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ORDIN DE PLATA NR.: 1913                                TIP.DOC. 1 :
                                DATA EMITERII:3 martie 2023 :
=====:
PLATITI: 33900-00          LEI: Treizeci si Trei Mii Noua Sute :
lei 00 bani                                                         :
=====:
PLATITOR: (R) "BIOSISTEM          CONTUL DE PLATI/CODUL IBAN :
MLD" S.R.L.                  MD95ML000000002251429243 :
                                CODUL FISCAL :1010600028048 / :
                                : :
                                : :
=====:
PRESTATORUL PLATITOR          CODUL BANCII:
BC"Moldindconbank"S.A. fil."Invest" Chisinau          :MOLDMD2X329:
=====:
BENEFICIAR (R) Centrul pen          CONTUL DE PLATI/CODUL IBAN :
tru achizitii publice central MD23TRPCCC518430B01859AA :
izate in sanatate          CODUL FISCAL :1016601000212 / :
                                : :
                                : :
=====:
PRESTATORUL BENEFICIAR          CODUL BANCII:
Ministerul Finantelor - Trezoreria de Stat          :TREZMD2X :
=====:
DESTINATIA PLATII:/P102/33900,00 Pentru : TIPUL TRANSFERULUI :
garantia pentru oferta la procedura de a:          NORMAL/URGENT :N:
chizi?ie publica nr. ocds-b3wdpl-MD-1676:          : :
645057596 din 06.03.2023          : :
                                : :
                                : L.S. :
=====:
                                CODUL TRANZACTIEI:101: :
                                DATA PRIMIRII:03/03/2023 : SEMNATURILE :
                                DATA EXECUTARII:          : EMITENTULUI :
                                :-----: :
CONducATOR:Web Poiata Vitalie :
MIIGYwYJKoZIhvcNAQcCoIIGVDCCBlACAQExCzAJBgUrDgMCGGUAMAsGCSqGSIB3:
DQEHAAACCBGwwggRoMIIDUKADAgECAhNHAACjbilrgFksQ0G4AAAAAKNuMA0GCSqG:
SIB3DQEBcWUAMCIXIDAeBgNVBAMTF0NFULQxLUNBLUL1vbGRpbmRjb25iYW5rMB4X:
DTIxMDEyODExMzgwNVVoXDTI0MDEyODExNDgwNVowZ8xCzAJBgNVBAYTAk1EMRAw:
YDVQQIEWdNb2xkb3ZhmREwDwYDVQQHEWhDaGlzaW5hdTEWMBQGA1UEChMNQmlv :
:
(semnatura electronica) :
CONTABIL-SEF:Web Nasedchin Alexandr :
MIIGZwYJKoZIhvcNAQcCoIIGWDCCBlQCAQExCzAJBgUrDgMCGGUAMAsGCSqGSIB3:
DQEHAAACCBHAWggRsMIIDVKADAgECAhNHAACjcahRKqbJeg8QAAAAAKNxMA0GCSqG:
SIB3DQEBcWUAMCIXIDAeBgNVBAMTF0NFULQxLUNBLUL1vbGRpbmRjb25iYW5rMB4X:
DTIxMDEyODExMzkwOFoXDTI0MDEyODExNDkxOFowgaMxCzAJBgNVBAYTAk1EMRAw:
YDVQQIEWdNb2xkb3ZhmREwDwYDVQQHEWhDaGlzaW5hdTEWMBQGA1UEChMNQmlv :
:
L.S. (semnatura electronica) :
CONducATOR: (semnatura manuala) :
CONTABIL-SEF: (semnatura manuala) :
SEMnATURA PRESTATORUL L.S. :
MOTIVUL REFUZULUI : L.S. :
-----:

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CERTIFICAT
privind lipsa sau existența restanțelor față de bugetul public național

Nr.
№ **A2303137**

din
от **02.03.2023**

1. Destinația / Назначение

Pentru participarea la proceduri de achiziții publice

2. Date despre contribuabil / Информация о налогоплательщике

Denumirea Наименование	Codul fiscal / Numărul de identificare Фискальный код / Идентификационный номер
BIOSISTEM MLD S.R.L.	1010600028048
Adresa sediului de bază (strada, numărul) Адрес основного месторасположения (улица, номер)	Codul - Denumirea localității Код - Наименование населенного пункта
Albisoara nr.16 bl.1 of.7	0150-SEC.RISCANI

3. Atestarea lipsei sau existenței restanțelor conform datelor Sistemului Informațional Automatizat /

Подтверждение отсутствия или наличия недоимки согласно данных Информационной автоматизированной системы

La data emiterii prezentului certificat restanța față de bugetul public național constituie/ На дату выдачи данной справки недоимка перед национальным публичным бюджетом составляет:
0,00 lei/лей.

4. Valabil până la / Действителен до 17.03.2023

5. Autentificarea Serviciului Fiscal de Stat / Подтверждение Государственной налоговой службы

Șef interimar DDF Rîșcani

Funcția/Dолжность

Digitally signed by Stoicov Ana
Date: 2023.03.02 15:31:39 EET
Reason: MoldSign Signature
Location: Moldova

Semnătura/Подпись



STOICOV Ana

Numele și prenumele/Фамилия и имя

L.Ș/ М.П.

Executor: **GOJAN Claudia**
Numele și prenumele/Фамилия и имя

Este extras din Sistemul Informațional al SFS SIA „Contul curent al contribuabilului”// 02.03.2023 ora 13:50:51
cu aplicarea prevederilor pct. 82-83 Ordin IFPS nr.400 din 14.03.2014 (Monitorul Oficial 72-77/399, 28.03.2014)

NOTA (0,27)

SITUAȚIILE FINANCIARE
pentru perioada 01.01.2021 - 31.12.2021

Entitatea: BIOSISTEM MLD S.R.L.
Cod CUIO: 40717392
Cod IDNO: 1010600028048

Sediul:
MD:
Raionul(municipiul): 106, DDF RISCANI
Cod CUATM: 0150, SEC.RISCANI
Strada: SECTORUL RISCANI STR.Albisoara nr.16 bl.1 of.7

Activitatea principală: G4646, Comert cu ridicata al produselor farmaceutice
Forma de proprietate: 16, Proprietate colectivă
Forma organizatorico-juridică: 530, Societăți cu răspundere limitată

Date de contact:
Telefon: +37322808719
WEB:
E-mail: zmii13@mail.ru
Numele și coordonatele al contabilului-șef: DI (dna) Tel.

Numărul mediu al salariaților în perioada de gestiune: 3 persoane.

Persoanele responsabile de semnarea situațiilor financiare* Nasedchin Alexandr

Unitatea de măsură: leu

BILANȚUL

Anexa 1

Nr. cpt.	Indicatori	Cod rd.	Sold la	
			Începutul perioadei de gestiune	Sfârșitul perioadei de gestiune
1	2	3	4	5
	A C T I V			
	ACTIVE IMOBILIZATE			
	I. Imobilizări necorporale			
	1. Imobilizări necorporale în curs de execuție	010		
	2. Imobilizări necorporale în exploatare, total	020		
	din care:	021		
	2.1. concesiuni, licențe și mărci			
	2.2. drepturi de autor și titluri de protecție	022		
	2.3. programe informatice	023		
	2.4. alte imobilizări necorporale	024		
	3. Fond comercial	030		
	4. Avansuri acordate pentru imobilizări necorporale	040		
	Total imobilizări necorporale (rd.010 + rd.020 + rd.030 + rd.040)	050		
	II. Imobilizări corporale			
	1. Imobilizări corporale în curs de execuție	060		
	2. Terenuri	070		
	3. Mijloace fixe, total	080	2793637	3559998
	din care:	081		
	3.1. clădiri			
	3.2. construcții speciale	082		
	3.3. mașini, utilaje și instalații tehnice	083	2791637	3533108
	3.4. mijloace de transport	084		

A.	3.5. inventar și mobilier	085		26890
	3.6. alte mijloace fixe	086	2000	
	4. Resurse minerale	090		
	5. Active biologice imobilizate	100		
	6. Investiții imobiliare	110		
	7. Avansuri acordate pentru imobilizări corporale	120		1162136
	Total imobilizări corporale (rd.060 + rd.070 + rd.080 + rd.090 + rd.100 + rd.110 + rd.120)	130	2793637	4722134
	III. Investiții financiare pe termen lung			
	1. Investiții financiare pe termen lung în părți neafiliate	140		
	2. Investiții financiare pe termen lung în părți afiliate, total	150		
	din care:			
	2.1. acțiuni și cote de participație deținute în părțile afiliate	151		
	2.2 împrumuturi acordate părților afiliate	152		
	2.3 împrumuturi acordate aferente intereselor de participare	153		
	2.4 alte investiții financiare	154		
	Total investiții financiare pe termen lung (rd.140 + rd.150)	160		
	IV. Creanțe pe termen lung și alte active imobilizate			
	1. Creanțe comerciale pe termen lung	170		
	2. Creanțe ale părților afiliate pe termen lung	180		
	inclusiv: creanțe aferente intereselor de participare	181		
	3. Alte creanțe pe termen lung	190		
	4. Cheltuieli anticipate pe termen lung	200		
	5. Alte active imobilizate	210		
	Total creanțe pe termen lung și alte active imobilizate (rd.170 + rd.180 + rd.190 + rd.200 + rd.210)	220		
	TOTAL ACTIVE IMOBILIZATE (rd.050 + rd.130 + rd.160 + rd.220)	230	2793637	4722134
B.	ACTIVE CIRCULANTE			
	I. Stocuri			
	1. Materiale și obiecte de mică valoare și scurtă durată	240	51978	5346
	2. Active biologice circulante	250		
	3. Producția în curs de execuție	260		
	4. Produse și mărfuri	270	7221203	9147976
	5. Avansuri acordate pentru stocuri	280		
	Total stocuri (rd.240 + rd.250 + rd.260 + rd.270 + rd.280)	290	7273181	9153322
	II. Creanțe curente și alte active circulante			
	1. Creanțe comerciale curente	300	3912218	2182471
	2. Creanțe ale părților afiliate curente	310		
	inclusiv: creanțe aferente intereselor de participare	311		
	3. Creanțe ale bugetului	320	74631	208171
	4. Creanțele ale personalului	330		
	5. Alte creanțe curente	340		
	6. Cheltuieli anticipate curente	350	2	
	7. Alte active circulante	360	5756117	1608597
	Total creanțe curente și alte active circulante (rd.300 + rd.310 + rd.320 + rd.330 + rd.340 + rd.350 + rd.360)	370	9742968	3999239
	III. Investiții financiare curente			
	1. Investiții financiare curente în părți neafiliate	380		
	2. Investiții financiare curente în părți afiliate, total	390		
	din care:			
	2.1. acțiuni și cote de participație deținute în părțile afiliate	391		
	2.2. împrumuturi acordate părților afiliate	392		
	2.3. împrumuturi acordate aferente intereselor de participare	393		

	2.4. alte investiții financiare în părți afiliate	394		
	Total investiții financiare curente (rd.380 + rd.390)	400		
	IV. Numerar și documente bănești	410	3942779	9861933
	TOTAL ACTIVE CIRCULANTE (rd.290 + rd.370 + rd.400 + rd.410)	420	20958928	23014494
	TOTAL ACTIVE (rd.230 + rd.420)	430	23752565	27736628
	P A S I V			
C.	CAPITAL PROPRIU			
	I. Capital social și neînregistrat			
	1. Capital social	440	5400	5400
	2. Capital nevărsat	450	()	()
	3. Capital neînregistrat	460		
	4. Capital retras	470	()	()
	5. Patrimoniul primit de la stat cu drept de proprietate	480		
	Total capital social și neînregistrat (rd.440 + rd.450 + rd.460 + rd.470 + rd.480)	490	5400	5400
	II. Prime de capital	500		
	III. Rezerve			
	1. Capital de rezervă	510		
	2. Rezerve statutare	520		
	3. Alte rezerve	530		
	Total rezerve (rd.510 + rd.520 + rd.530)	540		
	IV. Profit (pierdere)			
	1. Corecții ale rezultatelor anilor precedenți	550	X	
	2. Profit nerepartizat (pierdere neacoperită) al anilor precedenți	560	20060126	16230339
	3. Profit net (pierdere netă) al perioadei de gestiune	570	X	10403995
	4. Profit utilizat al perioadei de gestiune	580	X	()
	Total profit (pierdere) (rd.550 + rd.560 + rd.570 + rd.580)	590	20060126	26634334
	V. Rezerve din reevaluare	600		
	VI. Alte elemente de capital propriu	610		
	TOTAL CAPITAL PROPRIU (rd.490 + rd.500 + rd.540 + rd.590 + rd.600 + rd.610)	620	20065526	26639734
D.	DATORII PE TERMEN LUNG			
	1. Credite bancare pe termen lung	630		
	2. Împrumuturi pe termen lung	640		
	din care:	641		
	2.1. împrumuturi din emisiunea de obligațiuni			
	inclusiv: împrumuturi din emisiunea de obligațiuni convertibile	642		
	2.2. alte împrumuturi pe termen lung	643		
	3. Datorii comerciale pe termen lung	650		
	4. Datorii față de părțile afiliate pe termen lung	660		
	inclusiv: datorii aferente intereselor de participare	661		
	5. Avansuri primite pe termen lung	670		
	6. Venituri anticipate pe termen lung	680		
	7. Alte datorii pe termen lung	690		
	TOTAL DATORII PE TERMEN LUNG (rd.630 + rd.640 + rd.650 + rd.660 + rd.670 + rd.680 + rd.690)	700		
	DATORII CURENTE			
	1. Credite bancare pe termen scurt	710		
	2. Împrumuturi pe termen scurt, total	720		

E.	din care:	721		
	2.1. împrumuturi din emisiunea de obligațiuni			
	inclusiv: împrumuturi din emisiunea de obligațiuni convertibile	722		
	2.2. alte împrumuturi pe termen scurt	723		
	3. Datorii comerciale curente	730	3252667	343711
	4. Datorii față de părțile afiliate curente	740		
	inclusiv: datorii aferente intereselor de participare	741		
	5. Avansuri primite curente	750	188105	355528
	6. Datorii față de personal	760	50	350
	7. Datorii privind asigurările sociale și medicale	770		
	8. Datorii față de buget	780	187676	150263
	9. Datorii față de proprietari	790		
	10. Venituri anticipate curente	800		
	11. Alte datorii curente	810	58541	247042
	TOTAL DATORII CURENTE (rd.710 + rd.720 + rd.730 + rd.740 + rd.750 + rd.760 + rd.770 + rd.780 + rd.790 + rd.800 + rd.810)	820	3687039	1096894
F.	PROVIZIOANE			
	1. Provizioane pentru beneficiile angajaților	830		
	2. Provizioane pentru garanții acordate cumpărătorilor/clientilor	840		
	3. Provizioane pentru impozite	850		
	4. Alte provizioane	860		
	TOTAL PROVIZIOANE (rd.830 + rd.840 + rd.850 + rd.860)	870		
	TOTAL PASIVE (rd.620 + rd.700 + rd.820 + rd.870)	880	23752565	27736628

SITUAȚIA DE PROFIT ȘI PIERDERE

de la pînă la

Anexa 2

Indicatori	Cod rd.	Perioada de gestiune	
		precedenta	curenta
1	2	3	4
Venituri din vânzări, total	010	25963175	38680547
din care:			
venituri din vânzarea produselor și mărfurilor	011	25044358	37724557
venituri din prestarea serviciilor și executarea lucrărilor	012	918817	951393
venituri din contracte de construcție	013		
venituri din contracte de leasing	014		
venituri din contracte de microfinanțare	015		
alte venituri din vânzări	016		4597
Costul vânzărilor, total	020	15186814	24434231
din care:			
valoarea contabilă a produselor și mărfurilor vândute	021	15186814	24433364
costul serviciilor prestate și lucrărilor executate terților	022		
costuri aferente contractelor de construcție	023		
costuri aferente contractelor de leasing	024		
costuri aferente contractelor de microfinanțare	025		
alte costuri aferente vânzărilor	026		867
Profit brut (pierdere brută) (rd.010 - rd.020)	030	10776361	14246316
Alte venituri din activitatea operațională	040	247603	5189
Cheltuieli de distribuire	050	19740	6076
Cheltuieli administrative	060	1259776	1788732
Alte cheltuieli din activitatea operațională	070	640169	1870642
Rezultatul din activitatea operațională: profit (pierdere) (rd.030 + rd.040 - rd.050 - rd.060 - rd.070)	080	9104279	10586055

Venituri financiare, total	090	519239	1517765
din care:			
venituri din interese de participare	091		
inclusiv: veniturile obținute de la părțile afiliate	092		
venituri din dobânzi	093	25612	30619
inclusiv: veniturile obținute de la părțile afiliate	094		
venituri din alte investiții financiare pe termen lung	095		
inclusiv: veniturile obținute de la părțile afiliate	096		
venituri aferente ajustărilor de valoare privind investițiile financiare pe termen lung și curente	097		
venituri din ieșirea investițiilor financiare	098		
venituri aferente diferențelor de curs valutar și de sumă	099	493627	1487146
Cheltuieli financiare, total	100	597528	249562
din care:			
cheltuieli privind dobânzile	101		
inclusiv: cheltuielile aferente părților afiliate	102		
cheltuieli aferente ajustărilor de valoare privind investițiile financiare pe termen lung și curente	103		
cheltuieli aferente ieșirii investițiilor financiare	104		
cheltuieli aferente diferențelor de curs valutar și de sumă	105	597528	249562
Rezultatul: profit (pierdere) financiar(ă) (rd.090 - rd.100)	110	-78289	1268203
Venituri cu active imobilizate și excepționale	120		
Cheltuieli cu active imobilizate și excepționale	130		
Rezultatul din operațiuni cu active imobilizate și excepționale: profit (pierdere) (rd.120 - rd.130)	140		
Rezultatul din alte activități: profit (pierdere) (rd.110 + rd.140)	150	-78289	1268203
Profit (pierdere) pînă la impozitare (rd.080 + rd.150)	160	9025990	11854258
Cheltuieli privind impozitul pe venit	170	1051159	1450263
Profit net (pierdere netă) al perioadei de gestiune (rd.160 - rd.170)	180	7974831	10403995

SITUAȚIA MODIFICĂRILOR CAPITALULUI PROPRIU

de la pînă la

Anexa 3

Nr. d/o	Indicatori	Cod rd	Sold la începutul perioadei de gestiune	Majorări	Diminuări	Sold la sfîrșitul perioadei de gestiune
1	2	3	4	5	6	7
I.	Capital social și neînregistrat					
	1. Capital social	010				
	2. Capital nevărsat	020	()	()	()	()
	3. Capital neînregistrat	030				
	4. Capital retras	040	()	()	()	()
	5. Patrimoniul primit de la stat cu drept de proprietate	050				
	Total capital social și neînregistrat (rd.010 + rd.020 + rd.030 + rd.040 + rd.050)	060				
II.	Prime de capital	070				
III.	Rezerve					
	1. Capital de rezervă	080				
	2. Rezerve statutare	090				
	3. Alte rezerve	100				
	Total rezerve (rd.080 + rd.090 + rd.100)	110				
	Profit (pierdere)					
	1. Corecții ale rezultatelor anilor precedenți	120	X			

IV.	2. Profit nerepartizat (pierdere neacoperită) al anilor precedenți	130			
	3. Profit net (pierdere netă) al perioadei de gestiune	140	X		
	4. Profit utilizat al perioadei de gestiune	150	X	()	()
	Total profit (pierdere) (rd.120 + rd.130 + rd.140 + rd.150)	160			
V.	Rezerve din reevaluare	170			
VI.	Alte elemente de capital propriu	180			
	Total capital propriu (rd.060 + rd.070 + rd.110 + rd.160 + rd.170 + rd.180)	190			

SITUAȚIA FLUXURILOR DE NUMERAR

de la pînă la

Anexa 4

Indicatori	Cod rd	Perioada de gestiune	
		precedentă	curentă
1	2	3	4
Fluxuri de numerar din activitatea operațională			
Încasări din vânzări	010		
Plăți pentru stocuri și servicii procurate	020		
Plăți către angajați și organe de asigurare socială și medicală	030		
Dobînzi plătite	040		
Plata impozitului pe venit	050		
Alte încasări	060		
Alte plăți	070		
Fluxul net de numerar din activitatea operațională (rd.010 - rd.020 - rd.030 - rd.040 - rd.050 + rd.060 - rd.070)	080		
Fluxuri de numerar din activitatea de investiții			
Încasări din vânzarea activelor imobilizate	090		
Plăți aferente intrărilor de active imobilizate	100		
Dobînzi încasate	110		
Dividende încasate	120		
inclusiv: dividende încasate din străinătate	121		
Alte încasări (plăți)	130		
Fluxul net de numerar din activitatea de investiții (rd.090 - rd.100 + rd.110 + rd.120 ± rd.130)	140		
Fluxuri de numerar din activitatea financiară			
Încasări sub formă de credite și împrumuturi	150		
Plăți aferente rambursării creditelor și împrumuturilor	160		
Dividende plătite	170		
inclusiv: dividende plătite nerezidenților	171		
Încasări din operațiuni de capital	180		
Alte încasări (plăți)	190		
Fluxul net de numerar din activitatea financiară (rd.150 - rd.160 - rd.170 + rd.180 ± rd.190)	200		
Fluxul net de numerar total (± rd.080 ± rd.140 ± rd.200)	210		
Diferențe de curs valutar favorabile (nefavorabile)	220		
Sold de numerar la începutul perioadei de gestiune	230		
Sold de numerar la sfîrșitul perioadei de gestiune (± rd.210 ± rd.220 + rd.230)	240		

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Расписка 2

Респондент

Фискальный код: 1010600028048, наименование: BIOSISTEM MLD S.R.L.

Предоставил отчёт: RSF1_21

На фискальный период: A/2021

Дата предоставления: 29.03.2022

Временная метка отчёта зарегистрированного в Информационной Системе НБС : 29.03.2022 17:25:45

National Bureau of Statistics (NBS) received the electronic version of the report, sent by you. The data provided is verified by NBS.

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Расписка

Респондент

Фискальный код: 1010600028048, наименование: BIOSISTEM MLD S.R.L.

Предоставил отчёт: RSF1_21

На фискальный период: A/2021

Дата предоставления: 29.03.2022

Временная метка отчёта зарегистрированного в Системе Электронной Отчётности и отправленного в Информационную Систему БНС : 29.03.2022 14:51:06



BC "MOLDINDCONBANK" S.A.

Filiala "Invest"

Republica Moldova, MD-2068
mun. Chișinău, bd. Moscovei, 14/1
Tel. : (373-22) 43-44-81, 43-46-24
Fax : (373-22) 43-44-22
cod: MOLDMD2X329

Data 14. IAN. 2016
Nr. 03/2 - 19/23

Республика Молдова, MD-2068
мун. Кишинэу, бул. Московей, 14/1
Тел. : (373-22) 43-44-81, 43-46-24
Факс : (373-22) 43-44-22
код: MOLDMD2X329

Filiala „Invest” BC „Moldindconbank” SA confirmă existența contului curent în moneda națională al **“BIOSISTEM MLD” S.R.L. (c/f 1010600028048)**, cu **IBAN MD95ML000000002251429243**.

Codul băncii MOLDMD2X329.

Director

Nina Turcan

Director financiar



Nina Balmuş

Ex. Diana Brinza
Tel. 43-45-96

REPUBLICA



MOLDOVA

CERTIFICAT DE ÎNREGISTRARE

Societatea cu Răspundere Limitată "BIOSISTEM MLD"
— ESTE ÎNREGISTRATĂ LA CAMERA ÎNREGISTRĂRII DE STAT —

Numărul de identificare de stat - codul fiscal
1010600028048

Data înregistrării

12.08.2010

Data eliberării

12.08.2010

Svirepova Ludmila, registrator

*Funcția, numele, prenumele persoanei
care a eliberat certificatul*

L. Svirepova
semnătura

MD 0101250





I.P. "AGENȚIA SERVICII PUBLICE"

Departamentul înregistrare și licențiere a unităților de drept

EXTRAS

din Registrul de stat al persoanelor juridice

nr. 8506 din 28.04.2021

Denumirea completă: **Societatea cu Răspundere Limitată «BIOSISTEM MLD».**

Denumirea prescurtată: **«BIOSISTEM MLD» S.R.L.**

Forma juridică de organizare: **Societate cu Răspundere Limitată.**

Numărul de identificare de stat și codul fiscal: **1010600028048.**

Data înregistrării de stat: **12.08.2010.**

Sediul: **MD-2001, str. Albișoara, 16/1, ap.(of.) 7, mun. Chișinău, Republica Moldova.**

Obiectul principal de activitate:

- 1 Activitatea farmaceutică;**
- 2 Importul, fabricarea, comercializarea, asistența tehnică și (sau) reparația dispozitivelor medicale și (sau) a opticii;**
- 3 Acordarea asistenței medicale de către instituțiile medico-sanitare private;**
- 4 Comerțul cu ridicata al calculatoarelor, echipamentelor periferice și software-ului;**
- 5 Întreținerea și repararea mașinilor de birou și a tehnicii de calcul;**
- 6 Consultații în domeniul sistemelor de calcul.**

Capitalul social: **5400 lei.**

Administrator: POIATA VITALIE,

Asociați:

- 1. POIATA VITALIE 33,40 %**
- 2. NASEDCHIN ALEXANDR 33,30 %**
- 3. KOJEVNIKOV DMITRII 33,30 %.**

Prezentul extras este eliberat în temeiul art. 34 al Legii nr. 220-XVI din 19 octombrie 2007 privind înregistrarea de stat a persoanelor juridice și a întreprinzătorilor individuali și confirmă datele din Registrul de stat la data de: 28.04.2021.

Specialist coordonator
tel. 022-207-840



Lazari Aliona



EB 0358735

Lista fondatorilor Biosistem-mld SRL

Nr.	Nume, Prenume	IDNP
1.	Vitalie Poiata	0983103892591
2.	Alexandr Nasedchin	2002001070747
3.	Dmitrii Kojevnikov	0972305012362

TRUE DILATATION™

Balloon Valvuloplasty Catheter

Bard Peripheral Vascular

2014 PRODUCT LIST

CONQUEST® 40

PTA Dilatation Catheter

ATLAS® GOLD
PTA Dilatation Catheter

SIDEKICK®

Support Catheter

BARD®
Snare Retrieval Kit

DENALI®

Vena Cava Filter

USHER®
Support Catheter

VIDA™
PTV Dilatation Catheter

POWERPORT® CLEARVUE®

Implantable Port

BARD | PERIPHERAL VASCULAR

TERMS AND CONDITIONS OF SALE

The following terms and conditions of sale constitute an integral part of this Bard Peripheral Vascular, Inc. ("BPV") product price list (the "Price List") and are applicable to all purchase orders. All prices and terms are subject to change.

I. Acceptance of Purchase Orders

All purchase orders are subject to acceptance at BPV's customer service department located in Tempe, Arizona and will be deemed accepted only when confirmed in writing or upon BPV's commencement of performance. For convenience, customers may place purchase orders or make inquiries (between the hours of 6:00 a.m. – 4:30 p.m. Arizona Time, Monday – Friday, exclusive of all federal and state holidays) by calling toll free at 1-800-321-4254 or by toll free fax at 1-800-440-5376.

Mail purchase orders to:

Bard Peripheral Vascular, Inc.
P.O. Box 1740
Tempe, AZ 85280-1740
Attn: Customer Service

II. Payment Terms

Payment is due no later than 30 days from the date of the invoice.

III. Additional Charges

All applicable excise, sales, or other taxes will be invoiced to customer and are not included in product prices.

IV. Shipping and Related Charges

Standard Shipments: Terms of sale on all purchase orders are F.O.B. shipping point. Each purchase order will incur a shipping and handling charge of \$30.00. All shipments of product will be placed with the carrier for requested 2-day delivery.

Expedited Shipments: Customers requiring expedited delivery will be invoiced for the charge associated with the expedited delivery, but not less than \$40.00.

Shipping Damage: Although BPV takes special care in the packaging of its products, damage may occur in transit. All products must be inspected and any damage noted on the freight bill and reported to the carrier, upon receipt of product. Although BPV's responsibility for damage ceases upon deposit with carrier, BPV may extend assistance in helping customers settle damage claims.

V. Return Goods and Allowance Policy

Return Authorization/Repairs: Customer must obtain a return authorization number from BPV before any BPV product can be returned for repair, replacement, refund, or credit. To obtain a return authorization number, customer must provide BPV with: (1) the BPV catalog number and quantity of BPV product to be returned; (2) the reason for the return/repair; (3) a description of the BPV product being returned for repair; (4) the name and telephone number of a customer contact who may be called if BPV requires further information; and (5) at least one of the following: (i) the applicable customer purchase order number; (ii) the applicable BPV invoice number; or (iii) the applicable BPV product lot or serial number. A purchase order is required for all repairs even in situations where there is no charge. If the BPV product to be repaired is covered by a written limited product warranty, a copy of the original invoice must be sent with the BPV product. The cost of any repair not covered by a written limited product warranty must be paid by the customer.

Non-Returnable Products: Customer is not entitled to return, and is not eligible to receive repair, replacement, refund, or credit for any BPV product described below (collectively, "Non-Returnable Products"):

- product damaged in transit;
- product shipped in error and returned more than 30 days after the date of the applicable BPV invoice (unless such product is subject to a recall arising out of the negligent acts or omissions of BPV (a "Qualified Recall"));
- non-defective product returned in a quantity less than BPV's original unit of sale;
- non-defective product returned more than 90 days after date of applicable BPV invoice (unless part of a Qualified Recall);
- defective product returned after expiration of the applicable warranty period (unless part of a Qualified Recall);
- product sold non-sterile that has been subjected to sterilization processing;
- product sold for single use that has been re-used or re-processed;
- product that has been altered, further manufactured, packaged, processed, abused, or misused;
- product that has been adjusted or repaired by anyone other than BPV or a person or entity authorized in writing by BPV; or
- product that is a "custom" device unless such product is defective for a reason other than manufacture to customer's specifications.

Authorized Return Products and Freight Charges: With regard to those BPV products (other than Non-Returnable Products) for which customer has obtained a return authorization number, BPV will accept returns of such products if they are: (1) determined by BPV to be defective and returned within the applicable warranty period; (2) not defective, in saleable condition and returned within 90 days of the corresponding BPV invoice date; (3) subject to a Qualified Recall; or (4) returned within 30 days of the corresponding BPV invoice date and represent product shipped in error by BPV (such products, collectively, "Authorized Return Products"). All Authorized Return Products must be returned freight prepaid by customer. Any Authorized Return Product returned freight collect will be refused by BPV and returned to customer at its expense. BPV will, at its option, refund or credit customer for all freight charges incurred in connection with returning to BPV any Authorized Return Product.

Allowance Schedule for Authorized Return Products: For those Authorized Return Products that BPV has elected to provide a refund or credit, BPV will pay a refund or issue a credit to customer within 30 days of BPV's receipt of the Authorized Return Product, based on the original purchase price, in accordance with the following:

Condition	Credit
Defective product returned within the applicable product warranty period	Full Credit*
Non-defective product returned in saleable condition within 45 days of corresponding BPV invoice date	Full Credit*
Non-defective product returned in saleable condition within 46-90 days of corresponding BPV invoice date	Full Credit* minus 20% reprocessing charge (minimum \$10.00 charge)
Product shipped in error by BPV and returned in saleable condition within 30 days of corresponding BPV invoice date	Full Credit*
Product subject to a Qualified Recall	Full Credit*

*Less any credits issued by BPV to customer with respect to such product.

VI. Confidentiality

Customer will not disclose to any third party these terms and conditions, including the Price List, or any other information provided by BPV to customer, without BPV's prior written approval, except as may be required by law or by lawful order of any applicable government agency.

VII. Limited Product Warranty; Disclaimer and Limitation of Liability

BPV warrants to the original purchaser that each BPV product set forth in the Price List will be free from defects in material and workmanship for the period set forth in the labeling of the particular BPV product or, if no such period is set forth in the labeling, for a period of one (1) year from the date of purchase. Defective BPV product may be returned to BPV for repair, replacement, refund or credit, at BPV's option, in accordance with BPV's return goods and allowance policy. Any alteration, abuse, misuse, further manufacture, packaging, processing, adjustment or repair by any person or entity other than BPV or a person or entity authorized in writing by BPV shall void this limited product warranty ab initio. THIS LIMITED PRODUCT WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE LIABILITY AND REMEDY STATED IN THIS LIMITED PRODUCT WARRANTY WILL BE THE SOLE LIABILITY OF BPV, AND REMEDY AVAILABLE TO CUSTOMER, FOR BPV PRODUCTS WHETHER IN CONTRACT, TORT (INCLUDING NEGLIGENCE) OR OTHERWISE, AND BPV WILL NOT BE LIABLE TO CUSTOMER FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE HANDLING OR USE OF BPV PRODUCTS EVEN IF BPV HAS BEEN ADVISED OF THE POSSIBILITY OR LIKELIHOOD OF SUCH DAMAGES. IN NO EVENT WILL BPV BE LIABLE FOR ANY CLAIM, LOSS OR DAMAGE ARISING OUT OF OR RELATING TO, IN WHOLE OR IN PART, ANY PURCHASE ORDER, THESE TERMS AND CONDITIONS OF SALE, OR ANY BPV PRODUCT, WHETHER IN CONTRACT, TORT, NEGLIGENCE OR OTHERWISE, IN EXCESS OF THE AMOUNT PAID BY CUSTOMER TO BPV PURSUANT TO THE PURCHASE ORDER TO WHICH SUCH CLAIM, LOSS OR DAMAGE RELATES.

VIII. Product Changes

All products and product specifications identified in the Price List are based upon the information available to BPV at the time of publication. BPV reserves the right to discontinue any product or to change any product specifications without notice.

IX. Termination

Any customer purchase order may be terminated by BPV as follows: (1) upon 30 days' prior written notice to customer; (2) effective immediately, if customer commits a material breach of any provision of the purchase order or these terms and conditions and such breach continues for a period of 30 days following written notice; or (3) effective immediately, if the customer files, or has filed against it, a petition for voluntary or involuntary bankruptcy or pursuant to any other insolvency law or makes or seeks to make a general assignment for the benefit of its creditors or applies for or consents to the appointment of a trustee, receiver, or custodian for its or a substantial part of its property.

X. Force Majeure

BPV will not be liable for its failure to perform, or any delay in performance, due to strikes, fire, explosion, flood, riot, lock out, injunction, interruption of transportation, unavoidable accidents, acts of government or a public enemy, terrorism, inability to obtain supplies at reasonable prices, or any other causes beyond its control.

XI. Choice of Law

These terms and conditions shall be governed by and construed in accordance with the laws of the State of Arizona as applicable to contracts made and to be performed in that state, without regard to conflicts of laws principles.

XII. General

NONE OF THE FOREGOING TERMS AND CONDITIONS MAY BE MODIFIED EXCEPT UPON BPV'S EXPRESS WRITTEN CONSENT STATING THAT IT IS AN AMENDMENT OR MODIFICATION THERETO.

In the event of any inconsistency between these terms and conditions of sale and those contained in any purchase order, purchase order release, confirmation, acceptance, or any similar document, these terms and conditions of sale shall prevail.

These terms and conditions of sale constitute the entire understanding between BPV and customer and supersede all prior terms and conditions of sale published by BPV, in each case, related to the subject matter hereof.

U.S. Vascular Table of Contents

ANGIOPLASTY

ATLAS® PTA Balloon Dilatation Catheters	4
ATLAS® GOLD PTA Balloon Dilatation Catheters	5-6
CALIBER® Inflation Device	7
CONQUEST® PTA Balloon Dilatation Catheters	8-9
CONQUEST® 40 PTA Balloon Dilatation Catheters	10-11
DORADO® PTA Balloon Dilatation Catheters	12-15
RIVAL® PTA Balloon Dilatation Catheters	16-17
ULTRAVERSE® 014 PTA Balloon Dilatation Catheters	18-19
ULTRAVERSE® 018 PTA Balloon Dilatation Catheters	20-24
ULTRAVERSE® RX PTA Balloon Dilatation Catheters	25-27
VASCUTrak® PTA Balloon Dilatation Catheters	28-31

CARDIOVASCULAR PATCHES, FABRICS, FELTS AND PLEDGETS

Cardiovascular Patches - ePTFE	32
Fabrics - Polyester and PTFE	32
Felts - PTFE and Polyester	33
Pledgets - PTFE	33

CAROTID SHUNTS

Carotid Shunts	34
--------------------------	----

CENTRAL VENOUS CATHETERS

BROVIAC® Central Venous Catheters	35
BROVIAC® Central Venous Catheter Repair Kits	35
GROSHONG® Central Venous Catheters	36
GROSHONG® Central Venous Catheter Repair Kits	36
GROSHONG® Central Venous Catheter Replacement Connectors	36
GROSHONG® Central Venous Catheter Additional Accessories	36
HICKMAN® Central Venous Catheters	37
HICKMAN® TRIFUSION® Central Venous Catheters	37
HICKMAN® Central Venous Catheter Repair Kits	38
HICKMAN® / LEONARD® Central Venous Catheter Repair Kit	38
HICKMAN® Central Venous Catheter Additional Accessories	38
LEONARD® Central Venous Catheters	39
LEONARD® Central Venous Catheter Repair Kit	39
POWERHICKMAN® Central Venous Catheter	40
POWERLINE® Central Venous Catheter	40
Catheter Clamp	41
PTFE Peel-Apart Introducers	41
Tunnelers for HICKMAN® / BROVIAC® / LEONARD®	41

CTO CATHETERS

CROSSER® CTO Recanalization Catheters	42
---	----

CTO SUPPORT CATHETERS AND GUIDEWIRES

PORTER® Guidewires	43
SIDEKICK® Support Catheters	43
USHER® Support Catheters	43

CROSSING SUPPORT CATHETERS

SEEKER® Crossing Support Catheters	44
--	----

U.S. Vascular Table of Contents

HEMODIALYSIS CATHETERS (LONG-TERM)

DECATHLON® DF Long-Term Hemodialysis Catheter with AIRGUARD® Valved Introducer	45
DUET® Long-Term Hemodialysis Catheter with AIRGUARD® Valved Introducer	45
DUET® Repair Kit	45
EQUISTREAM® Catheter with AIRGUARD® Valved Introducer	46
EQUISTREAM® XK Catheter with AIRGUARD® Valved Introducer	46
GLIDEPATH™ Long-Term Hemodialysis Catheter with AIRGUARD® Valved Introducer	47
HEMOSPLIT® Catheter with AIRGUARD® Valved Introducer	48
HEMOSPLIT® XK Catheter with AIRGUARD® Valved Introducer	49
HEMOSPLIT® / HEMOSPLIT® XK Tunnelers	49
HEMOSTAR® Catheter with AIRGUARD® Valved Introducer	50
HEMOSTAR® XK Catheter with AIRGUARD® Valved Introducer	50
RELIANCE XK™ Long-Term Hemodialysis Catheter with AIRGUARD® Valved Introducer	51
RETRO® Long-Term Hemodialysis Catheter	52
RETRO® Repair Kit	52
RETRO® Alternative Tunneler	52
SOFT-CELL® Catheter	52
SOFT-CELL® Tunnelers	52
AIRGUARD® Valved Introducer	53
Guidewires	53
Hemodialysis Catheter Additional Accessories	53

PORTS (NON-POWER)

M.R.I.® Dual Lumen Implantable Port	54
M.R.I.® Hard-Base Implantable Port	54
M.R.I.® Implantable Port	54
M.R.I.® Low Profile Implantable Port	55
M.R.I.® Ultra SLIMPORT® Implantable Port	55
Peritoneal Port	55
SLIMPORT® Dual Lumen ROSENBLATT® Implantable Port	55
Titanium DOME™ Implantable Port	56
Titanium Implantable Port	56
Titanium SLIMPORT® Implantable Port	56
X-PORT™ Duo Implantable Port	57
X-PORT™ Implantable Port	57
X-PORT™ Inline Duo Implantable Port	57
X-PORT™ isp Implantable Port	57

PORTS (POWER)

POWERPORT® CLEARVUE® isp Implantable Port	58
POWERPORT® CLEARVUE® Slim Implantable Port	58
POWERPORT® Implantable Port	59
POWERPORT® isp Implantable Port	59
POWERPORT® M.R.I.® Duo Implantable Port	60
POWERPORT® M.R.I.® Implantable Port	60
POWERPORT® M.R.I.® isp Implantable Port	60
POWERPORT® Slim Implantable Port	61
POWERPORT® VUE® isp Implantable Port	61
POWERPORT® VUE® M.R.I. Implantable Port	61

U.S. Vascular Table of Contents

STENTS & STENT GRAFTS

E•LUMINEXX® Vascular Stents	62-63
FLAIR® Endovascular Stent Grafts	64
LIFESTAR™ Vascular Stents	65-66
LIFESTENT® and LIFESTENT® XL Vascular Stent Systems	67
LIFESTENT® SOLO™ Vascular Stent Systems	68

SURGICAL GRAFTS

AV Access Specialty Grafts

VECTRA® Revision Grafts	69
VECTRA® Vascular Access Grafts	69
VENAFLO® II Vascular Grafts	70

CARBOFLO® and ePTFE Grafts

CARBOFLO® Vascular Grafts	71-73
IMPRA® Vascular Grafts	74-78

Peripheral Vascular Specialty Grafts

DISTAFLO® Bypass Grafts	79
DISTAFLO® Mini Cuff Bypass Grafts	79
DYNAFLO® Bypass Grafts	79

Tunneler Sets and Accessories

AV Sheath Tunneler Set	80
AV Sheath Tunneler Replacement Parts and Tips	80
Bi-Directional Tunneler Accessories	81
Bi-Directional Tunneler Replacement Tips	81
Kelly-Wick Tunneler Replacement Parts and Tips	81
PV Sheath Tunneler Set	82

TAPES AND POUCHES

PTFE and Polyester Braided Tapes and Pouches	83
--	----

VALVULOPLASTY - AORTIC

TRUE DILATATION™ Balloon Valvuloplasty Catheters	84
--	----

VALVULOPLASTY - PULMONARY

VIDA® PTV Balloon Dilatation Catheters	85
--	----

VASCULAR PROBES

Vascular Probes	86
---------------------------	----

VENA CAVA FILTERS

BARD® Snare Retrieval Kit	87
DENALI® Filter System	87
Individual Delivery Sheath / Dilator Sets for SIMON NITINOL® Filter	87
RECOVERY CONE® Removal System	87
SIMON NITINOL® Filter System	87

ANGIOPLASTY

ATLAS® PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		SHAFT LENGTH (CM)	NOMINAL PRESSURE (ATM)	RATED BURST PRESSURE (ATM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)					
AT75122	12	2	75	6	18	7	1
AT120122	12	2	120	6	18	7	1
AT75124	12	4	75	6	18	7	1
AT120124	12	4	120	6	18	7	1
AT75126	12	6	75	6	18	7	1
AT75142	14	2	75	6	18	7	1
AT120142	14	2	120	6	18	7	1
AT75144	14	4	75	6	18	7	1
AT120144	14	4	120	6	18	7	1
AT75146	14	6	75	6	18	8	1
AT75162	16	2	75	6	18	8	1
AT120162	16	2	120	6	18	8	1
AT75164	16	4	75	6	18	8	1
AT120164	16	4	120	6	18	8	1
AT75166	16	6	75	6	16	8	1
AT75182	18	2	75	6	16	8	1
AT120182	18	2	120	6	16	8	1
AT75184	18	4	75	6	16	8	1
AT120184	18	4	120	6	16	8	1
AT75186	18	6	75	6	16	9	1
AT75202	20	2	75	6	16	9	1
AT120202	20	2	120	6	16	9	1
AT75204	20	4	75	6	16	9	1
AT120204	20	4	120	6	16	9	1
AT75222	22	2	75	4	14	10	1
AT75224	22	4	75	4	14	10	1
AT75242	24	2	75	4	14	10	1
AT75244	24	4	75	4	14	10	1
AT75262	26	2	75	4	12	12	1
AT75264	26	4	75	4	12	12	1

0.035" guidewire compatible

*Percutaneous Transluminal Angioplasty

ANGIOPLASTY

ATLAS® GOLD PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		SHAFT LENGTH (CM)	NOMINAL PRESSURE (ATM)	RATED BURST PRESSURE (ATM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)					
ATG80122	12	2	80	6	18	7	1
ATG120122	12	2	120	6	18	7	1
ATG80124	12	4	80	6	18	7	1
ATG120124	12	4	120	6	18	7	1
ATG80126	12	6	80	6	18	7	1
ATG120126	12	6	120	6	18	7	1
ATG80142	14	2	80	6	18	7	1
ATG120142	14	2	120	6	18	7	1
ATG80144	14	4	80	6	18	7	1
ATG120144	14	4	120	6	18	7	1
ATG80146	14	6	80	6	18	8	1
ATG120146	14	6	120	6	18	8	1
ATG80162	16	2	80	6	18	8	1
ATG120162	16	2	120	6	18	8	1
ATG80164	16	4	80	6	18	8	1
ATG120164	16	4	120	6	18	8	1
ATG80166	16	6	80	6	16	8	1
ATG120166	16	6	120	6	16	8	1
ATG80182	18	2	80	6	16	8	1
ATG120182	18	2	120	6	16	8	1
ATG80184	18	4	80	6	16	8	1
ATG120184	18	4	120	6	16	8	1
ATG80186	18	6	80	6	16	9	1
ATG120186	18	6	120	6	16	9	1

0.035" guidewire compatible

*Percutaneous Transluminal Angioplasty

ANGIOPLASTY

ATLAS® GOLD PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		SHAFT LENGTH (CM)	NOMINAL PRESSURE (ATM)	RATED BURST PRESSURE (ATM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)					
ATG80202	20	2	80	6	16	9	1
ATG120202	20	2	120	6	16	9	1
ATG80204	20	4	80	6	16	9	1
ATG120204	20	4	120	6	16	9	1
ATG80222	22	2	80	4	14	10	1
ATG120222	22	2	120	4	14	10	1
ATG80224	22	4	80	4	14	10	1
ATG120224	22	4	120	4	14	10	1
ATG80242	24	2	80	4	14	10	1
ATG120242	24	2	120	4	14	10	1
ATG80244	24	4	80	4	14	10	1
ATG120244	24	4	120	4	14	10	1
ATG80262	26	2	80	4	12	12	1
ATG120262	26	2	120	4	12	12	1
ATG80264	26	4	80	4	12	12	1
ATG120264	26	4	120	4	12	12	1

0.035" guidewire compatible

*Percutaneous Transluminal Angioplasty

ANGIOPLASTY

CALIBER® Inflation Device

PRODUCT CODE	DESCRIPTION	UNITS/CASE
CL3030	(Sterile - Disposable with 30 cc barrel)	6

ANGIOPLASTY

CONQUEST® PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		SHAFT LENGTH (CM)	NOMINAL PRESSURE (ATM)	RATED BURST PRESSURE (ATM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)					
CQ5052	5	2	50	8	30	6	1
CQ7552	5	2	75	8	30	6	1
CQ12054	5	2	120	8	30	6	1
CQ5054	5	4	50	8	30	6	1
CQ7554	5	4	75	8	30	6	1
CQ5058	5	8	50	8	27	6	1
CQ7558	5	8	75	8	27	6	1
CQ5062	6	2	50	8	30	6	1
CQ7562	6	2	75	8	30	6	1
CQ12062	6	2	120	8	30	6	1
CQ5064	6	4	50	8	30	6	1
CQ7564	6	4	75	8	30	6	1
CQ12064	6	4	120	8	30	6	1
CQ5068	6	8	50	8	27	6	1
CQ7568	6	8	75	8	27	6	1
CQ5072	7	2	50	8	30	6	1
CQ7572	7	2	75	8	30	6	1
CQ12072	7	2	120	8	30	6	1
CQ5074	7	4	50	8	30	6	1
CQ7574	7	4	75	8	30	6	1
CQ12074	7	4	120	8	30	6	1
CQ5076	7	6	50	8	27	6	1
CQ7576	7	6	75	8	27	6	1
CQ5078	7	8	50	8	27	6	1
CQ7578	7	8	75	8	27	6	1
CQ5082	8	2	50	8	27	6	1
CQ7582	8	2	75	8	27	6	1
CQ12082	8	2	120	8	27	6	1
CQ5083	8	3	50	8	27	6	1
CQ7583	8	3	75	8	27	6	1
CQ5084	8	4	50	8	27	6	1
CQ7584	8	4	75	8	27	6	1
CQ12084	8	4	120	8	27	6	1
CQ5086	8	6	50	8	25	6	1
CQ7586	8	6	75	8	25	6	1
CQ5088	8	8	50	8	25	6	1
CQ7588	8	8	75	8	25	6	1

0.035" guidewire compatible

*Percutaneous Transluminal Angioplasty

ANGIOPLASTY

CONQUEST® PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		SHAFT LENGTH (CM)	NOMINAL PRESSURE (ATM)	RATED BURST PRESSURE (ATM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)					
CQ5092	9	2	50	8	26	7	1
CQ7592	9	2	75	8	26	7	1
CQ5094	9	4	50	8	26	7	1
CQ7594	9	4	75	8	26	7	1
CQ12094	9	4	120	8	26	7	1
CQ75102	10	2	75	8	24	7	1
CQ75104	10	4	75	8	24	7	1
CQ120104	10	4	120	8	24	7	1
CQ75122	12	2	75	8	20	8	1
CQ75124	12	4	75	8	20	8	1

0.035" guidewire compatible

*Percutaneous Transluminal Angioplasty

ANGIOPLASTY

CONQUEST® 40 PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		SHAFT LENGTH (CM)	NOMINAL PRESSURE (ATM)	RATED BURST PRESSURE (ATM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)					
CQF5042	4	2	50	8	40	6	1
CQF7542	4	2	75	8	40	6	1
CQF5044	4	4	50	8	40	6	1
CQF7544	4	4	75	8	40	6	1
CQF5046	4	6	50	8	40	6	1
CQF7546	4	6	75	8	40	6	1
CQF5048	4	8	50	8	40	6	1
CQF7548	4	8	75	8	40	6	1
CQF50410	4	10	50	8	40	6	1
CQF75410	4	10	75	8	40	6	1
CQF5052	5	2	50	8	40	6	1
CQF7552	5	2	75	8	40	6	1
CQF5054	5	4	50	8	40	6	1
CQF7554	5	4	75	8	40	6	1
CQF5056	5	6	50	8	40	6	1
CQF7556	5	6	75	8	40	6	1
CQF5058	5	8	50	8	40	6	1
CQF7558	5	8	75	8	40	6	1
CQF50510	5	10	50	8	40	6	1
CQF75510	5	10	75	8	40	6	1
CQF5062	6	2	50	8	40	6	1
CQF7562	6	2	75	8	40	6	1
CQF5064	6	4	50	8	40	6	1
CQF7564	6	4	75	8	40	6	1
CQF5066	6	6	50	8	40	6	1
CQF7566	6	6	75	8	40	6	1
CQF5068	6	8	50	8	40	6	1
CQF7568	6	8	75	8	40	6	1
CQF50610	6	10	50	8	40	6	1
CQF75610	6	10	75	8	40	6	1

0.035" guidewire compatible

*Percutaneous Transluminal Angioplasty

ANGIOPLASTY

CONQUEST® 40 PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		SHAFT LENGTH (CM)	NOMINAL PRESSURE (ATM)	RATED BURST PRESSURE (ATM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)					
CQF5072	7	2	50	8	40	6	1
CQF7572	7	2	75	8	40	6	1
CQF5074	7	4	50	8	40	6	1
CQF7574	7	4	75	8	40	6	1
CQF5076	7	6	50	8	40	6	1
CQF7576	7	6	75	8	40	6	1
CQF5078	7	8	50	8	40	6	1
CQF7578	7	8	75	8	40	6	1
CQF50710	7	10	50	8	40	6	1
CQF75710	7	10	75	8	40	6	1
CQF5082	8	2	50	8	40	6	1
CQF7582	8	2	75	8	40	6	1
CQF5083	8	3	50	8	40	6	1
CQF7583	8	3	75	8	40	6	1
CQF5084	8	4	50	8	40	6	1
CQF7584	8	4	75	8	40	6	1
CQF5086	8	6	50	8	35	6	1
CQF7586	8	6	75	8	35	6	1
CQF5088	8	8	50	8	35	6	1
CQF7588	8	8	75	8	35	6	1
CQF50810	8	10	50	8	35	6	1
CQF75810	8	10	75	8	35	6	1
CQF5092	9	2	50	8	35	7	1
CQF7592	9	2	75	8	35	7	1
CQF5094	9	4	50	8	35	7	1
CQF7594	9	4	75	8	35	7	1
CQF5098	9	8	50	8	35	7	1
CQF7598	9	8	75	8	35	7	1
CQF75102	10	2	75	8	35	7	1
CQF75104	10	4	75	8	35	7	1
CQF75108	10	8	75	8	35	7	1
CQF75122	12	2	75	8	30	8	1
CQF75124	12	4	75	8	30	8	1

0.035" guidewire compatible

*Percutaneous Transluminal Angioplasty

ANGIOPLASTY

DORADO® PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		SHAFT LENGTH (CM)	NOMINAL PRESSURE (ATM)	RATED BURST PRESSURE (ATM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)					
DR8032	3	2	80	8	24	5	1
DR13532	3	2	135	8	24	5	1
DR8034	3	4	80	8	24	5	1
DR13534	3	4	135	8	24	5	1
DR80310	3	10	80	8	24	5	1
DR135310	3	10	135	8	24	5	1
DR4042	4	2	40	8	24	5	1
DR8042	4	2	80	8	24	5	1
DR13542	4	2	135	8	24	5	1
DR4044	4	4	40	8	24	5	1
DR8044	4	4	80	8	24	5	1
DR12044	4	4	120	8	24	5	1
DR13544	4	4	135	8	24	5	1
DR80410	4	10	80	8	24	5	1
DR120410	4	10	120	8	24	5	1
DR135410	4	10	135	8	24	5	1
DR135412	4	12	135	8	24	5	1
DR135415	4	15	135	8	24	5	1
DR135417	4	17	135	8	24	5	1
DR135420	4	20	135	8	24	5	1
DR4052	5	2	40	8	24	5	1
DR8052	5	2	80	8	24	5	1
DR12052	5	2	120	8	24	5	1
DR13552	5	2	135	8	24	5	1
DR4054	5	4	40	8	24	5	1
DR8054	5	4	80	8	24	5	1
DR12054	5	4	120	8	24	5	1
DR13554	5	4	135	8	24	5	1
DR8056	5	6	80	8	24	5	1
DR13556	5	6	135	8	24	5	1
DR8058	5	8	80	8	24	5	1
DR13558	5	8	135	8	24	5	1

0.035" guidewire compatible

*Percutaneous Transluminal Angioplasty



ANGIOPLASTY

DORADO® PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		SHAFT LENGTH (CM)	NOMINAL PRESSURE (ATM)	RATED BURST PRESSURE (ATM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)					
DR80510	5	10	80	8	24	5	1
DR120510	5	10	120	8	24	5	1
DR135510	5	10	135	8	24	5	1
DR135512	5	12	135	8	24	6	1
DR135515	5	15	135	8	24	6	1
DR135517	5	17	135	8	24	6	1
DR135520	5	20	135	8	24	6	1
DR4062	6	2	40	8	24	6	1
DR8062	6	2	80	8	24	6	1
DR12062	6	2	120	8	24	6	1
DR13562	6	2	135	8	24	6	1
DR4064	6	4	40	8	24	6	1
DR8064	6	4	80	8	24	6	1
DR12064	6	4	120	8	24	6	1
DR13564	6	4	135	8	24	6	1
DR8066	6	6	80	8	24	6	1
DR13566	6	6	135	8	24	6	1
DR8068	6	8	80	8	24	6	1
DR13568	6	8	135	8	24	6	1
DR80610	6	10	80	8	22	6	1
DR120610	6	10	120	8	22	6	1
DR135610	6	10	135	8	22	6	1
DR80612	6	12	80	8	24	6	1
DR135612	6	12	135	8	24	6	1
DR80615	6	15	80	8	24	6	1
DR135615	6	15	135	8	24	6	1
DR80617	6	17	80	8	24	6	1
DR135617	6	17	135	8	24	6	1
DR80620	6	20	80	8	24	6	1
DR135620	6	20	135	8	24	6	1
DR4072	7	2	40	8	22	6	1
DR8072	7	2	80	8	22	6	1
DR13572	7	2	135	8	22	6	1

0.035" guidewire compatible

*Percutaneous Transluminal Angioplasty

ANGIOPLASTY

DORADO® PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		SHAFT LENGTH (CM)	NOMINAL PRESSURE (ATM)	RATED BURST PRESSURE (ATM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)					
DR4074	7	4	40	8	22	6	1
DR8074	7	4	80	8	22	6	1
DR12074	7	4	120	8	22	6	1
DR13574	7	4	135	8	22	6	1
DR8076	7	6	80	8	22	6	1
DR8078	7	8	80	8	22	6	1
DR80710	7	10	80	8	22	6	1
DR120710	7	10	120	8	22	6	1
DR135710	7	10	135	8	22	6	1
DR80712	7	12	80	8	24	5	1
DR135712	7	12	135	8	24	5	1
DR80715	7	15	80	8	24	5	1
DR135715	7	15	135	8	24	5	1
DR80717	7	17	80	8	24	5	1
DR135717	7	17	135	8	24	5	1
DR80720	7	20	80	8	24	5	1
DR135720	7	20	135	8	24	5	1
DR4082	8	2	40	8	22	6	1
DR8082	8	2	80	8	22	6	1
DR13582	8	2	135	8	22	6	1
DR4084	8	4	40	8	22	6	1
DR8084	8	4	80	8	22	6	1
DR12084	8	4	120	8	22	6	1
DR13584	8	4	135	8	22	6	1
DR8086	8	6	80	8	22	6	1
DR8088	8	8	80	8	22	6	1
DR80810	8	10	80	8	20	6	1
DR135810	8	10	135	8	20	6	1

0.035" guidewire compatible

*Percutaneous Transluminal Angioplasty

ANGIOPLASTY

DORADO® PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		SHAFT LENGTH (CM)	NOMINAL PRESSURE (ATM)	RATED BURST PRESSURE (ATM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)					
DR8092	9	2	80	8	20	6	1
DR4094	9	4	40	8	20	6	1
DR8094	9	4	80	8	20	6	1
DR13594	9	4	135	8	20	6	1
DR8098	9	8	80	8	20	6	1
DR80102	10	2	80	8	20	6	1
DR135102	10	2	135	8	20	6	1
DR80104	10	4	80	8	20	6	1
DR120104	10	4	120	8	20	6	1
DR135104	10	4	135	8	20	6	1
DR80108	10	8	80	8	20	7	1

0.035" guidewire compatible

*Percutaneous Transluminal Angioplasty

ANGIOPLASTY

RIVAL® PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		SHAFT LENGTH (CM)	NOMINAL PRESSURE (ATM)	RATED BURST PRESSURE (ATM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)					
RV8032	3	2	80	8	16	5	1
RV13532	3	2	135	8	16	5	1
RV8034	3	4	80	8	16	5	1
RV13534	3	4	135	8	16	5	1
RV80310	3	10	80	8	16	5	1
RV135310	3	10	135	8	16	5	1
RV8042	4	2	80	8	14	5	1
RV13542	4	2	135	8	14	5	1
RV8044	4	4	80	8	14	5	1
RV13544	4	4	135	8	14	5	1
RV80410	4	10	80	8	12	5	1
RV135410	4	10	135	8	12	5	1
RV80415	4	15	80	8	12	5	1
RV135415	4	15	135	8	12	5	1
RV8052	5	2	80	8	14	5	1
RV13552	5	2	135	8	14	5	1
RV8054	5	4	80	8	14	5	1
RV13554	5	4	135	8	14	5	1
RV8056	5	6	80	8	14	5	1
RV13556	5	6	135	8	14	5	1
RV8058	5	8	80	8	14	5	1
RV13558	5	8	135	8	14	5	1
RV80510	5	10	80	8	12	5	1
RV135510	5	10	135	8	12	5	1
RV80515	5	15	80	8	12	5	1
RV135515	5	15	135	8	12	5	1
RV8062	6	2	80	8	14	5	1
RV13562	6	2	135	8	14	5	1
RV8064	6	4	80	8	14	5	1
RV13564	6	4	135	8	14	5	1
RV8066	6	6	80	8	14	5	1
RV13566	6	6	135	8	14	5	1
RV8068	6	8	80	8	14	5	1
RV13568	6	8	135	8	14	5	1
RV80610	6	10	80	8	12	5	1
RV135610	6	10	135	8	12	5	1
RV80615	6	15	80	8	12	6	1
RV135615	6	15	135	8	12	6	1

0.035" guidewire compatible

*Percutaneous Transluminal Angioplasty

ANGIOPLASTY

RIVAL® PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		SHAFT LENGTH (CM)	NOMINAL PRESSURE (ATM)	RATED BURST PRESSURE (ATM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)					
RV8072	7	2	80	8	14	6	1
RV13572	7	2	135	8	14	6	1
RV8074	7	4	80	8	14	6	1
RV13574	7	4	135	8	14	6	1
RV8076	7	6	80	8	14	6	1
RV13576	7	6	135	8	14	6	1
RV8078	7	8	80	8	14	6	1
RV13578	7	8	135	8	14	6	1
RV8082	8	2	80	6	14	6	1
RV13582	8	2	135	6	14	6	1
RV8084	8	4	80	6	14	6	1
RV13584	8	4	135	6	14	6	1
RV8086	8	6	80	6	14	6	1
RV13586	8	6	135	6	14	6	1
RV8088	8	8	80	6	14	6	1
RV13588	8	8	135	6	14	6	1
RV8092	9	2	80	6	12	6	1
RV13592	9	2	135	6	12	6	1
RV8094	9	4	80	6	12	6	1
RV13594	9	4	135	6	12	6	1
RV80102	10	2	80	6	10	7	1
RV135102	10	2	135	6	10	7	1
RV80104	10	4	80	6	10	7	1
RV135104	10	4	135	6	10	7	1

0.035" guidewire compatible

*Percutaneous Transluminal Angioplasty

ANGIOPLASTY

ULTRAVERSE® 014 PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		CATHETER LENGTH (CM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)			
U41501H2	1.5	2	150	4F	1
U41501H4	1.5	4	150	4F	1
U41501H12	1.5	12	150	4F	1
U415022	2	2	150	4F	1
U415024	2	4	150	4F	1
U415028	2	8	150	4F	1
U4150210	2	10	150	4F	1
U4150212	2	12	150	4F	1
U4150215	2	15	150	4F	1
U4150222	2	22	150	4F	1
U4150230	2	30	150	4F	1
U41502H2	2.5	2	150	4F	1
U41502H4	2.5	4	150	4F	1
U41502H8	2.5	8	150	4F	1
U41502H10	2.5	10	150	4F	1
U41502H12	2.5	12	150	4F	1
U41502H15	2.5	15	150	4F	1
U41502H22	2.5	22	150	4F	1
U41502H30	2.5	30	150	4F	1
U415032	3	2	150	4F	1
U415034	3	4	150	4F	1
U415038	3	8	150	4F	1
U4150310	3	10	150	4F	1
U4150312	3	12	150	4F	1
U4150315	3	15	150	4F	1
U4150322	3	22	150	4F	1
U4150330	3	30	150	4F	1
U41503H2	3.5	2	150	4F	1
U41503H4	3.5	4	150	4F	1
U41503H8	3.5	8	150	4F	1
U41503H10	3.5	10	150	4F	1
U41503H12	3.5	12	150	4F	1
U41503H15	3.5	15	150	4F	1
U41503H22	3.5	22	150	4F	1
U41503H30	3.5	30	150	4F	1

0.014" guidewire compatible

*Percutaneous Transluminal Angioplasty

ANGIOPLASTY

ULTRAVERSE® 014 PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		CATHETER LENGTH (CM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)			
U415042	4	2	150	4F	1
U415044	4	4	150	4F	1
U415048	4	8	150	4F	1
U4150410	4	10	150	4F	1
U4150412	4	12	150	4F	1
U4150415	4	15	150	5F	1
U4150422	4	22	150	5F	1
U4150430	4	30	150	5F	1
U415052	5	2	150	5F	1
U415054	5	4	150	5F	1
U415058	5	8	150	5F	1
U4150510	5	10	150	5F	1
U4150512	5	12	150	5F	1
U4150515	5	15	150	5F	1
U4150522	5	22	150	5F	1
U4150530	5	30	150	5F	1

0.014" guidewire compatible

*Percutaneous Transluminal Angioplasty

ANGIOPLASTY

ULTRAVERSE® 018 PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		CATHETER LENGTH (CM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)			
U87522	2	2	75	4F	1
U87524	2	4	75	4F	1
U875210	2	10	75	4F	1
U875212	2	12	75	4F	1
U875215	2	15	75	4F	1
U875222	2	22	75	4F	1
U8752H2	2.5	2	75	4F	1
U8752H4	2.5	4	75	4F	1
U8752H10	2.5	10	75	4F	1
U8752H15	2.5	15	75	4F	1
U87532	3	2	75	4F	1
U87534	3	4	75	4F	1
U875310	3	10	75	4F	1
U875312	3	12	75	4F	1
U875315	3	15	75	4F	1
U875322	3	22	75	4F	1
U8753H2	3.5	2	75	4F	1
U8753H4	3.5	4	75	4F	1
U8753H10	3.5	10	75	4F	1
U8753H15	3.5	15	75	4F	1
U87542	4	2	75	4F	1
U87544	4	4	75	4F	1
U87546	4	6	75	4F	1
U875410	4	10	75	4F	1
U875412	4	12	75	4F	1
U875415	4	15	75	5F	1
U875422	4	22	75	5F	1
U87552	5	2	75	5F	1
U87554	5	4	75	5F	1
U87556	5	6	75	5F	1
U875510	5	10	75	5F	1
U875512	5	12	75	5F	1
U875515	5	15	75	5F	1
U875522	5	22	75	5F	1
U87562	6	2	75	5F	1
U87564	6	4	75	5F	1
U87566	6	6	75	5F	1
U875610	6	10	75	5F	1
U875612	6	12	75	5F	1
U875615	6	15	75	5F	1
U875622	6	22	75	5F	1

0.018" guidewire compatible

*Percutaneous Transluminal Angioplasty

ANGIOPLASTY

ULTRAVERSE® 018 PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		CATHETER LENGTH (CM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)			
U87574	7	4	75	5F	1
U87584	8	4	75	6F	1
U87594	9	4	75	6F	1
U813022	2	2	130	4F	1
U813024	2	4	130	4F	1
U813026	2	6	130	4F	1
U813028	2	8	130	4F	1
U8130210	2	10	130	4F	1
U8130212	2	12	130	4F	1
U8130215	2	15	130	4F	1
U8130222	2	22	130	4F	1
U8130230	2	30	130	4F	1
U81302H2	2.5	2	130	4F	1
U81302H4	2.5	4	130	4F	1
U81302H6	2.5	6	130	4F	1
U81302H8	2.5	8	130	4F	1
U81302H10	2.5	10	130	4F	1
U81302H12	2.5	12	130	4F	1
U81302H15	2.5	15	130	4F	1
U81302H22	2.5	22	130	4F	1
U81302H30	2.5	30	130	4F	1
U813032	3	2	130	4F	1
U813034	3	4	130	4F	1
U813036	3	6	130	4F	1
U813038	3	8	130	4F	1
U8130310	3	10	130	4F	1
U8130312	3	12	130	4F	1
U8130315	3	15	130	4F	1
U8130322	3	22	130	4F	1
U8130330	3	30	130	4F	1
U81303H2	3.5	2	130	4F	1
U81303H4	3.5	4	130	4F	1
U81303H6	3.5	6	130	4F	1
U81303H8	3.5	8	130	4F	1
U81303H10	3.5	10	130	4F	1
U81303H12	3.5	12	130	4F	1
U81303H15	3.5	15	130	4F	1
U81303H22	3.5	22	130	4F	1
U81303H30	3.5	30	130	4F	1

0.018" guidewire compatible

*Percutaneous Transluminal Angioplasty

For Ordering or Information: **1.800.321.4254**

CONFIDENTIAL AND PROPRIETARY 21

Please consult package inserts for more detailed safety information and instructions for use.

ANGIOPLASTY

ULTRAVERSE® 018 PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		CATHETER LENGTH (CM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)			
U813042	4	2	130	4F	1
U813044	4	4	130	4F	1
U813046	4	6	130	4F	1
U813048	4	8	130	4F	1
U8130410	4	10	130	4F	1
U8130412	4	12	130	4F	1
U8130415	4	15	130	5F	1
U8130422	4	22	130	5F	1
U8130430	4	30	130	5F	1
U813052	5	2	130	5F	1
U813054	5	4	130	5F	1
U813056	5	6	130	5F	1
U813058	5	8	130	5F	1
U8130510	5	10	130	5F	1
U8130512	5	12	130	5F	1
U8130515	5	15	130	5F	1
U8130522	5	22	130	5F	1
U8130530	5	30	130	5F	1
U813062	6	2	130	5F	1
U813064	6	4	130	5F	1
U813066	6	6	130	5F	1
U813068	6	8	130	5F	1
U8130610	6	10	130	5F	1
U8130612	6	12	130	5F	1
U8130615	6	15	130	5F	1
U8130622	6	22	130	5F	1
U8130630	6	30	130	5F	1
U813074	7	4	130	5F	1
U813084	8	4	130	6F	1
U813094	9	4	130	6F	1

0.018" guidewire compatible

*Percutaneous Transluminal Angioplasty

ANGIOPLASTY

ULTRAVERSE® 018 PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		CATHETER LENGTH (CM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)			
U815022	2	2	150	4F	1
U815024	2	4	150	4F	1
U815026	2	6	150	4F	1
U815028	2	8	150	4F	1
U8150210	2	10	150	4F	1
U8150212	2	12	150	4F	1
U8150215	2	15	150	4F	1
U8150222	2	22	150	4F	1
U8150230	2	30	150	4F	1
U81502H2	2.5	2	150	4F	1
U81502H4	2.5	4	150	4F	1
U81502H6	2.5	6	150	4F	1
U81502H8	2.5	8	150	4F	1
U81502H10	2.5	10	150	4F	1
U81502H12	2.5	12	150	4F	1
U81502H15	2.5	15	150	4F	1
U81502H22	2.5	22	150	4F	1
U81502H30	2.5	30	150	4F	1
U815032	3	2	150	4F	1
U815034	3	4	150	4F	1
U815036	3	6	150	4F	1
U815038	3	8	150	4F	1
U8150310	3	10	150	4F	1
U8150312	3	12	150	4F	1
U8150315	3	15	150	4F	1
U8150322	3	22	150	4F	1
U8150330	3	30	150	4F	1
U81503H2	3.5	2	150	4F	1
U81503H4	3.5	4	150	4F	1
U81503H6	3.5	6	150	4F	1
U81503H8	3.5	8	150	4F	1
U81503H10	3.5	10	150	4F	1
U81503H12	3.5	12	150	4F	1
U81503H15	3.5	15	150	4F	1
U81503H22	3.5	22	150	4F	1
U81503H30	3.5	30	150	4F	1

0.018" guidewire compatible

*Percutaneous Transluminal Angioplasty

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ULTRAVERSE® 018 PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		CATHETER LENGTH (CM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)			
U815042	4	2	150	4F	1
U815044	4	4	150	4F	1
U815046	4	6	150	4F	1
U815048	4	8	150	4F	1
U8150410	4	10	150	4F	1
U8150412	4	12	150	4F	1
U8150415	4	15	150	5F	1
U8150422	4	22	150	5F	1
U8150430	4	30	150	5F	1
U815052	5	2	150	5F	1
U815054	5	4	150	5F	1
U815056	5	6	150	5F	1
U815058	5	8	150	5F	1
U8150510	5	10	150	5F	1
U8150512	5	12	150	5F	1
U8150515	5	15	150	5F	1
U8150522	5	22	150	5F	1
U8150530	5	30	150	5F	1

0.018" guidewire compatible

*Percutaneous Transluminal Angioplasty

ANGIOPLASTY

ULTRAVERSE® RX PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		CATHETER LENGTH (CM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)			
U41501Q1HRX	1.25	1.5	150	4F	1
U41501Q2RX	1.25	2	150	4F	1
U41501Q4RX	1.25	4	150	4F	1
U41501H1HRX	1.5	1.5	150	4F	1
U41501H2RX	1.5	2	150	4F	1
U41501H4RX	1.5	4	150	4F	1
U41501H8RX	1.5	8	150	4F	1
U41501H12RX	1.5	12	150	4F	1
U415021HRX	2	1.5	150	4F	1
U415022RX	2	2	150	4F	1
U415024RX	2	4	150	4F	1
U415026RX	2	6	150	4F	1
U415028RX	2	8	150	4F	1
U4150210RX	2	10	150	4F	1
U4150212RX	2	12	150	4F	1
U4150215RX	2	15	150	4F	1
U4150220RX	2	20	150	4F	1
U4150225RX	2	25	150	4F	1
U4150230RX	2	30	150	4F	1
U41502H1HRX	2.5	1.5	150	4F	1
U41502H2RX	2.5	2	150	4F	1
U41502H4RX	2.5	4	150	4F	1
U41502H6RX	2.5	6	150	4F	1
U41502H8RX	2.5	8	150	4F	1
U41502H10RX	2.5	10	150	4F	1
U41502H12RX	2.5	12	150	4F	1
U41502H15RX	2.5	15	150	4F	1
U41502H20RX	2.5	20	150	4F	1
U41502H25RX	2.5	25	150	4F	1
U41502H30RX	2.5	30	150	4F	1
U415031HRX	3	1.5	150	4F	1
U415032RX	3	2	150	4F	1
U415034RX	3	4	150	4F	1
U415036RX	3	6	150	4F	1
U415038RX	3	8	150	4F	1
U4150310RX	3	10	150	4F	1
U4150312RX	3	12	150	4F	1
U4150315RX	3	15	150	4F	1
U4150320RX	3	20	150	4F	1
U4150325RX	3	25	150	4F	1
U4150330RX	3	30	150	4F	1

0.014" guidewire compatible

*Percutaneous Transluminal Angioplasty

For Ordering or Information: **1.800.321.4254**

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Please consult package inserts for more detailed safety information and instructions for use.

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ULTRAVERSE® RX PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		CATHETER LENGTH (CM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)			
U41503H1HRX	3.5	1.5	150	4F	1
U41503H2RX	3.5	2	150	4F	1
U41503H4RX	3.5	4	150	4F	1
U41503H6RX	3.5	6	150	4F	1
U41503H8RX	3.5	8	150	4F	1
U41503H10RX	3.5	10	150	4F	1
U41503H12RX	3.5	12	150	4F	1
U41503H15RX	3.5	15	150	4F	1
U41503H20RX	3.5	20	150	4F	1
U41503H25RX	3.5	25	150	4F	1
U41503H30RX	3.5	30	150	4F	1
U415041HRX	4	1.5	150	4F	1
U415042RX	4	2	150	4F	1
U415044RX	4	4	150	4F	1
U415046RX	4	6	150	4F	1
U415048RX	4	8	150	4F	1
U4150410RX	4	10	150	4F	1
U4150412RX	4	12	150	4F	1
U4150415RX	4	15	150	5F	1
U4150420RX	4	20	150	5F	1
U4150425RX	4	25	150	5F	1
U4150430RX	4	30	150	5F	1
U415051HRX	5	1.5	150	5F	1
U415052RX	5	2	150	5F	1
U415054RX	5	4	150	5F	1
U415056RX	5	6	150	5F	1
U415058RX	5	8	150	5F	1
U4150510RX	5	10	150	5F	1
U4150512RX	5	12	150	5F	1
U4150515RX	5	15	150	5F	1
U4150520RX	5	20	150	5F	1
U4150525RX	5	25	150	5F	1
U4150530RX	5	30	150	5F	1
U415064RX	6	4	150	5F	1
U415066RX	6	6	150	5F	1
U415074RX	7	4	150	5F	1
U415076RX	7	6	150	5F	1

0.014" guidewire compatible

*Percutaneous Transluminal Angioplasty

ANGIOPLASTY

ULTRAVERSE® RX PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		CATHETER LENGTH (CM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)			
U42001Q1HRX	1.25	1.5	200	4F	1
U42001Q2RX	1.25	2	200	4F	1
U42001Q4RX	1.25	4	200	4F	1
U42001H1HRX	1.5	1.5	200	4F	1
U42001H2RX	1.5	2	200	4F	1
U42001H4RX	1.5	4	200	4F	1
U420021HRX	2	1.5	200	4F	1
U420022RX	2	2	200	4F	1
U420024RX	2	4	200	4F	1
U4200210RX	2	10	200	4F	1
U4200220RX	2	20	200	4F	1
U4200230RX	2	30	200	4F	1
U42002H1HRX	2.5	1.5	200	4F	1
U42002H2RX	2.5	2	200	4F	1
U42002H4RX	2.5	4	200	4F	1
U42002H10RX	2.5	10	200	4F	1
U42002H20RX	2.5	20	200	4F	1
U42002H30RX	2.5	30	200	4F	1
U420031HRX	3	1.5	200	4F	1
U420032RX	3	2	200	4F	1
U420034RX	3	4	200	4F	1
U4200310RX	3	10	200	4F	1
U4200320RX	3	20	200	4F	1
U4200330RX	3	30	200	4F	1
U42003H1HRX	3.5	1.5	200	4F	1
U42003H2RX	3.5	2	200	4F	1
U42003H4RX	3.5	4	200	4F	1
U42003H10RX	3.5	10	200	4F	1
U42003H20RX	3.5	20	200	4F	1
U42003H30RX	3.5	30	200	4F	1
U420041HRX	4	1.5	200	4F	1
U420042RX	4	2	200	4F	1
U420044RX	4	4	200	4F	1
U4200410RX	4	10	200	4F	1
U4200420RX	4	20	200	5F	1
U4200430RX	4	30	200	5F	1

0.014" guidewire compatible

*Percutaneous Transluminal Angioplasty

ANGIOPLASTY

VASCUTrak® PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		CATHETER LENGTH (CM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)			
V142020	2	2	140	5F	1
V142040	2	4	140	5F	1
V142060	2	6	140	5F	1
V142080	2	8	140	5F	1
V1420100	2	10	140	5F	1
V1420120	2	12	140	5F	1
V1420150	2	15	140	5F	1
V1420200	2	20	140	5F	1
V1420250	2	25	140	5F	1
V1420300	2	30	140	5F	1
V142520	2.5	2	140	5F	1
V142540	2.5	4	140	5F	1
V142560	2.5	6	140	5F	1
V142580	2.5	8	140	5F	1
V1425100	2.5	10	140	5F	1
V1425120	2.5	12	140	5F	1
V1425150	2.5	15	140	5F	1
V1425200	2.5	20	140	5F	1
V1425250	2.5	25	140	5F	1
V1425300	2.5	30	140	5F	1
V143020	3	2	140	5F	1
V143040	3	4	140	5F	1
V143060	3	6	140	5F	1
V143080	3	8	140	5F	1
V1430100	3	10	140	5F	1
V1430120	3	12	140	5F	1
V1430150	3	15	140	5F	1
V1430200	3	20	140	5F	1
V1430250	3	25	140	5F	1
V1430300	3	30	140	5F	1

0.014" guidewire compatible

*Percutaneous Transluminal Angioplasty

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VASCUTrak® PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		CATHETER LENGTH (CM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)			
V143520	3.5	2	140	5F	1
V143540	3.5	4	140	5F	1
V143560	3.5	6	140	5F	1
V143580	3.5	8	140	5F	1
V1435100	3.5	10	140	5F	1
V1435120	3.5	12	140	5F	1
V1435150	3.5	15	140	5F	1
V1435200	3.5	20	140	5F	1
V1435250	3.5	25	140	5F	1
V1435300	3.5	30	140	5F	1

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V184020	4	2	140	5F	1
V184040	4	4	140	5F	1
V184060	4	6	140	5F	1
V184080	4	8	140	5F	1
V1840100	4	10	140	5F	1
V1840150	4	15	140	5F	1
V1840200	4	20	140	5F	1
V1840300	4	30	140	5F	1

V185020	5	2	140	6F	1
V185040	5	4	140	6F	1
V185060	5	6	140	6F	1
V185080	5	8	140	6F	1
V1850100	5	10	140	6F	1
V1850120	5	12	140	6F	1
V1850150	5	15	140	6F	1
V1850200	5	20	140	6F	1
V1850250	5	25	140	6F	1
V1850300	5	30	140	6F	1

0.018" guidewire compatible

*Percutaneous Transluminal Angioplasty

ANGIOPLASTY

VASCUTrak® PTA* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		CATHETER LENGTH (CM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)			
V186020	6	2	140	7F	1
V186040	6	4	140	7F	1
V186060	6	6	140	7F	1
V186080	6	8	140	7F	1
V1860100	6	10	140	7F	1
V1860120	6	12	140	7F	1
V1860150	6	15	140	7F	1
V1860200	6	20	140	7F	1
V1860250	6	25	140	7F	1
V1860300	6	30	140	7F	1
V187020	7	2	140	7F	1
V187040	7	4	140	7F	1
V187060	7	6	140	7F	1
V187080	7	8	140	7F	1
V1870100	7	10	140	7F	1
V1870120	7	12	140	7F	1
V1870150	7	15	140	7F	1
V1870200	7	20	140	7F	1
V1870250	7	25	140	7F	1
V1870300	7	30	140	7F	1

0.018" guidewire compatible

*Percutaneous Transluminal Angioplasty

ANGIOPLASTY

VASCUTrak® PTA* Balloon Dilatation Catheters

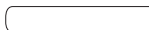
PRODUCT CODE	BALLOON		CATHETER LENGTH (CM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)			
V184020S	4	2	80	5F	1
V184040S	4	4	80	5F	1
V184060S	4	6	80	5F	1
V184080S	4	8	80	5F	1
V1840100S	4	10	80	5F	1
V1840150S	4	15	80	5F	1
V1840200S	4	20	80	5F	1
V1840300S	4	30	80	5F	1
V185020S	5	2	80	6F	1
V185040S	5	4	80	6F	1
V185060S	5	6	80	6F	1
V185080S	5	8	80	6F	1
V1850100S	5	10	80	6F	1
V1850150S	5	15	80	6F	1
V1850200S	5	20	80	6F	1
V1850300S	5	30	80	6F	1
V186020S	6	2	80	7F	1
V186040S	6	4	80	7F	1
V186060S	6	6	80	7F	1
V186080S	6	8	80	7F	1
V1860100S	6	10	80	7F	1
V1860150S	6	15	80	7F	1
V1860200S	6	20	80	7F	1
V1860300S	6	30	80	7F	1
V187020S	7	2	80	7F	1
V187040S	7	4	80	7F	1
V187060S	7	6	80	7F	1
V187080S	7	8	80	7F	1
V1870100S	7	10	80	7F	1

0.018" guidewire compatible

*Percutaneous Transluminal Angioplasty

CARDIOVASCULAR PATCHES, FABRICS, FELTS AND PLEDGETS

Cardiovascular Patches - ePTFE

PRODUCT CODE	DIMENSIONS	UNITS/EACH	
ePTFE Cardiovascular Patch – 0.4 mm Thickness (Oval Shaped)			
10P9004	10 mm x 90 mm	1	Thinwall 
20P9004	20 mm x 90 mm	1	
30P6004	30 mm x 60 mm	1	
ePTFE Cardiovascular Patch – 0.6 mm Thickness (Rectangular Shaped)			
30P3006	30 mm x 30 mm	1	Regular Wall 
50P7506	50 mm x 75 mm	1	
25P15006	25 mm x 150 mm	1	
50P15006	50 mm x 150 mm	1	
100P15006	100 mm x 150 mm	1	

Fabrics - Polyester and PTFE

DIMENSIONS			
PRODUCT CODE	DIAMETER	LENGTH	UNITS/CASE
BARD® SAUVAGE® Filamentous Fabric (Nominal Thickness 0.61 mm)			
007942	1" x 4"	2.5 cm x 10 cm	10
007943	2" x 2"	5 cm x 5 cm	10
007944	2" x 4"	5 cm x 10 cm	10
007828	4" x 4"	10 cm x 10 cm	5
007829	6" x 6"	15 cm x 15 cm	5
007940	3/8" x 6"	1 cm x 15.2 cm	10
BARD® DeBAKEY® Double Velour Fabric (Nominal Thickness 1.50 mm)			
007937	1" x 4"	2.5 cm x 10 cm	10
007939	2" x 4"	5 cm x 10 cm	10
007826	4" x 4"	10 cm x 10 cm	5
007827	6" x 6"	15 cm x 15 cm	5
BARD® DeBAKEY® Elastic Knit Fabric (Nominal Thickness 0.57 mm)			
007830	4" x 4"	10 cm x 10 cm	5
007831	6" x 6"	15 cm x 15 cm	5
BARD® DeBAKEY® Woven Fabric (Nominal Thickness 0.25 mm)			
007957	2" x 4"	5 cm x 10 cm	10
007955	4" x 4"	10 cm x 10 cm	5
007956	6" x 6"	15 cm x 15 cm	5
BARD® Edwards Outflow Tract Fabric (Nominal Thickness 0.91 mm)			
007979	2" x 4"	5 cm x 10 cm	10
007834	4" x 4"	10 cm x 10 cm	5
007835	6" x 6"	15 cm x 15 cm	5

Polyester Fabrics



Polyester Fabrics



Polyester Fabrics



Polyester Fabrics



PTFE Fabrics



CARDIOVASCULAR PATCHES, FABRICS, FELTS AND PLEDGETS

Felts - PTFE and Polyester

PRODUCT CODE	DIMENSIONS		UNITS/CASE
	DIAMETER	LENGTH	
PTFE Felts (Nominal Thickness 1.65 mm)			
007975	1/2" x 4"	1.2 cm x 10 cm	10
007973	1" x 1"	2.5 cm x 2.5 cm	10
007968	1" x 4"	2.5 cm x 10.2 cm	10
007976	1" x 6"	2.5 cm x 15 cm	10
007974	1/4" x 2"	6 mm x 5.1 cm	10
007977	2" x 2"	5 cm x 5 cm	10
007836	4" x 4"	10 cm x 10 cm	5
007837	6" x 6"	15 cm x 15 cm	5
PTFE Felts (Thick) (Nominal Thickness 2.87 mm)			
007018	3/8" x 6"	1 cm x 15.2 cm	20
007019	1" x 1"	2.5 cm x 2.5 cm	5
007958	4" x 4"	10 cm x 10 cm	5
007959	6" x 6"	15 cm x 15 cm	5
Low Porosity PTFE Felts (Nominal Thickness 1.85 mm)			
007021	1" x 1"	2.5 cm x 2.5 cm	5
007838	4" x 4"	10 cm x 10 cm	5
007839	6" x 6"	15 cm x 15 cm	5
Polyester Felts (Nominal Thickness 1.65 mm)			
008972	6" x 6"	15 cm x 15 cm	5

PTFE Felts

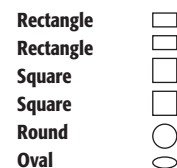


Polyester Felts



Pledgets - PTFE

DIMENSIONS			
PRODUCT CODE	DIAMETER	LENGTH	UNITS/CASE
BARD® PTFE Felt Pledgets (Nominal Thickness 1.65 mm)			
007970	3/16" X 1/4"	4.8 mm x 6 mm	250
007963	3/16" X 3/8"	4.8 mm x 9.5 mm	250
007965	1/4" X 1/4"	6 mm x 6 mm	250
007972	5/16" X 5/16"	8 mm x 8 mm	250
007984	3/16"	4.8 mm	250
007969	3/16" X 1/4"	4.8 mm x 6 mm	250
BARD® PTFE Thick Felt Pledgets (Nominal Thickness 2.87 mm)			
007971	1/4"	6 mm	250

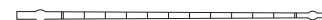
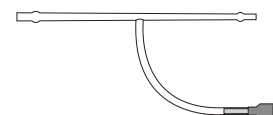
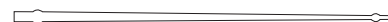


PTFE Pledgets are packed 10 per sterile pouch, 25 pouches per box.

CAROTID SHUNTS

Carotid Shunts

PRODUCT CODE	DIMENSIONS		UNITS/CASE
	DIAMETER	LENGTH	
BARD® Carotid Bypass Shunt (Straight), No Side Hole, Type 1885			
S11885003	8F	10 cm	5
S11885004	8F	13 cm	5
S11885001	10F	10 cm	5
000671	10F	13 cm	5
000673	12F	13 cm	5
000675	14F	13 cm	5
000677	16F	13 cm	5
BARD® Carotid Bypass Shunt (Straight), One Side Hole Each End, Type 1886			
S11886001	8F	13 cm	5
000679	10F	13 cm	5
S11886006	11F	13 cm	5
S11886003	12F	10 cm	5
000681	12F	13 cm	5
000683	14F	13 cm	5
000685	16F	13 cm	5
BARD® JAVID™ Carotid Bypass Shunt, Type 1852			
007714	17F Tapered to 10F	27.5 cm	5
SGA155001	14F Tapered to 8F	13 cm	5
BARD® BRENER™ Carotid Bypass Shunt, Type 1887			
007755 with access "T" side arm	14F Tapered to 8F	13 cm	5
S11887002 with access "T" side arm	17F Tapered to 10F	13 cm	5
BARD® BURBANK™ Carotid Bypass Shunt			
SGA149001	15F Tapered to 10F	15.5 cm	5
SGA150001	12F Tapered to 9F	15.5 cm	5
SGA162001	18F Tapered to 12F	15.5 cm	5
BARD® Carotid Bypass Shunt (Straight), One Side Hole at One End			
SGA240001	12F	15.5 cm	5



CENTRAL VENOUS CATHETERS

BROVIAC® Central Venous Catheter

PRODUCT CODE	FRENCH SIZE	TOTAL LENGTH	VOLUME	LUMEN SIZE (OD/ID)	REPAIR KIT	UNITS/EACH
Single Lumen, Cutdown Introducer						
0600040	2.7 F	71 cm	0.15 ml	0.9 mm / 0.5 mm	0601600	1

BROVIAC® Central Venous Catheter Repair Kits

PRODUCT CODE	FRENCH SIZE	LUMEN SIZE (OD/ID)	COLOR	UNITS/EACH
Single Lumen				
0601600	2.7 F	0.9 mm / 0.5 mm	White	1
0601610	4.2 F	1.4 mm / 0.7 mm	White	1
0601620	6.6 F	2.2 mm / 1.0 mm	White	1

For additional accessories, see page 41.

CENTRAL VENOUS CATHETERS

GROSHONG® Central Venous Catheter

PRODUCT CODE	FRENCH SIZE	REPAIR KIT	UNITS/CASE
Single Lumen, Peel-Apart Introducer			
7711700	7 F	7741700	5
7711800	8 F	7741800	5
Dual Lumen, Peel-Apart Introducer			
7726950	9.5 F	7742000 body 7740000 red and white legs	5

GROSHONG® Central Venous Catheter Repair Kits

PRODUCT CODE	FRENCH SIZE	COLOR	UNITS/CASE
Single Lumen			
7741550	5.5 F	Yellow	5
7741700	7 F	Pink	5
7741800	8 F	Orange	5
Dual Lumen			
7742000	9.5 F	Red/White	5

GROSHONG® Central Venous Catheter Replacement Connectors

PRODUCT CODE	FRENCH SIZE	COLOR	UNITS/CASE
Single Lumen			
7712550	5.5 F	Yellow	10
7712700	7 F	Pink	10
7712800	8 F	Orange	10
Dual Lumen			
7712500	9.5 / 5 F	Red	10
7712510	9.5 / 5 F	White	10

GROSHONG® Central Venous Catheter Additional Accessories

PRODUCT CODE	DESCRIPTION	UNITS/CASE
7740100	Injection Cap	25
0601940	Stainless Steel Tunneler	5

For additional accessories, see page 41.

CENTRAL VENOUS CATHETERS

HICKMAN® Central Venous Catheter

PRODUCT CODE	FRENCH SIZE	TOTAL LENGTH	VOLUME	LUMEN SIZE (OD/ID)	REPAIR KIT	UNITS/ EACH
Single Lumen, Peel-Apart Introducer						
0600560	9.6 F	90 cm	1.8 ml	3.2 mm / 1.6 mm	0601630	1
Dual Lumen, Peel-Apart Introducer						
0600570	7 F	65 cm	0.8 ml red 0.6 ml white	2.3 mm 1.0 mm red 0.8 mm white	0601690 red 0601680 white	1
0600580	9 F	65 cm	1.3 ml red 0.6 ml white	3.0 mm 1.3 mm red 0.7 mm white	0601700 body 0601690 red 0601680 white	1
0600600	9 F	90 cm	1.3 ml red 0.6 ml white	3.0 mm 1.3 mm red 0.7 mm white	0601700 body 0601690 red 0601680 white	1
0600620	12 F	90 cm	1.8 ml red 1.8 ml white	4.0 mm 1.6 mm red 1.6 mm white	0601710 body 0601690 red 0601680 white	1
Triple Lumen, Peel-Apart Introducer						
0606560	10 F	97 cm	1.4 ml red 0.8 ml white 0.8 ml blue	3.3 mm 1.5 mm red 0.8 mm white 0.8 mm blue	0601790 body 0601690 red 0601680 white 0601730 blue	1
0600650	12.5 F	90 cm	1.6 ml red 0.7 ml white 0.7 ml blue	4.2 mm 1.5 mm red 1.0 mm white 1.0 mm blue	0601740 body 0601690 red 0601680 white 0601730 blue	1

HICKMAN® TRIFUSION® Central Venous Catheter

PRODUCT CODE	FRENCH SIZE	LENGTH (TIP TO CUFF)	TOTAL LENGTH	UNITS/ EACH
Triple Lumen, Intermediate Tray				
0609190	12 F	19 cm	24 cm	1
0609230	12 F	23 cm	28 cm	1
0609270	12 F	27 cm	32 cm	1
Triple Lumen, Microintroducer Tray				
0659190	12 F	19 cm	24 cm	1
0659230	12 F	23 cm	28 cm	1
0659270	12 F	27 cm	32 cm	1

CENTRAL VENOUS CATHETERS

HICKMAN® Central Venous Catheter Repair Kits

PRODUCT CODE	FRENCH SIZE	COLOR	UNITS/EACH
Single Lumen			
0601630	9.6 F	White	1
Dual Lumen			
0601760	7 F	Red/White	1
0601700	9 F	Red/White	1
0601710	12 F	Red/White	1
0601770	13.5 F	Blue	1
0601780	13.5 F	Red	1
Triple Lumen			
0601730	All except 13.5 F	Blue	1
0601790	10 F	Red/White/Blue	1
0601740	12.5 F	Red/White/Blue	1

HICKMAN® / LEONARD® Central Venous Catheter Repair Kit

PRODUCT CODE	FRENCH SIZE	COLOR	UNITS/EACH
Dual/Triple Lumen			
0601680	All except 13.5 F	White	1
0601690	All except 13.5 F	Red	1

HICKMAN® Central Venous Catheter Additional Accessories

PRODUCT CODE	DESCRIPTION	UNITS/EACH
0601720	Adhesive Kit	1
0601860	Injection Cap	50

For additional accessories, see page 41.

CENTRAL VENOUS CATHETERS

LEONARD® Central Venous Catheter

PRODUCT CODE	FRENCH SIZE	TOTAL LENGTH	VOLUME	LUMEN SIZE (OD/ID)	REPAIR KIT	UNITS/ EACH
Dual Lumen, Peel-Apart Introducer						
0600630	10 F	90 cm	1.3 ml red 1.3 ml white	3.3 mm 1.3 mm red 1.3 mm white	0601750 body 0601690 red 0601680 white	1

LEONARD® Central Venous Catheter Repair Kit

PRODUCT CODE	FRENCH SIZE	COLOR	UNITS/ EACH
Dual Lumen			
0601750	10 F	Red/White	1

For additional accessories, see page 41.

CENTRAL VENOUS CATHETERS

POWERHICKMAN® Central Venous Catheter*

PRODUCT CODE	FRENCH SIZE	GAUGE SIZE	AVERAGE GRAVITY FLOW RATE	PRIMING VOLUME	LENGTH BIFURCATION TO TIP	LUMEN SIZE (ID)	CUFF POSITION	UNITS/CASE
Single Lumen, Intermediate Tray, Peel-Apart Introducer								
0805810	8 F	14 Ga	6780 ml/hr	1.5 ml	47 cm	.060 ID	Cuff at 5 cm	5
Single Lumen, Microintroducer Tray, Microintroducer								
0802815	8 F	14 Ga	6780 ml/hr	1.5 ml	47 cm	.060 ID	Cuff at 2 cm	5
0805815	8 F	14 Ga	6780 ml/hr	1.5 ml	47 cm	.060 ID	Cuff at 5 cm	5
Dual Lumen, Intermediate Tray, Peel-Apart Introducer								
0805910	9.5 F	15 Ga 15 Ga	3505 ml/hr 3505 ml/hr	1.3 ml 1.3 ml	47 cm	.036 ID	Cuff at 5 cm	5
Dual Lumen, Microintroducer Tray, Microintroducer								
0802915	9.5 F	15 Ga 15 Ga	3505 ml/hr 3505 ml/hr	1.3 ml 1.3 ml	47 cm	.036 ID	Cuff at 2 cm	5
0805915	9.5 F	15 Ga 15 Ga	3505 ml/hr 3505 ml/hr	1.3 ml 1.3 ml	47 cm	.036 ID	Cuff at 5 cm	5

*Maximum Power Injector Pressure Setting is 300 psi, Maximum Power Injection Flow Rate is 5 ml/sec.

POWERLINE® Central Venous Catheter

PRODUCT CODE	FRENCH SIZE	AVERAGE GRAVITY FLOW RATE	PRIMING VOLUME	UNITS/CASE
Single Lumen, Microintroducer Tray, MicroEZ® Introducer				
0700515	5 F	1245 ml/hr	0.62 ml	5
Dual Lumen, Intermediate Tray, Peel-Apart Introducer				
0700610	6 F	981 ml/hr 981 ml/hr	0.61 ml 0.61 ml	5
Dual Lumen, Microintroducer Tray, MicroEZ® Introducer				
0700615	6 F	981 ml/hr 981 ml/hr	0.61 ml 0.61 ml	5
0720515	5 F	577 ml/hr 577 ml/hr	0.55 ml 0.55 ml	5
Triple Lumen, Intermediate Tray, Peel-Apart Introducer				
0730610	6 F	924 ml/hr 360 ml/hr 360 ml/hr	0.67 ml 0.45 ml 0.45 ml	5
Triple Lumen, Microintroducer Tray, MicroEZ® Introducer				
0730615	6 F	924 ml/hr 360 ml/hr 360 ml/hr	0.67 ml 0.45 ml 0.45 ml	5

CENTRAL VENOUS CATHETERS

Catheter Clamp

PRODUCT CODE	DESCRIPTION	UNITS/CASE
0601870	Non-Sterile Catheter Clamps	3

PTFE Peel-Apart Introducers

PRODUCT CODE	FRENCH SIZE	TOTAL LENGTH	UNITS/EACH
0601150	5 F	10.5 cm	1
0601165	6.5 F	15 cm	1
0601170	7 F	13 cm	1
0607770	7 F	15 cm	1
0607780	8 F	15 cm	1
0601110	10 F	15 cm	1
0607710	10 F	15 cm	1
0601113	13 F	15 cm	1
0601114	14 F	14 cm	1
0601115	15 F	14 cm	1

Tunnelers for HICKMAN® / BROVIAC® / LEONARD®

PRODUCT CODE	DESCRIPTION	UNITS/CASE
0601930	Plastic Tunneler	5

CTO CATHETERS

CROSSER® CTO Recanalization Catheters

PRODUCT CODE	DESCRIPTION	LENGTH (cm)	PLATFORM	UNITS/EACH
CROSSER® Catheters - Peripheral				
CRUS6106	CROSSER® Catheter S6	106	no wire	1
CRUS6A	CROSSER® Catheter S6	154	no wire	1
CRUP106	CROSSER® Catheter 14P	106	RX	1
CRUOP106	CROSSER® Catheter 14P	106	OTW	1
CRU14PA	CROSSER® Catheter 14P	146	RX	1
CRUO14PA	CROSSER® Catheter 14P	146	OTW	1
CRUS106	CROSSER® Catheter 14S	106	RX	1
CRUOS106	CROSSER® Catheter 14S	106	OTW	1
CRU14SA	CROSSER® Catheter 14S	146	RX	1
CRUO14SA	CROSSER® Catheter 14S	146	OTW	1
CRU18A	CROSSER® Catheter 18	125	RX	1
CROSSER® Catheter System Electronics				
GEN200	CROSSER® Generator			1
INJ100	FLOWMATE® Injector			1
CROSSER® Catheter System Electronics - Recommended Adjunctive Devices				
INJKIT	FLOWMATE® Procedural Kit			5/case

CTO SUPPORT CATHETERS AND GUIDEWIRES

PORTER® Guidewires

PRODUCT CODE	DIAMETER	LENGTH (CM)	TIP STIFFNESS	UNITS/CASE
GWP1403	.014"	195	3 g	5/case
GWP1406	.014"	195	6 g	5/case
GWP1403X	.014"	300	3 g	5/case
GWP1406X	.014"	300	6 g	5/case
GWP1409X	.014"	300	9 g	5/case
GWP1412X	.014"	300	12 g	5/case

SIDEKICK® Support Catheters

PRODUCT CODE	LENGTH (CM)	SHAPE	UNITS/EACH
For Use with CROSSER® Catheters 14P and 14S			
SD70	70	Straight	1
SD70A	70	Angled	1
SD70T	70	Straight Tapered	1
SD70AT	70	Angled Tapered	1
SD110	110	Straight	1
SD110A	110	Tapered	1
SD110T	110	Straight Tapered	1
SD110AT	110	Angled Tapered	1

USHER® Support Catheters

PRODUCT CODE	LENGTH (CM)	SHAPE	UNITS/EACH
For Use with CROSSER® Catheter S6			
USH83T	83	Straight Tapered	1
USH83AT	83	Angled Tapered	1
USH130T	130	Straight Tapered	1
USH130AT	130	Angled Tapered	1

CROSSING SUPPORT CATHETERS

SEEKER® Crossing Support Catheters

PRODUCT CODE	WIRE COMPATIBILITY	CATHETER LENGTH	UNITS/CASE
SK13514	.014"	135 cm	5/case
SK15014	.014"	150 cm	5/case
SK9018	.018"	90 cm	5/case
SK13518	.018"	135 cm	5/case
SK15018	.018"	150 cm	5/case
SK6535M	.035"	65 cm	5/case
SK9035M	.035"	90 cm	5/case
SK13535M	.035"	135 cm	5/case
SK15035M	.035"	150 cm	5/case

HEMODIALYSIS CATHETERS (LONG-TERM)

DECATHLON® DF Long-Term Hemodialysis Catheter with AIRGUARD® Valved Introducer

PRODUCT CODE	CATHETER SIZE	INSERTION LENGTH (TIP TO CUFF)	CATHETER LENGTH	TIP STYLE	UNITS/CASE
Straight, Polyurethane Catheter, Standard Kit					
DF19SH24K	16 F	19 cm	24 cm	Tapered Split	5
DF23SH28K	16 F	23 cm	28 cm	Tapered Split	5
DF27SH32K	16 F	27 cm	32 cm	Tapered Split	5
DF31SH36K	16 F	31 cm	36 cm	Tapered Split	5
DF35SH40K	16 F	35 cm	40 cm	Tapered Split	5
DF50SH55K	16 F	50 cm	55 cm	Tapered Split	5

Straight, Polyurethane Catheter, Exchange Kit

DF19IT24K	16 F	19 cm	24 cm	Tapered Split	5
DF23IT28K	16 F	23 cm	28 cm	Tapered Split	5
DF27IT32K	16 F	27 cm	32 cm	Tapered Split	5
DF31IT36K	16 F	31 cm	36 cm	Tapered Split	5
DF35IT40K	16 F	35 cm	40 cm	Tapered Split	5
DF50IT55K	16 F	50 cm	55 cm	Tapered Split	5

DUET® Long-Term Hemodialysis Catheter with AIRGUARD® Valved Introducer

PRODUCT CODE	CATHETER SIZE	INSERTION LENGTH (TIP TO CUFF)	UNITS/CASE
Polyurethane Catheter, Standard Kit			
5223190	10 F	19 cm Arterial / 22 cm Venous	10
5223230	10 F	23 cm Arterial / 26 cm Venous	10
5223280	10 F	28 cm Arterial / 31 cm Venous	10

DUET® Repair Kit

PRODUCT CODE	DESCRIPTION	UNITS/CASE
5581000	DUET® Repair Kit	5

HEMODIALYSIS CATHETERS (LONG-TERM)

EQUISTREAM® Catheter with AIRGUARD® Valved Introducer

PRODUCT CODE	CATHETER SIZE	INSERTION LENGTH (TIP TO CUFF)	CATHETER LENGTH	TIP STYLE	STYLET	UNITS/ CASE
ALPHACURVE®, Polyurethane Catheter, Standard Kit						
5905190	14.5 F	19 cm	24 cm	Split	None	5
5905240	14.5 F	24 cm	29 cm	Split	None	5
5905280	14.5 F	28 cm	33 cm	Split	None	5
5905310	14.5 F	31 cm	36 cm	Split	None	5
Straight, Polyurethane Catheter, Standard Kit						
5903150	14.5 F	15 cm	19 cm	Split	Preloaded	5
5903190	14.5 F	19 cm	24 cm	Split	Preloaded	5
5903230	14.5 F	23 cm	28 cm	Split	Preloaded	5
5903270	14.5 F	27 cm	32 cm	Split	Preloaded	5
5903310	14.5 F	31 cm	36 cm	Split	Preloaded	5
5903350	14.5 F	35 cm	40 cm	Split	Preloaded	5
5903420	14.5 F	42 cm	47 cm	Split	Preloaded	5
Straight, Polyurethane Catheter, Microintroducer Kit						
5904190	14.5 F	19 cm	24 cm	Split	Preloaded	5
5904230	14.5 F	23 cm	36 cm	Split	Preloaded	5
5904270	14.5 F	27 cm	40 cm	Split	Preloaded	5
5904310	14.5 F	31 cm	55 cm	Split	Preloaded	5

EQUISTREAM® XK Catheter with AIRGUARD® Valved Introducer

PRODUCT CODE	CATHETER SIZE	INSERTION LENGTH (TIP TO CUFF)	CATHETER LENGTH	TIP STYLE	STYLET	UNITS/ CASE
ALPHACURVE®, Polyurethane Catheter, Standard Kit						
5915190	16 F	19 cm	24 cm	Split	None	5
5915240	16 F	24 cm	29 cm	Split	None	5
5915280	16 F	28 cm	33 cm	Split	None	5
5915310	16 F	31 cm	36 cm	Split	None	5
Straight, Polyurethane Catheter, Standard Kit						
5913190	16 F	19 cm	24 cm	Split	Preloaded	5
5913230	16 F	23 cm	28 cm	Split	Preloaded	5
5913270	16 F	27 cm	32 cm	Split	Preloaded	5
5913310	16 F	31 cm	36 cm	Split	Preloaded	5
5913350	16 F	35 cm	40 cm	Split	Preloaded	5
5913420	16 F	42 cm	47 cm	Split	Preloaded	5

HEMODIALYSIS CATHETERS (LONG-TERM)

GLIDEPATH™ Long-Term Hemodialysis Catheter with AIRGUARD® Valved Introducer

PRODUCT CODE	CATHETER SIZE	INSERTION LENGTH (TIP TO CUFF)	CATHETER LENGTH	TIP STYLE	STYLET	UNITS/ CASE
Straight, Polyurethane Catheter, Standard Kit						
5393150	14.5 F	15 cm	20 cm	Symmetric	Preloaded	5
5393190	14.5 F	19 cm	24 cm	Symmetric	Preloaded	5
5393230	14.5 F	23 cm	28 cm	Symmetric	Preloaded	5
5393270	14.5 F	27 cm	32 cm	Symmetric	Preloaded	5
5393310	14.5 F	31 cm	36 cm	Symmetric	Preloaded	5
5393350	14.5 F	35 cm	39 cm	Symmetric	Preloaded	5
5393420	14.5 F	42 cm	47 cm	Symmetric	Preloaded	5
5393500	14.5 F	50 cm	55 cm	Symmetric	Preloaded	5
ALPHACURVE®, Polyurethane Catheter, Standard Kit						
5396190	14.5 F	19 cm	25 cm	Symmetric	None	5
5396240	14.5 F	24 cm	29 cm	Symmetric	None	5
5396280	14.5 F	28 cm	33 cm	Symmetric	None	5
5396310	14.5 F	31 cm	37 cm	Symmetric	None	5
Straight, Polyurethane Catheter, Exchange Kit						
5397150	14.5 F	15 cm	20 cm	Symmetric	Preloaded	5
5397190	14.5 F	19 cm	24 cm	Symmetric	Preloaded	5
5397230	14.5 F	23 cm	28 cm	Symmetric	Preloaded	5
5397270	14.5 F	27 cm	32 cm	Symmetric	Preloaded	5
5397310	14.5 F	31 cm	36 cm	Symmetric	Preloaded	5
5397350	14.5 F	35 cm	40 cm	Symmetric	Preloaded	5
5397420	14.5 F	42 cm	47 cm	Symmetric	Preloaded	5
5397500	14.5 F	50 cm	55 cm	Symmetric	Preloaded	5

HEMODIALYSIS CATHETERS (LONG-TERM)

HEMOSPLIT® Catheter with AIRGUARD® Valved Introducer

PRODUCT CODE	CATHETER SIZE	INSERTION LENGTH (TIP TO CUFF)	CATHETER LENGTH	TIP STYLE	CUFF TAPERED	UNITS/ CASE
ALPHACURVE®, Polyurethane Catheter, Standard Kit						
5735150	14.5 F	19 cm	25 cm	Split	No	5
5735190	14.5 F	24 cm	29 cm	Split	No	5
5735230	14.5 F	28 cm	33 cm	Split	No	5
5735270	14.5 F	31 cm	37 cm	Split	No	5

Straight, Polyurethane Catheter, Standard Kit

5733694	14.5 F	19 cm	24 cm	Split	Yes	5
5733734	14.5 F	23 cm	28 cm	Split	Yes	5
5733274	14.5 F	27 cm	32 cm	Split	Yes	5
5733314	14.5 F	31 cm	36 cm	Split	Yes	5
5733150	14.5 F	15 cm	20 cm	Split	No	5
5733690	14.5 F	19 cm	24 cm	Split	No	5
5733730	14.5 F	23 cm	28 cm	Split	No	5
5733270	14.5 F	27 cm	32 cm	Split	No	5
5733310	14.5 F	31 cm	36 cm	Split	No	5
5733350	14.5 F	35 cm	40 cm	Split	No	5
5734420	14.5 F	42 cm	47 cm	Split	No	5

Straight, Polyurethane Catheter, Microintroducer Kit

5743690	14.5 F	19 cm	24 cm	Split	No	5
5743730	14.5 F	23 cm	28 cm	Split	No	5
5743270	14.5 F	27 cm	32 cm	Split	No	5
5743310	14.5 F	31 cm	36 cm	Split	No	5
5743350	14.5 F	35 cm	40 cm	Split	No	5
5744420	14.5 F	42 cm	47 cm	Split	No	5

Straight, Polyurethane Catheter, Standard Kit BioBloc® Silver Sulfadiazine Coating

5733153	14.5 F	15 cm	20 cm	Split	No	5
5733693	14.5 F	19 cm	24 cm	Split	No	5
5733733	14.5 F	23 cm	28 cm	Split	No	5
5733273	14.5 F	27 cm	32 cm	Split	No	5
5733313	14.5 F	31 cm	36 cm	Split	No	5
5733353	14.5 F	35 cm	40 cm	Split	No	5
5734423	14.5 F	42 cm	47 cm	Split	No	5

Straight, Polyurethane Catheter, Microintroducer Kit BioBloc® Silver Sulfadiazine Coating

5743693	14.5 F	19 cm	24 cm	Split	No	5
5743733	14.5 F	23 cm	28 cm	Split	No	5
5743273	14.5 F	27 cm	32 cm	Split	No	5
5743313	14.5 F	31 cm	36 cm	Split	No	5

HEMODIALYSIS CATHETERS (LONG-TERM)

HEMOPLIT® XK Catheter with AIRGUARD® Valved Introducer

PRODUCT CODE	CATHETER SIZE	INSERTION LENGTH (TIP TO CUFF)	CATHETER LENGTH	TIP STYLE	UNITS/CASE
ALPHACURVE®, Polyurethane Catheter, Standard Kit					
5685150	16 F	19 cm	25 cm	Split	5
5685190	16 F	24 cm	29 cm	Split	5
5685230	16 F	28 cm	33 cm	Split	5
5685270	16 F	31 cm	37 cm	Split	5
Straight, Polyurethane Catheter, Standard Kit					
5683690	16 F	19 cm	24 cm	Split	5
5683730	16 F	23 cm	28 cm	Split	5
5683270	16 F	27 cm	32 cm	Split	5
5683310	16 F	31 cm	36 cm	Split	5
5683350	16 F	35 cm	40 cm	Split	5
5684420	16 F	42 cm	47 cm	Split	5
Straight, Polyurethane Catheter, Microintroducer Kit					
5693690	16 F	19 cm	24 cm	Split	5
5693730	16 F	23 cm	28 cm	Split	5
5693270	16 F	27 cm	32 cm	Split	5
5693310	16 F	31 cm	36 cm	Split	5
Straight, Polyurethane Catheter, Standard Kit BioBloc® Silver Sulfadiazine Coating					
5683693	16 F	19 cm	24 cm	Split	5
5683733	16 F	23 cm	28 cm	Split	5
5683273	16 F	27 cm	32 cm	Split	5
5683313	16 F	31 cm	36 cm	Split	5
5683353	16 F	35 cm	40 cm	Split	5
5883353	16 F	35 cm	40 cm	Split	5
5684423	16 F	42 cm	47 cm	Split	5

HEMOPLIT® / HEMOPLIT® XK Tunnelers

PRODUCT CODE	DESCRIPTION	UNITS/CASE
5688000	Malleable Tapered Tuner for use with HEMOPLIT® and HEMOPLIT® XK Catheters	10

HEMODIALYSIS CATHETERS (LONG-TERM)

HEMOSTAR® Catheter with AIRGUARD® Valved Introducer

PRODUCT CODE	CATHETER SIZE	INSERTION LENGTH (TIP TO CUFF)	CATHETER LENGTH	TIP STYLE	UNITS/CASE
ALPHACURVE®, Polyurethane Catheter, Standard Kit					
5835150	14.5 F	19 cm	25 cm	Staggered	5
5835190	14.5 F	24 cm	29 cm	Staggered	5
5835230	14.5 F	28 cm	33 cm	Staggered	5
5835270	14.5 F	31 cm	37 cm	Staggered	5
Straight, Polyurethane Catheter, Standard Kit					
5833150	14.5 F	15 cm	20 cm	Staggered	5
5833690	14.5 F	19 cm	24 cm	Staggered	5
5833730	14.5 F	23 cm	28 cm	Staggered	5
5833270	14.5 F	27 cm	32 cm	Staggered	5
5833310	14.5 F	31 cm	36 cm	Staggered	5
5833350	14.5 F	35 cm	40 cm	Staggered	5
5834420	14.5 F	42 cm	47 cm	Staggered	5
Straight, Polyurethane Catheter, Standard Kit, BioBloc® Silver Sulfadiazine Coating					
5833693	14.5 F	19 cm	24 cm	Staggered	5
5833733	14.5 F	23 cm	28 cm	Staggered	5
5833273	14.5 F	27 cm	32 cm	Staggered	5
5833313	14.5 F	31 cm	36 cm	Staggered	5
5833353	14.5 F	35 cm	40 cm	Staggered	5
5834423	14.5 F	42 cm	47 cm	Staggered	5

HEMOSTAR® XK Catheter with AIRGUARD® Valved Introducer

PRODUCT CODE	CATHETER SIZE	INSERTION LENGTH (TIP TO CUFF)	CATHETER LENGTH	TIP STYLE	UNITS/CASE
ALPHACURVE®, Polyurethane Catheter, Standard Kit					
5885150	16 F	19 cm	25 cm	Staggered	5
5885190	16 F	24 cm	29 cm	Staggered	5
5885230	16 F	28 cm	33 cm	Staggered	5
5885270	16 F	31 cm	37 cm	Staggered	5
Straight, Polyurethane Catheter, Standard Kit					
5883690	16 F	19 cm	24 cm	Staggered	5
5883730	16 F	23 cm	28 cm	Staggered	5
5883270	16 F	27 cm	32 cm	Staggered	5
5883310	16 F	31 cm	36 cm	Staggered	5
5883350	16 F	35 cm	40 cm	Staggered	5
5884420	16 F	42 cm	47 cm	Staggered	5
Straight, Polyurethane Catheter, Standard Kit, BioBloc® Silver Sulfadiazine Coating					
5883693	16 F	19 cm	24 cm	Staggered	5
5883733	16 F	23 cm	28 cm	Staggered	5
5883273	16 F	27 cm	32 cm	Staggered	5
5883313	16 F	31 cm	36 cm	Staggered	5
5884423	16 F	42 cm	47 cm	Staggered	5

HEMODIALYSIS CATHETERS (LONG-TERM)

RELIANCE XK™ Long-Term Hemodialysis Catheter with AIRGUARD® Valved Introducer

PRODUCT CODE	CATHETER SIZE	INSERTION LENGTH (TIP TO CUFF)	CATHETER LENGTH	TIP STYLE	STYLET	UNITS/CASE
Straight, Polyurethane Catheter, Standard Kit						
5323190	16F	19 cm	24 cm	Step-Tip	Preloaded	5
5323230	16F	23 cm	28 cm	Step-Tip	Preloaded	5
5323270	16F	27 cm	32 cm	Step-Tip	Preloaded	5
5323310	16F	31 cm	36 cm	Step-Tip	Preloaded	5
5323350	16F	35 cm	40 cm	Step-Tip	Preloaded	5
5323420	16F	42 cm	47 cm	Step-Tip	Preloaded	5
5323500	16F	50 cm	55 cm	Step-Tip	Preloaded	5
ALPHACURVE®, Polyurethane Catheter, Standard Kit						
5325190	16F	19 cm	25 cm	Step-Tip	None	5
5325240	16F	24 cm	29 cm	Step-Tip	None	5
5325280	16F	28 cm	33 cm	Step-Tip	None	5
5325310	16F	31 cm	37 cm	Step-Tip	None	5
Straight, Polyurethane Catheter, Exchange Kit						
5327190	16F	19 cm	24 cm	Step-Tip	Preloaded	5
5327230	16F	23 cm	28 cm	Step-Tip	Preloaded	5
5327270	16F	27 cm	32 cm	Step-Tip	Preloaded	5
5327310	16F	31 cm	36 cm	Step-Tip	Preloaded	5
5327350	16F	35 cm	40 cm	Step-Tip	Preloaded	5
5327420	16F	42 cm	47 cm	Step-Tip	Preloaded	5
5327500	16F	50 cm	55 cm	Step-Tip	Preloaded	5

HEMODIALYSIS CATHETERS (LONG-TERM)

RETRO® Long-Term Hemodialysis Catheter

PRODUCT CODE	CATHETER SIZE	INSERTION LENGTH (TIP TO CUFF)	CATHETER LENGTH	TIP STYLE	UNITS/CASE
Straight, Silicone Catheter, Standard Kit					
RS19SH24	16 F	19 cm	24 cm	Symmetric	5
RS23SH28	16 F	23 cm	28 cm	Symmetric	5
RS27SH32	16 F	27 cm	32 cm	Symmetric	5
RS31SH36	16 F	31 cm	36 cm	Symmetric	5
RS35SH40	16 F	35 cm	40 cm	Symmetric	5
RS50SH55	16 F	50 cm	55 cm	Symmetric	5

RETRO® Repair Kit

PRODUCT CODE	DESCRIPTION	UNITS/CASE
PRRK5	RETRO® Repair Kit	5

RETRO® Alternative Tunneler

PRODUCT CODE	DESCRIPTION	UNITS/CASE
RT100	RETRO® Alternative Tunneler	5

SOFT-CELL® Catheter

PRODUCT CODE	CATHETER SIZE	INSERTION LENGTH (TIP TO CUFF)	CATHETER LENGTH	TIP STYLE	INTRODUCER	UNITS/CASE
Straight, Polyurethane Catheter, Standard Kit						
5533620	12.5 F	12 cm	27 cm	Staggered	Peel-Apart	5
5533690	12.5 F	19 cm	38 cm	Staggered	Peel-Apart	5

SOFT-CELL® Tunnelers

PRODUCT CODE	DESCRIPTION	UNITS/CASE
5585000	Tunnelers for use with SOFT-CELL® Catheters	10

HEMODIALYSIS CATHETERS (LONG-TERM)

AIRGUARD® Valved Introducer

PRODUCT CODE	CATHETER SIZE	INSERTION LENGTH (TIP TO CUFF)	UNITS/CASE
5515160	6.5 F	15 cm	10
5515180	8 F	15 cm	10
5515110	10 F	15 cm	10
5513150	15 F	13 cm	10
5513165	16.5 F	13 cm	10

Guidewires

PRODUCT CODE	WIRE SIZE	LENGTH	DESCRIPTION	UNITS/CASE
5583700	.038 in	70 cm	Dual Ended Calibrated Wire with 3 mm J-Tip	25
5583705	.038 in	70 cm	Single Ended Calibrated Wire	25

Hemodialysis Catheter Additional Accessories

PRODUCT CODE	DESCRIPTION	UNITS/CASE
5582080	8 F Vessel Dilator	10
5582100	10 F Vessel Dilator	10
5582110	11 F Vessel Dilator	10
5582000	10 - 12 F DUALATOR® Vessel Dilator	10
5584180	18 Gauge Introducer Needle	10
5589040	Heparin Labels	1 Roll

PORTS (Non-Power)

M.R.I.® Dual Lumen Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	KIT CONFIGURATION	UNITS/EACH
Dual Lumen, Plastic, Intermediate Profile				
0603500	12 F Attachable Silicone	Open Introducer	Intermediate	1
0605920	9.5 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1
0605930	10 F Attachable Silicone	Open Introducer	Intermediate	1
0607100	10 F Pre-Attached Silicone	Open Introducer	Intermediate	1
0607200	10 F Pre-Attached Silicone	N/A	Basic	1
0615460	10 F Attachable Silicone	N/A	Basic	1

M.R.I.® Hard-Base Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	KIT CONFIGURATION	UNITS/EACH
Single Lumen, Plastic, Full Size Profile				
0604520	8 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1
0604550	9.6 F Attachable Silicone	Open Introducer	Intermediate	1
0604580	9.6 F Attachable Silicone	Open Introducer	Intermediate	1
0605450	8 F Attachable Polyurethane	Open Introducer	Intermediate	1
6604550	9.6 F Pre-Attached Silicone	Open Introducer	Intermediate	1

M.R.I.® Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	KIT CONFIGURATION	UNITS/EACH
Single Lumen, Plastic, Low Profile				
0602620	6.6 F Pre-Attached Silicone	N/A	Basic	1
0602670	6.6 F Pre-Attached Silicone	Open Introducer	Intermediate	1
0602690	6.6 F Attachable Silicone	Open Introducer	Intermediate	1
0602830	8 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1
0602840	8 F Attachable GROSHONG® Valved	N/A	Basic	1
Single Lumen, Plastic, Intermediate Profile				
0605400	8 F Attachable Polyurethane	N/A	Basic	1
0605420	8 F Attachable Polyurethane	Open Introducer	Intermediate	1
Single Lumen, Plastic, Full Size Profile				
0602610	9.6 F Pre-Attached Silicone	N/A	Basic	1
0602640	9.6 F Attachable Silicone	N/A	Basic	1
0602660	9.6 F Pre-Attached Silicone	Open Introducer	Intermediate	1
0602680	9.6 F Attachable Silicone	Open Introducer	Intermediate	1
0607173	6 F Attachable Polyurethane	Open Introducer	Intermediate	1
0607174	6 F Attachable Polyurethane	N/A	Basic	1

PORTS (Non-Power)

M.R.I.® Low Profile Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	KIT CONFIGURATION	UNITS/ EACH
Single Lumen, Plastic, Low Profile				
0603830	7 F Attachable GROSHONG® Valved	N/A	Basic	1
0603840	6.6 F Attachable Silicone	N/A	Basic	1
0603870	7 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1
0603880	6.6 F Attachable Silicone	Open Introducer	Intermediate	1
6603880	6.6 F Pre-Attached Silicone	N/A	Basic	1

M.R.I.® Ultra SLIMPORT® Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	KIT CONFIGURATION	UNITS/ EACH
Single Lumen, Plastic, Low Profile				
0605640	6 F Attachable Polyurethane	Open Introducer	Intermediate	1
0655640	6 F Attachable Polyurethane	Open Introducer	Microintroducer	1

Peritoneal Port

PRODUCT CODE	CATHETER	INTRODUCER	KIT CONFIGURATION	UNITS/ EACH
Single Lumen, Titanium, Full Size Profile				
0603000	14.3 Attachable Peritoneal	N/A	Basic	1
0603006	14.3 Attachable Peritoneal	N/A	Basic	1

SLIMPORT® Dual Lumen ROSENBLATT® Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	KIT CONFIGURATION	UNITS/ EACH
Dual Lumen, Plastic, Intermediate Profile				
0604970	7 F Attachable Silicone	Open Introducer	Intermediate	1
0654970	7 F Attachable Silicone	Open Introducer	Microintroducer	1

PORTS (NON-POWER)

Titanium DOME™ Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	KIT CONFIGURATION	UNITS/EACH
Single Lumen, Titanium, Full Size Profile				
0602850	8 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1
0602870	9.6 F Attachable Silicone	Open Introducer	Intermediate	1

Titanium Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	KIT CONFIGURATION	UNITS/EACH
Single Lumen, Titanium, Low Profile				
0602180	6.6 F Pre-Attached Silicone	N/A	Basic	1
0602190	6.6 F Pre-Attached Silicone	Open Introducer	Intermediate	1
0602240	6.6 F Attachable Silicone	Open Introducer	Intermediate	1
0602280	6.6 F Pre-Attached Silicone	N/A	Basic	1
0602290	6.6 F Pre-Attached Silicone	Open Introducer	Intermediate	1
0602810	8 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1
0605490	6 F Attachable Polyurethane	N/A	Basic	1
0605510	6 F Attachable Polyurethane	Open Introducer	Intermediate	1
0606100	6.6 F Attachable Silicone	Open Introducer	Intermediate	1
0606150	8 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1
0606200	6.6 F Attachable Silicone	N/A	Basic	1

Single Lumen, Titanium, Intermediate Profile

0605300	8 F Attachable Polyurethane	N/A	Basic	1
0605320	8 F Attachable Polyurethane	Open Introducer	Intermediate	1
0607302	6 F Attachable Polyurethane	Open Introducer	Intermediate	1

Single Lumen, Titanium, Full Size Profile

0602210	9.6 F Attachable Silicone	N/A	Basic	1
0602230	9.6 F Attachable Silicone	Open Introducer	Intermediate	1
0602260	9.6 F Pre-Attached Silicone	N/A	Basic	1
0602270	9.6 F Pre-Attached Silicone	Open Introducer	Intermediate	1

Titanium SLIMPORT® Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	KIT CONFIGURATION	UNITS/EACH
Single Lumen, Titanium, Low Profile				
0605550	6 F Attachable Polyurethane	Open Introducer	Intermediate	1
0605560	6 F Attachable Polyurethane	N/A	Basic	1
0655510	6 F Attachable Polyurethane	Open Introducer	Microintroducer	1

PORTS (NON-POWER)

X-PORT™ Duo Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	Kit CONFIGURATION	UNITS/ EACH
Dual Lumen, Plastic, Intermediate Profile				
0607630	10 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1
0607650	9.5 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1
0607655	10 F Attachable Silicone	Open Introducer	Intermediate	1
0607675	9.5 F Attachable Polyurethane	Open Introducer	Intermediate	1
0657675	9.5 F Attachable Polyurethane	Open Introducer	Microintroducer	1

X-PORT™ Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	Kit CONFIGURATION	UNITS/ EACH
Single Lumen, Titanium, Low Profile				
0605840	6 F Attachable Polyurethane	N/A	Basic	1
0605850	6 F Attachable Polyurethane	Open Introducer	Intermediate	1
0655870	6 F Attachable Polyurethane	Open Introducer	Microintroducer	1
Single Lumen, Titanium, Intermediate Profile				
0608530	6 F Attachable Polyurethane	Open Introducer	Intermediate	1
0608540	8 F Attachable Polyurethane	Open Introducer	Intermediate	1
0658510	8 F Attachable Polyurethane	Open Introducer	Microintroducer	1

X-PORT™ Inline Duo Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	Kit CONFIGURATION	UNITS/ EACH
Dual Lumen, Plastic, Intermediate Profile				
0607760	9.5 F Attachable Polyurethane	Open Introducer	Intermediate	1

X-PORT™ isp Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	Kit CONFIGURATION	UNITS/ EACH
Single Lumen, Plastic, Intermediate Profile				
0607510	8 F Attachable Polyurethane	N/A	Basic	1
0607520	9.6 F Pre-Attached Silicone	N/A	Basic	1
0607530	6 F Attachable Polyurethane	Open Introducer	Intermediate	1
0607540	8 F Attachable Polyurethane	Open Introducer	Intermediate	1
0607550	9.6 F Pre-Attached Silicone	Open Introducer	Intermediate	1
0607555	9.6 F Attachable Silicone	Open Introducer	Intermediate	1
0657500	6 F Attachable Polyurethane	Open Introducer	Microintroducer	1
0657510	8 F Attachable Polyurethane	Open Introducer	Microintroducer	1
0657520	9.6 F Pre-Attached Silicone	Open Introducer	Microintroducer	1
0657525	9.6 F Attachable Silicone	Open Introducer	Microintroducer	1
7707540	8 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1
7757540	8 F Attachable GROSHONG® Valved	Open Introducer	Microintroducer	1

PORTS (POWER)

POWERPORT® CLEARVUE® isp Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	KIT CONFIGURATION	UNITS/ EACH
Single Lumen, Silicone Encased, Intermediate Profile				
1608062	8 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1

POWERPORT® CLEARVUE® Slim Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	KIT CONFIGURATION	UNITS/ EACH
Single Lumen, Plastic, Low Profile				
1618000	8 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
1618070	8 F Attachable Polyurethane	AIRGUARD® Valved	Microintroducer	1

PORTS (POWER)

POWERPORT® Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	KIT CONFIGURATION	UNITS/ EACH
Single Lumen, Titanium, Full Size Profile				
1708000	8 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
1708001	8 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
1708070	8 F Attachable Polyurethane	AIRGUARD® Valved	Microintroducer	1
1708071	8 F Attachable Polyurethane	AIRGUARD® Valved	Microintroducer	1
1709600	9.6 F Attachable Silicone	AIRGUARD® Valved	Intermediate	1
1709601	9.6 F Attachable Silicone	AIRGUARD® Valved	Intermediate	1
1759600	9.6 F Pre-Attached Silicone	AIRGUARD® Valved	Intermediate	1
1759601	9.6 F Pre-Attached Silicone	AIRGUARD® Valved	Intermediate	1
1778000	8 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1
1778001	8 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1
1778070	8 F Attachable GROSHONG® Valved	Open Introducer	Microintroducer	1
1778071	8 F Attachable GROSHONG® Valved	Open Introducer	Microintroducer	1

POWERPORT® isp Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	KIT CONFIGURATION	UNITS/ EACH
Single Lumen, Titanium, Intermediate Profile				
1706050	6 F Attachable Polyurethane	AIRGUARD® Valved	Microintroducer	1
1706051	6 F Attachable Polyurethane	AIRGUARD® Valved	Microintroducer	1
1706060	6 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
1706061	6 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
1708050	8 F Attachable Polyurethane	AIRGUARD® Valved	Microintroducer	1
1708051	8 F Attachable Polyurethane	AIRGUARD® Valved	Microintroducer	1
1708060	8 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
1708061	8 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
1708550	8 F Attachable GROSHONG® Valved	Open Introducer	Microintroducer	1
1708551	8 F Attachable GROSHONG® Valved	Open Introducer	Microintroducer	1
1708560	8 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1
1708561	8 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1
4708060	8 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
4708061	8 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
4708560	8 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1
4708561	8 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1

PORTS (POWER)

POWERPORT® M.R.I.® Duo Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	KIT CONFIGURATION	UNITS/ EACH
Dual Lumen, Plastic, Intermediate Profile				
1829500	9.5 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
1829570	9.5 F Attachable Polyurethane	AIRGUARD® Valved	Microintroducer	1

POWERPORT® M.R.I.® Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	KIT CONFIGURATION	UNITS/ EACH
Single Lumen, Plastic, Full Size Profile				
1808000	8 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
1808001	8 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
1808070	8 F Attachable Polyurethane	AIRGUARD® Valved	Microintroducer	1
1808071	8 F Attachable Polyurethane	AIRGUARD® Valved	Microintroducer	1
1809600	9.6 F Pre-Attached Silicone	AIRGUARD® Valved	Intermediate	1
1809601	9.6 F Attachable Silicone	AIRGUARD® Valved	Intermediate	1
1809670	9.6 F Attachable Silicone	AIRGUARD® Valved	Microintroducer	1
1859600	9.6 F Pre-Attached Silicone	AIRGUARD® Valved	Intermediate	1
1859601	9.6 F Pre-Attached Silicone	AIRGUARD® Valved	Intermediate	1
1878000	8 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1
1878001	8 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1
1878070	8 F Attachable GROSHONG® Valved	Open Introducer	Microintroducer	1
1878071	8 F Attachable GROSHONG® Valved	Open Introducer	Microintroducer	1

POWERPORT® M.R.I.® isp Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	KIT CONFIGURATION	UNITS/ EACH
Single Lumen, Plastic, Intermediate Profile				
1806050	6 F Attachable Polyurethane	AIRGUARD® Valved	Microintroducer	1
1806051	6 F Attachable Polyurethane	AIRGUARD® Valved	Microintroducer	1
1806060	6 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
1806061	6 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
1808050	8 F Attachable Polyurethane	AIRGUARD® Valved	Microintroducer	1
1808051	8 F Attachable Polyurethane	AIRGUARD® Valved	Microintroducer	1
1808060	8 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
1808061	8 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
1808550	8 F Attachable GROSHONG® Valved	Open Introducer	Microintroducer	1
1808551	8 F Attachable GROSHONG® Valved	Open Introducer	Microintroducer	1
1808560	8 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1
1808561	8 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1
1809660	9.6 F Attachable Silicone	AIRGUARD® Valved	Intermediate	1
1809661	9.6 F Attachable Silicone	AIRGUARD® Valved	Intermediate	1
1859660	9.6 F Pre-Attached Silicone	AIRGUARD® Valved	Intermediate	1
1859661	9.6 F Pre-Attached Silicone	AIRGUARD® Valved	Intermediate	1
4808060	8 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
4808061	8 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
4808560	8 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1
4808561	8 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1

PORTS (POWER)

POWERPORT® Slim Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	KIT CONFIGURATION	UNITS/ EACH
Single Lumen, Titanium, Low Profile				
1716000	6 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
1716001	6 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
1716070	6 F Attachable Polyurethane	AIRGUARD® Valved	Microintroducer	1
1716071	6 F Attachable Polyurethane	AIRGUARD® Valved	Microintroducer	1
1718000	8 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
1718001	8 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
1718070	8 F Attachable Polyurethane	AIRGUARD® Valved	Microintroducer	1
1718500	8 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1
1718501	8 F Attachable GROSHONG® Valved	Open Introducer	Intermediate	1

POWERPORT® VUE® isp Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	KIT CONFIGURATION	UNITS/ EACH
Single Lumen, Titanium, Intermediate Profile				
1706052	6 F Attachable Polyurethane	AIRGUARD® Valved	Microintroducer	1
1706062	6 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
1708052	8 F Attachable Polyurethane	AIRGUARD® Valved	Microintroducer	1
1708062	8 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1

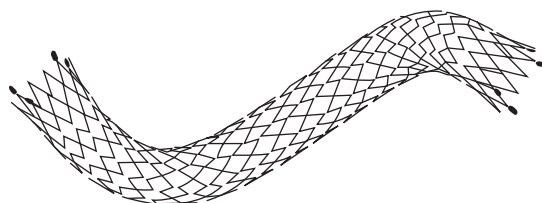
POWERPORT® VUE® M.R.I. Implantable Port

PRODUCT CODE	CATHETER	INTRODUCER	KIT CONFIGURATION	UNITS/ EACH
Single Lumen, Plastic, Intermediate Profile				
1806052	6 F Attachable Polyurethane	AIRGUARD® Valved	Microintroducer	1
1806062	6 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1
1808052	8 F Attachable Polyurethane	AIRGUARD® Valved	Microintroducer	1
1808062	8 F Attachable Polyurethane	AIRGUARD® Valved	Intermediate	1

STENTS & STENT GRAFTS

E-LUMINEXX® Vascular Stents

PRODUCT CODE	STENT		CATHETER LENGTH	GUIDEWIRE	CATHETER DIAMETER	UNITS/EACH
	DIAMETER	LENGTH				
ZBM07020	7 mm	20 mm	80 cm	0.035"	6F	1
ZBM07030	7 mm	30 mm	80 cm	0.035"	6F	1
ZBM07040	7 mm	40 mm	80 cm	0.035"	6F	1
ZBM07060	7 mm	60 mm	80 cm	0.035"	6F	1
ZBM07080	7 mm	80 mm	80 cm	0.035"	6F	1
ZBM07100	7 mm	100 mm	80 cm	0.035"	6F	1
ZBL07020	7 mm	20 mm	135 cm	0.035"	6F	1
ZBL07030	7 mm	30 mm	135 cm	0.035"	6F	1
ZBL07040	7 mm	40 mm	135 cm	0.035"	6F	1
ZBL07060	7 mm	60 mm	135 cm	0.035"	6F	1
ZBL07080	7 mm	80 mm	135 cm	0.035"	6F	1
ZBL07100	7 mm	100 mm	135 cm	0.035"	6F	1
ZBM08020	8 mm	20 mm	80 cm	0.035"	6F	1
ZBM08030	8 mm	30 mm	80 cm	0.035"	6F	1
ZBM08040	8 mm	40 mm	80 cm	0.035"	6F	1
ZBM08060	8 mm	60 mm	80 cm	0.035"	6F	1
ZBM08080	8 mm	80 mm	80 cm	0.035"	6F	1
ZBM08100	8 mm	100 mm	80 cm	0.035"	6F	1
ZBL08020	8 mm	20 mm	135 cm	0.035"	6F	1
ZBL08030	8 mm	30 mm	135 cm	0.035"	6F	1
ZBL08040	8 mm	40 mm	135 cm	0.035"	6F	1
ZBL08060	8 mm	60 mm	135 cm	0.035"	6F	1
ZBL08080	8 mm	80 mm	135 cm	0.035"	6F	1
ZBL08100	8 mm	100 mm	135 cm	0.035"	6F	1



STENTS & STENT GRAFTS

E•LUMINEXX® Vascular Stents

PRODUCT CODE	STENT		CATHETER LENGTH	GUIDEWIRE	CATHETER DIAMETER	UNITS/EACH
	DIAMETER	LENGTH				
ZBM09020	9 mm	20 mm	80 cm	0.035"	6F	1
ZBM09030	9 mm	30 mm	80 cm	0.035"	6F	1
ZBM09040	9 mm	40 mm	80 cm	0.035"	6F	1
ZBM09060	9 mm	60 mm	80 cm	0.035"	6F	1
ZBM09080	9 mm	80 mm	80 cm	0.035"	6F	1
ZBM09100	9 mm	100 mm	80 cm	0.035"	6F	1
ZBL09020	9 mm	20 mm	135 cm	0.035"	6F	1
ZBL09030	9 mm	30 mm	135 cm	0.035"	6F	1
ZBL09040	9 mm	40 mm	135 cm	0.035"	6F	1
ZBL09060	9 mm	60 mm	135 cm	0.035"	6F	1
ZBL09080	9 mm	80 mm	135 cm	0.035"	6F	1
ZBL09100	9 mm	100 mm	135 cm	0.035"	6F	1
ZBM10020	10 mm	20 mm	80 cm	0.035"	6F	1
ZBM10030	10 mm	30 mm	80 cm	0.035"	6F	1
ZBM10040	10 mm	40 mm	80 cm	0.035"	6F	1
ZBM10060	10 mm	60 mm	80 cm	0.035"	6F	1
ZBM10080	10 mm	80 mm	80 cm	0.035"	6F	1
ZBM10100	10 mm	100 mm	80 cm	0.035"	6F	1
ZBL10020	10 mm	20 mm	135 cm	0.035"	6F	1
ZBL10030	10 mm	30 mm	135 cm	0.035"	6F	1
ZBL10040	10 mm	40 mm	135 cm	0.035"	6F	1
ZBL10060	10 mm	60 mm	135 cm	0.035"	6F	1
ZBL10080	10 mm	80 mm	135 cm	0.035"	6F	1
ZBL10100	10 mm	100 mm	135 cm	0.035"	6F	1

STENTS & STENT GRAFTS

FLAIR® Endovascular Stent Grafts

PRODUCT CODE	STENT		CATHETER LENGTH	GUIDEWIRE	CATHETER DIAMETER	UNITS/EACH
	DIAMETER	LENGTH				
FAS06030	6 mm	30 mm	80 cm	0.035"	9F	1
FAS06040	6 mm	40 mm	80 cm	0.035"	9F	1
FAS06050	6 mm	50 mm	80 cm	0.035"	9F	1
FAS06070	6 mm	70 mm	80 cm	0.035"	9F	1
FAS07030	7 mm	30 mm	80 cm	0.035"	9F	1
FAS07040	7 mm	40 mm	80 cm	0.035"	9F	1
FAS07050	7 mm	50 mm	80 cm	0.035"	9F	1
FAS07070	7 mm	70 mm	80 cm	0.035"	9F	1
FAS08030	8 mm	30 mm	80 cm	0.035"	9F	1
FAS08040	8 mm	40 mm	80 cm	0.035"	9F	1
FAS08050	8 mm	50 mm	80 cm	0.035"	9F	1
FAS08070	8 mm	70 mm	80 cm	0.035"	9F	1
FAS09030	9 mm	30 mm	80 cm	0.035"	9F	1
FAS09040	9 mm	40 mm	80 cm	0.035"	9F	1
FAS09050	9 mm	50 mm	80 cm	0.035"	9F	1

FAF06030	6 mm	30 mm	80 cm	0.035"	9F	1
FAF06040	6 mm	40 mm	80 cm	0.035"	9F	1
FAF06050	6 mm	50 mm	80 cm	0.035"	9F	1
FAF06070	6 mm	70 mm	80 cm	0.035"	9F	1
FAF07030	7 mm	30 mm	80 cm	0.035"	9F	1
FAF07040	7 mm	40 mm	80 cm	0.035"	9F	1
FAF07050	7 mm	50 mm	80 cm	0.035"	9F	1
FAF07070	7 mm	70 mm	80 cm	0.035"	9F	1
FAF08030	8 mm	30 mm	80 cm	0.035"	9F	1
FAF08040	8 mm	40 mm	80 cm	0.035"	9F	1
FAF08050	8 mm	50 mm	80 cm	0.035"	9F	1
FAF08070	8 mm	70 mm	80 cm	0.035"	9F	1
FAF09030	9 mm	30 mm	80 cm	0.035"	9F	1
FAF09040	9 mm	40 mm	80 cm	0.035"	9F	1
FAF09050	9 mm	50 mm	80 cm	0.035"	9F	1

Straight Stent Graft



Flared Stent Graft



STENTS & STENT GRAFTS

LIFESTAR™ Vascular Stents

PRODUCT CODE	STENT		CATHETER LENGTH	GUIDEWIRE	CATHETER DIAMETER	UNITS/EACH
	DIAMETER	LENGTH				
VIUS07020	7 mm	20 mm	80 cm	0.035"	6F	1
VIUS07030	7 mm	30 mm	80 cm	0.035"	6F	1
VIUS07040	7 mm	40 mm	80 cm	0.035"	6F	1
VIUS07060	7 mm	60 mm	80 cm	0.035"	6F	1
VIUS07080	7 mm	80 mm	80 cm	0.035"	6F	1
VIUS07100	7 mm	100 mm	80 cm	0.035"	6F	1
VIUL07020	7 mm	20 mm	135 cm	0.035"	6F	1
VIUL07030	7 mm	30 mm	135 cm	0.035"	6F	1
VIUL07040	7 mm	40 mm	135 cm	0.035"	6F	1
VIUL07060	7 mm	60 mm	135 cm	0.035"	6F	1
VIUL07080	7 mm	80 mm	135 cm	0.035"	6F	1
VIUL07100	7 mm	100 mm	135 cm	0.035"	6F	1
VIUS08020	8 mm	20 mm	80 cm	0.035"	6F	1
VIUS08030	8 mm	30 mm	80 cm	0.035"	6F	1
VIUS08040	8 mm	40 mm	80 cm	0.035"	6F	1
VIUS08060	8 mm	60 mm	80 cm	0.035"	6F	1
VIUS08080	8 mm	80 mm	80 cm	0.035"	6F	1
VIUS08100	8 mm	100 mm	80 cm	0.035"	6F	1
VIUL08020	8 mm	20 mm	135 cm	0.035"	6F	1
VIUL08030	8 mm	30 mm	135 cm	0.035"	6F	1
VIUL08040	8 mm	40 mm	135 cm	0.035"	6F	1
VIUL08060	8 mm	60 mm	135 cm	0.035"	6F	1
VIUL08080	8 mm	80 mm	135 cm	0.035"	6F	1
VIUL08100	8 mm	100 mm	135 cm	0.035"	6F	1

STENTS & STENT GRAFTS

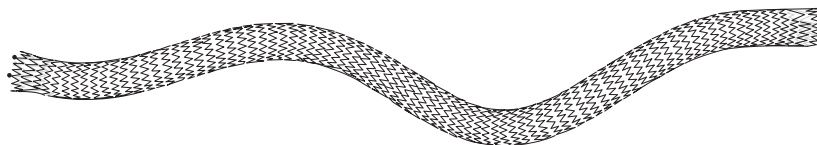
LIFESTAR™ Vascular Stents

PRODUCT CODE	STENT		CATHETER LENGTH	GUIDEWIRE	CATHETER DIAMETER	UNITS/EACH
	DIAMETER	LENGTH				
VIUS09020	9 mm	20 mm	80 cm	0.035"	6F	1
VIUS09030	9 mm	30 mm	80 cm	0.035"	6F	1
VIUS09040	9 mm	40 mm	80 cm	0.035"	6F	1
VIUS09060	9 mm	60 mm	80 cm	0.035"	6F	1
VIUS09080	9 mm	80 mm	80 cm	0.035"	6F	1
VIUS09100	9 mm	100 mm	80 cm	0.035"	6F	1
VIUL09020	9 mm	20 mm	135 cm	0.035"	6F	1
VIUL09030	9 mm	30 mm	135 cm	0.035"	6F	1
VIUL09040	9 mm	40 mm	135 cm	0.035"	6F	1
VIUL09060	9 mm	60 mm	135 cm	0.035"	6F	1
VIUL09080	9 mm	80 mm	135 cm	0.035"	6F	1
VIUL09100	9 mm	100 mm	135 cm	0.035"	6F	1
VIUS10020	10 mm	20 mm	80 cm	0.035"	6F	1
VIUS10030	10 mm	30 mm	80 cm	0.035"	6F	1
VIUS10040	10 mm	40 mm	80 cm	0.035"	6F	1
VIUS10060	10 mm	60 mm	80 cm	0.035"	6F	1
VIUS10080	10 mm	80 mm	80 cm	0.035"	6F	1
VIUS10100	10 mm	100 mm	80 cm	0.035"	6F	1
VIUL10020	10 mm	20 mm	135 cm	0.035"	6F	1
VIUL10030	10 mm	30 mm	135 cm	0.035"	6F	1
VIUL10040	10 mm	40 mm	135 cm	0.035"	6F	1
VIUL10060	10 mm	60 mm	135 cm	0.035"	6F	1
VIUL10080	10 mm	80 mm	135 cm	0.035"	6F	1
VIUL10100	10 mm	100 mm	135 cm	0.035"	6F	1

STENTS & STENT GRAFTS

LIFESTENT® and LIFESTENT® XL Vascular Stent Systems

PRODUCT CODE	STENT		CATHETER LENGTH	GUIDEWIRE	CATHETER DIAMETER	UNITS/EACH
	DIAMETER	LENGTH				
EX060201CS	6 mm	20 mm	80 cm	0.035"	6F	1
EX060301CS	6 mm	30 mm	80 cm	0.035"	6F	1
EX060401CS	6 mm	40 mm	80 cm	0.035"	6F	1
EX060601CS	6 mm	60 mm	80 cm	0.035"	6F	1
EX060801CS	6 mm	80 mm	80 cm	0.035"	6F	1
EX061001CS	6 mm	100 mm	80 cm	0.035"	6F	1
EX061201CS	6 mm	120 mm	80 cm	0.035"	6F	1
EX061501CS	6 mm	150 mm	80 cm	0.035"	6F	1
EX061701CS	6 mm	170 mm	80 cm	0.035"	6F	1
EX060203CS	6 mm	20 mm	130 cm	0.035"	6F	1
EX060303CS	6 mm	30 mm	130 cm	0.035"	6F	1
EX060403CS	6 mm	40 mm	130 cm	0.035"	6F	1
EX060603CS	6 mm	60 mm	130 cm	0.035"	6F	1
EX060803CS	6 mm	80 mm	130 cm	0.035"	6F	1
EX061003CS	6 mm	100 mm	130 cm	0.035"	6F	1
EX061203CS	6 mm	120 mm	130 cm	0.035"	6F	1
EX061503CS	6 mm	150 mm	130 cm	0.035"	6F	1
EX061703CS	6 mm	170 mm	130 cm	0.035"	6F	1
EX070201CS	7 mm	20 mm	80 cm	0.035"	6F	1
EX070301CS	7 mm	30 mm	80 cm	0.035"	6F	1
EX070401CS	7 mm	40 mm	80 cm	0.035"	6F	1
EX070601CS	7 mm	60 mm	80 cm	0.035"	6F	1
EX070801CS	7 mm	80 mm	80 cm	0.035"	6F	1
EX071001CS	7 mm	100 mm	80 cm	0.035"	6F	1
EX071201CS	7 mm	120 mm	80 cm	0.035"	6F	1
EX071501CS	7 mm	150 mm	80 cm	0.035"	6F	1
EX071701CS	7 mm	170 mm	80 cm	0.035"	6F	1
EX070203CS	7 mm	20 mm	130 cm	0.035"	6F	1
EX070303CS	7 mm	30 mm	130 cm	0.035"	6F	1
EX070403CS	7 mm	40 mm	130 cm	0.035"	6F	1
EX070603CS	7 mm	60 mm	130 cm	0.035"	6F	1
EX070803CS	7 mm	80 mm	130 cm	0.035"	6F	1
EX071003CS	7 mm	100 mm	130 cm	0.035"	6F	1
EX071203CS	7 mm	120 mm	130 cm	0.035"	6F	1
EX071503CS	7 mm	150 mm	130 cm	0.035"	6F	1
EX071703CS	7 mm	170 mm	130 cm	0.035"	6F	1



STENTS & STENT GRAFTS

LIFEStENT® SOLO™ Vascular Stent Systems

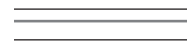
PRODUCT CODE	STENT		CATHETER LENGTH	GUIDEWIRE	CATHETER DIAMETER	UNITS/EACH
	DIAMETER	LENGTH				
EX062001CL	6 mm	200 mm	80 cm	0.035"	6F	1
EX062003CL	6 mm	200 mm	135 cm	0.035"	6F	1
EX072001CL	7 mm	200 mm	80 cm	0.035"	6F	1
EX072003CL	7 mm	200 mm	135 cm	0.035"	6F	1

SURGICAL GRAFTS: AV ACCESS SPECIALTY GRAFTS

VECTRA® Revision Grafts (10-12 W.P.I. or 4-5 W.P.C.)*

PRODUCT CODE	DIMENSIONS	UNITS/EACH
T5020002	5 mm x 20 cm	1
T6020002	6 mm x 20 cm	1

*W.P.I. = Wraps Per Inch W.P.C. = Wraps Per Centimeter



VECTRA® Revision Grafts (24-32 W.P.I. or 9.5-12.5 W.P.C.)*

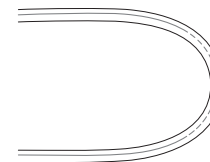
PRODUCT CODE	DIMENSIONS	UNITS/EACH
T5020003	5 mm x 20 cm	1
T6020003	6 mm x 20 cm	1

*W.P.I. = Wraps Per Inch W.P.C. = Wraps Per Centimeter



VECTRA® Vascular Access Grafts

PRODUCT CODE	DIMENSIONS	UNITS/EACH
T5040001	5 mm x 40 cm	1
T6040001	6 mm x 40 cm	1
T5050001	5 mm x 50 cm	1
T6050001	6 mm x 50 cm	1



SURGICAL GRAFTS: AV ACCESS SPECIALTY GRAFTS

VENAFLO® II Vascular Grafts

PRODUCT CODE	DIMENSIONS	UNITS/EACH
VL1006C	6 mm x 10 cm	1
VL1007C	7 mm x 10 cm	1
V1008C*	8 mm x 10 cm	1
VL2006C	6 mm x 20 cm	1
VL2007C	7 mm x 20 cm	1
VL3006C	6 mm x 30 cm	1
VL3007C	7 mm x 30 cm	1
VL4006C	6 mm x 40 cm	1
VL4007C	7 mm x 40 cm	1
VL5006C	6 mm x 50 cm	1
VL5007C	7 mm x 50 cm	1
V5008C*	8 mm x 50 cm	1
CVL4006C	6 mm x 40 cm	1
CVL4007C	7 mm x 40 cm	1
CVL5006C	6 mm x 50 cm	1
VLT2046C	4 - 6 mm x 20 cm	1
VLT2047C	4 - 7 mm x 20 cm	1
VLT2546C	4 - 6 mm x 25 cm	1
VLT2547C	4 - 7 mm x 25 cm	1
VLT3046C	4 - 6 mm x 30 cm	1
VLT3047C	4 - 7 mm x 30 cm	1
VLT3547C	4 - 7 mm x 35 cm	1
VT3558C*	5 - 8 mm x 35 cm	1
VLT4046C	4 - 6 mm x 40 cm	1
VLT4047C	4 - 7 mm x 40 cm	1
VT4058C*	5 - 8 mm x 40 cm	1
VLT4546C	4 - 6 mm x 45 cm	1
VLT4547C	4 - 7 mm x 45 cm	1
CVLT4547C	4 - 7 mm x 45 cm	1

Straight



CENTERFLEX™ Grafts



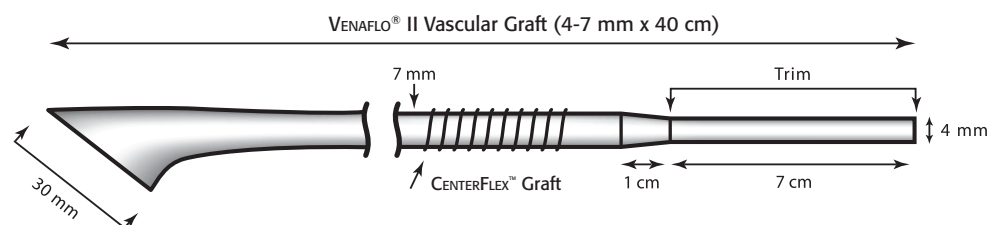
Stepped



Stepped CENTERFLEX™ Grafts



*VENAFLO® Vascular Grafts 8 mm (No trim lines)



VENAFLO® II Vascular Grafts with carbon used in outpatient procedures may be eligible for transitional pass-through payments. Call **1-800-BARD-357** for a complete listing of eligible codes.

SURGICAL GRAFTS: CARBOFLO® AND ePTFE GRAFTS

CARBOFLO® Vascular Grafts

PRODUCT CODE	DIMENSIONS	UNITS/EACH	
10S04C	4 mm x 10 cm	1	Straight 
10S05C	5 mm x 10 cm	1	
10S06C	6 mm x 10 cm	1	
10S07C	7 mm x 10 cm	1	
10S08C	8 mm x 10 cm	1	
20S06C	6 mm x 20 cm	1	
20S07C	7 mm x 20 cm	1	
20S08C	8 mm x 20 cm	1	
30S06C	6 mm x 30 cm	1	
40S05C	5 mm x 40 cm	1	
40S06C	6 mm x 40 cm	1	
40S07C	7 mm x 40 cm	1	
40S08C	8 mm x 40 cm	1	
50S04C	4 mm x 50 cm	1	
50S05C	5 mm x 50 cm	1	
50S06C	6 mm x 50 cm	1	
50S07C	7 mm x 50 cm	1	
50S08C	8 mm x 50 cm	1	
70S06C	6 mm x 70 cm	1	Flex Small Beading 
70S07C	7 mm x 70 cm	1	
70S08C	8 mm x 70 cm	1	
80S06C	6 mm x 80 cm	1	
80S07C	7 mm x 80 cm	1	
80S08C	8 mm x 80 cm	1	
F5006SC	6 mm x 50 cm	1	
F7006SC	6 mm x 70 cm	1	
F7008SC	8 mm x 70 cm	1	
F8006SC	6 mm x 80 cm	1	
F8008SC	8 mm x 80 cm	1	

SURGICAL GRAFTS: CARBOFLO® AND ePTFE GRAFTS

CARBOFLO® Vascular Grafts

PRODUCT CODE	DIMENSIONS	UNITS/EACH
F1006C	6 mm x 10 cm	1
F4006C	6 mm x 40 cm	1
F4008C	8 mm x 40 cm	1
F5006C	6 mm x 50 cm	1
F5007C	7 mm x 50 cm	1
F5008C	8 mm x 50 cm	1
F5010C	10 mm x 50 cm	1
F6006C	6 mm x 60 cm	1
F6008C	8 mm x 60 cm	1
F7006C	6 mm x 70 cm	1
F7007C	7 mm x 70 cm	1
F7008C	8 mm x 70 cm	1
F8006C	6 mm x 80 cm	1
F8007C	7 mm x 80 cm	1
F8008C	8 mm x 80 cm	1
F8010C	10 mm x 80 cm	1
70T74C	7 - 4 mm x 70 cm	1
T4546C	4 - 6 mm x 45 cm	1
T4547C	4 - 7 mm x 45 cm	1
T4558C	5 - 8 mm x 45 cm	1
T5047C	4 - 7 mm x 50 cm	1
40A64C	6 - 4 mm x 40 cm	1
40A74C	7 - 4 mm x 40 cm	1
CF4006C	6 mm x 40 cm	1
CF4008C	8 mm x 40 cm	1
CF5006C	6 mm x 50 cm	1
CF5007C	7 mm x 50 cm	1
CFT4047C	4 - 7 mm x 40 cm	1
CFT4547C	4 - 7 mm x 45 cm	1
CFT4558C	5 - 8 mm x 45 cm	1
CFT5047C	4 - 7 mm x 50 cm	1
CF40A74C	7 - 4 mm x 40 cm	1

CARBOFLO® Flex Grafts



Tapered



Stepped



Short Tapered



CENTERFLEX™ Grafts



Stepped CENTERFLEX™ Grafts



Short Tapered CENTERFLEX™ Grafts



CARBOFLO® Grafts used in outpatient procedures may be eligible for transitional pass-through payments. Call **1-800-BARD-357** for a complete listing of eligible codes.

SURGICAL GRAFTS: CARBOFLO® AND ePTFE GRAFTS

CARBOFLO® Vascular Grafts

PRODUCT CODE	DIMENSIONS	UNITS/EACH
10S06TWC	6 mm x 10 cm	1
10S07TWC	7 mm x 10 cm	1
10S08TWC	8 mm x 10 cm	1
10S10TWC	10 mm x 10 cm	1
20S06TWC	6 mm x 20 cm	1
40S06TWC	6 mm x 40 cm	1
40S08TWC	8 mm x 40 cm	1
50S05TWC	5 mm x 50 cm	1
50S06TWC	6 mm x 50 cm	1
50S07TWC	7 mm x 50 cm	1
50S08TWC	8 mm x 50 cm	1
70S05TWC	5 mm x 70 cm	1
70S06TWC	6 mm x 70 cm	1
70S07TWC	7 mm x 70 cm	1
70S08TWC	8 mm x 70 cm	1
80S06TWC	6 mm x 80 cm	1
80S07TWC	7 mm x 80 cm	1
80S08TWC	8 mm x 80 cm	1
F3006TWSC	6 mm x 30 cm	1
F3008TWSC	8 mm x 30 cm	1
F5006TWSC	6 mm x 50 cm	1
F5008TWSC	8 mm x 50 cm	1
F6006TWSC	6 mm x 60 cm	1
F7005TWSC	5 mm x 70 cm	1
F7006TWSC	6 mm x 70 cm	1
F7007TWSC	7 mm x 70 cm	1
F7008TWSC	8 mm x 70 cm	1
F8006TWSC	6 mm x 80 cm	1
F8007TWSC	7 mm x 80 cm	1
F8008TWSC	8 mm x 80 cm	1
70T74TWC	7 - 4 mm x 70 cm	1
70T85TWC	8 - 5 mm x 70 cm	1
F70T74TSC	7 - 4 mm x 70 cm	1
F70T85TSC	8 - 5 mm x 70 cm	1
F80T74TSC	7 - 4 mm x 80 cm	1

Straight Thinwall



Flex Thinwall Small Beading



Tapered Thinwall



Flex Thinwall Tapered Small Beading



SURGICAL GRAFTS: CARBOFLO® AND ePTFE GRAFTS

IMPRA® Vascular Grafts

PRODUCT CODE	DIMENSIONS	UNITS/EACH
05S06	6 mm x 5 cm	1
10S03	3 mm x 10 cm	1
10S035	3.5 mm x 10 cm	1
10S04	4 mm x 10 cm	1
10S05	5 mm x 10 cm	1
10S06	6 mm x 10 cm	1
10S07	7 mm x 10 cm	1
10S08	8 mm x 10 cm	1
10S10	10 mm x 10 cm	1
20S06	6 mm x 20 cm	1
20S08	8 mm x 20 cm	1
30S06	6 mm x 30 cm	1
40S04	4 mm x 40 cm	1
40S05	5 mm x 40 cm	1
40S06	6 mm x 40 cm	1
40S07	7 mm x 40 cm	1
40S08	8 mm x 40 cm	1
40S10	10 mm x 40 cm	1
50S06	6 mm x 50 cm	1
50S07	7 mm x 50 cm	1
50S08	8 mm x 50 cm	1
60S06	6 mm x 60 cm	1
70S04	4 mm x 70 cm	1
70S05	5 mm x 70 cm	1
70S06	6 mm x 70 cm	1
70S07	7 mm x 70 cm	1
70S08	8 mm x 70 cm	1
70S10	10 mm x 70 cm	1
80S06	6 mm x 80 cm	1
80S08	8 mm x 80 cm	1
90S06	6 mm x 90 cm	1
90S08	8 mm x 90 cm	1
10S13	13 mm x 10 cm	1
10S16	16 mm x 10 cm	1
10S19	19 mm x 10 cm	1
35S13	13 mm x 35 cm	1
35S16	16 mm x 35 cm	1
35S19	19 mm x 35 cm	1

Straight

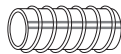
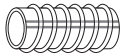


Large Diameter



SURGICAL GRAFTS: CARBOFLO® AND ePTFE GRAFTS

IMPRA® Vascular Grafts

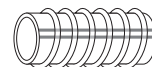
PRODUCT CODE	DIMENSIONS	UNITS/EACH	
F2006S	6 mm x 20 cm	1	Flex Small Beading 
F4008S	8 mm x 40 cm	1	
F5008S	8 mm x 50 cm	1	
F7006S	6 mm x 70 cm	1	
F7008S	8 mm x 70 cm	1	
F8006S	6 mm x 80 cm	1	
F8008S	8 mm x 80 cm	1	
F1006	6 mm x 10 cm	1	IMPRA® Flex Grafts 
F1008	8 mm x 10 cm	1	
F1010	10 mm x 10 cm	1	
F2006	6 mm x 20 cm	1	
F2007	7 mm x 20 cm	1	
F3006	6 mm x 30 cm	1	
F4006	6 mm x 40 cm	1	
F4007	7 mm x 40 cm	1	
F4008	8 mm x 40 cm	1	
F4010	10 mm x 40 cm	1	
F5006	6 mm x 50 cm	1	
F5007	7 mm x 50 cm	1	
F5008	8 mm x 50 cm	1	
F5010	10 mm x 50 cm	1	
F6006	6 mm x 60 cm	1	
F6008	8 mm x 60 cm	1	
F6010	10 mm x 60 cm	1	
F7006	6 mm x 70 cm	1	
F7007	7 mm x 70 cm	1	
F7008	8 mm x 70 cm	1	
F7010	10 mm x 70 cm	1	
F8006	6 mm x 80 cm	1	
F8007	7 mm x 80 cm	1	
F8008	8 mm x 80 cm	1	
F9006	6 mm x 90 cm	1	
F9008	8 mm x 90 cm	1	

SURGICAL GRAFTS: CARBOFLO® AND ePTFE GRAFTS

IMPRA® Vascular Grafts

PRODUCT CODE	DIMENSIONS	UNITS/EACH
F2513	13 mm x 25 cm	1
F2516	16 mm x 25 cm	1
F2519	19 mm x 25 cm	1
F3513	13 mm x 35 cm	1
F3516	16 mm x 35 cm	1
F3519	19 mm x 35 cm	1
70T74	7 - 4 mm x 70 cm	1
70T85	8 - 5 mm x 70 cm	1
F70T74S	7 - 4 mm x 70 cm	1
F70T85S	8 - 5 mm x 70 cm	1
F70T74	7 - 4 mm x 70 cm	1
T1547	4 - 7 mm x 15 cm	1
T4546	4 - 6 mm x 45 cm	1
T4547	4 - 7 mm x 45 cm	1
T4558	5 - 8 mm x 45 cm	1
T5047	4 - 7 mm x 50 cm	1
T5058	5 - 8 mm x 50 cm	1
T6047	4 - 7 mm x 60 cm	1
40A64	6 - 4 mm x 40 cm	1
40A74	7 - 4 mm x 40 cm	1
45A64	6 - 4 mm x 45 cm	1
60A74	7 - 4 mm x 60 cm	1

Flex Large Diameter



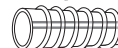
Tapered



Flex Tapered Small Beading



Flex Tapered



Stepped



Short Tapered

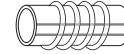


SURGICAL GRAFTS: CARBOFLO® AND ePTFE GRAFTS

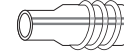
IMPRA® Vascular Grafts

PRODUCT CODE	DIMENSIONS	UNITS/EACH
CF4006	6 mm x 40 cm	1
CF4008	8 mm x 40 cm	1
CF5006	6 mm x 50 cm	1
CF5008	8 mm x 50 cm	1
CF8006	6 mm x 80 cm	1
CFT4547	4 - 7 mm x 45 cm	1
CFT4558	5 - 8 mm x 45 cm	1
CF40A64	6 - 4 mm x 40 cm	1

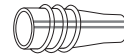
CENTERFLEX™ Grafts



Stepped CENTERFLEX™ Grafts



Short Tapered CENTERFLEX™ Grafts



IMPRA® Vascular Grafts

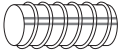
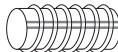
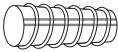
PRODUCT CODE	DIMENSIONS	UNITS/EACH
10S03TW	3 mm x 10 cm	1
10S04TW	4 mm x 10 cm	1
10S05TW	5 mm x 10 cm	1
10S06TW	6 mm x 10 cm	1
10S08TW	8 mm x 10 cm	1
20S06TW	6 mm x 20 cm	1
30S06TW	6 mm x 30 cm	1
40S03TW	3 mm x 40 cm	1
40S06TW	6 mm x 40 cm	1
40S08TW	8 mm x 40 cm	1
70S06TW	6 mm x 70 cm	1
70S07TW	7 mm x 70 cm	1
70S08TW	8 mm x 70 cm	1
80S06TW	6 mm x 80 cm	1
80S07TW	7 mm x 80 cm	1
80S08TW	8 mm x 80 cm	1

Straight Thinwall



SURGICAL GRAFTS: CARBOFLO® AND ePTFE GRAFTS

IMPRA® Vascular Grafts

PRODUCT CODE	DIMENSIONS	UNITS/EACH	
F1006TWS	6 mm x 10 cm	1	Flex Thinwall Small Beading 
F5006TWS	6 mm x 50 cm	1	
F5008TWS	8 mm x 50 cm	1	
F6006TWS	6 mm x 60 cm	1	
F7006TWS	6 mm x 70 cm	1	
F7007TWS	7 mm x 70 cm	1	
F7008TWS	8 mm x 70 cm	1	
F8006TWS	6 mm x 80 cm	1	
F8007TWS	7 mm x 80 cm	1	
F8008TWS	8 mm x 80 cm	1	
F4006TW	6 mm x 40 cm	1	Flex Thinwall 
F4008TW	8 mm x 40 cm	1	
F5006TW	6 mm x 50 cm	1	
F5008TW	8 mm x 50 cm	1	
F7006TW	6 mm x 70 cm	1	
F7007TW	7 mm x 70 cm	1	
F7008TW	8 mm x 70 cm	1	
F8006TW	6 mm x 80 cm	1	
F8008TW	8 mm x 80 cm	1	
F70T74TWS	7 - 4 mm x 70 cm	1	Flex Thinwall Tapered Small Beading 

SURGICAL GRAFTS: PERIPHERAL VASCULAR SPECIALTY GRAFTS

DISTAFLO® Bypass Grafts

PRODUCT CODE	DIMENSIONS	UNITS/EACH
DF5006SC	6 mm x 50 cm	1
DF5007SC	7 mm x 50 cm	1
DF5008SC	8 mm x 50 cm	1
DF6006SC	6 mm x 60 cm	1
DF6007SC	7 mm x 60 cm	1
DF6008SC	8 mm x 60 cm	1
DF7006SC	6 mm x 70 cm	1
DF7007SC	7 mm x 70 cm	1
DF7008SC	8 mm x 70 cm	1
DF8006SC	6 mm x 80 cm	1
DF8007SC	7 mm x 80 cm	1
DF8008SC	8 mm x 80 cm	1
DFM5006SC	6 mm x 50 cm	1
DFM6006SC	6 mm x 60 cm	1
DFM7006SC	6 mm x 70 cm	1
DFM8006SC	6 mm x 80 cm	1

Flex Small Beading With Standard Cuff



Flex Small Beading With Small Cuff



DISTAFLO® Mini Cuff Bypass Grafts

PRODUCT CODE	DIMENSIONS	UNITS/EACH
DFX6006SC	6 mm x 60 cm	1
DFX7006SC	6 mm x 70 cm	1
DFX8006SC	6 mm x 80 cm	1
DFX9006SC	6 mm x 90 cm	1

Flex Small Beading With Mini Cuff



DYNAFLO® Bypass Grafts

PRODUCT CODE	DIMENSIONS	UNITS/EACH
DN5007C	7 mm x 50 cm	1
DN5008C	8 mm x 50 cm	1
DN6007C	7 mm x 60 cm	1
DN6008C	8 mm x 60 cm	1
DNF5007SC	7 mm x 50 cm	1
DNF5008SC	8 mm x 50 cm	1
DNF6007SC	7 mm x 60 cm	1
DNF6008SC	8 mm x 60 cm	1
DNF7007SC	7 mm x 70 cm	1
DNF7008SC	8 mm x 70 cm	1
DNF8007SC	7 mm x 80 cm	1
DNF8008SC	8 mm x 80 cm	1

Bypass Grafts



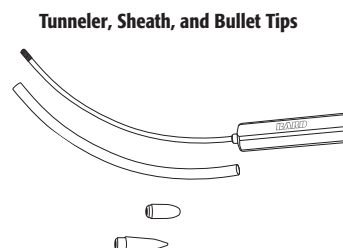
Flex Small Beading



SURGICAL GRAFTS: TUNNELER SETS AND ACCESSORIES

AV Sheath Tunneler Set

PRODUCT CODE	DESCRIPTION	DIMENSIONS	UNITS/EACH
AVST2000	AV Sheath Tunneler Set		1
Set includes item codes listed below.			
AVSTS0005	5 mm Straight Sheath	23 cm	1
AVSTS0605	5 mm 60° Sheath	22 cm	1
AVSTS1205	5 mm 120° Sheath	22 cm	1
AVST0015	5 mm Dissecting Bullet Tip		1
AVST0025	5 mm Blunt Bullet Tip		1
AVSTS0006	6 mm Straight Sheath	23 cm	1
AVSTS0606	6 mm 60° Sheath	22 cm	1
AVSTS1206	6 mm 120° Sheath	22 cm	1
AVSTS1806	6 mm 180° Sheath	19 cm	1
AVST0016	6 mm Dissecting Bullet Tip		1
AVST0026	6 mm Blunt Bullet tip		1
AVSTR000	Straight Rod	24.5 cm	1
AVSTR060	60° Rod	23.5 cm	1
AVSTR120	120° Rod	23.5 cm	1
AVSTR180	180° Rod	20.5 cm	1
AVST0200	Handle		1
AVST0100	Sterilization Cassette		1



AV Sheath Tunneler Replacement Parts and Tips

PRODUCT CODE	DESCRIPTION	DIMENSIONS	UNITS/EACH
AVSTS0005	5 mm Straight Sheath	23 cm	1
AVSTS0605	5 mm 60° Sheath	22 cm	1
AVSTS1205	5 mm 120° Sheath	22 cm	1
AVST0015	5 mm Dissecting Bullet Tip		1
AVST0025	5 mm Blunt Bullet Tip		1
AVSTS0006	6 mm Straight Sheath	23 cm	1
AVSTS0606	6 mm 60° Sheath	22 cm	1
AVSTS1206	6 mm 120° Sheath	22 cm	1
AVSTS1806	6 mm 180° Sheath	19 cm	1
AVST0016	6 mm Dissecting Bullet Tip		1
AVST0026	6 mm Blunt Bullet tip		1
AVSTR000	Straight Rod	24.5 cm	1
AVSTR060	60° Rod	23.5 cm	1
AVSTR120	120° Rod	23.5 cm	1
AVSTR180	180° Rod	20.5 cm	1
AVST0200	Handle		1
AVST0100	Sterilization Cassette		1

SURGICAL GRAFTS: TUNNELER SETS AND ACCESSORIES

Bi-Directional Tunneler Accessories

PRODUCT CODE	DESCRIPTION	DIMENSIONS	UNITS/EACH
BTH001	Universal Tunneler Handle		1
BTSC035	Curved Shaft	55 cm	1

Universal Tunneler Handle



Curved and Straight Shafts



Bi-Directional Tunneler Replacement Tips

PRODUCT CODE	DESCRIPTION	DIMENSIONS	UNITS/EACH
BTT06	Bullet Tip	6 mm	1
BTT07	Bullet Tip	7 mm	1
BTT08	Bullet Tip	8 mm	1

Bi-Directional Tunneler Replacement Tips are interchangeable with the Kelly-Wick Tunneler Tips.

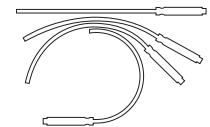
Bullet Tip



Kelly-Wick Tunneler Replacement Parts and Tips

PRODUCT CODE	DESCRIPTION	DIMENSIONS	UNITS/EACH
KWS23C	Curved Shaft (60°)	23 cm	1
KWS23CS	Curved Shaft (120°)	23 cm	1
KWS23CSS	Curved Shaft (180°)	23 cm	1
KWS23S	Straight Shaft	23 cm	1
KWT004	Bullet Tip	4 mm	1
KWT004KWL	Vein Tip w/Luer Adapter	4 mm	1
KWT006	Bullet Tip	6 mm	1
KWT007	Bullet Tip	7 mm	1
KWT008	Bullet Tip	8 mm	1
KWT010	Bullet Tip	10 mm	1
KWT012	Bullet Tip	12 mm	1
KWC200	Tunnelers Case		1

Shafts



Bullet Tip



SURGICAL GRAFTS: TUNNELER SETS AND ACCESSORIES

PV Sheath Tunneler Set

PRODUCT CODE	DESCRIPTION	DIMENSIONS	UNITS/EACH
PVT1000	PV Sheath Tunneler Set		1
PVT0100	Sterilization Cassette		1
PVT0200	Handle		1
PVT0300	8.5 mm Short Sheath	(19"/48 cm Long)	1
PVT0400	11 mm Short Sheath	(19"/48 cm Long)	1
PVT0500	11 mm Long Sheath	(23"/60 cm Long)	1
PVT0600	Short Rod		1
PVT0700	Long Rod		1
PVT0800	8.5 mm Bullet Tip		1
PVT0900	11 mm Bullet Tip		1



TAPES AND POUCHES

PTFE and Polyester Braided Tapes and Pouches

PRODUCT CODE	DIMENSIONS		UNITS/CASE
	INCHES	CENTIMETERS	
BARD® PTFE Braided Tape (2 per sterile pouch)			
007913	1/16" x 24"	2 mm x 61 cm	20
007914	3/16" x 24"	4 mm x 61 cm	20
007917	1/16" x 36"	2 mm x 91.4 cm	20
007918	3/16" x 36"	4 mm x 91.4 cm	20
BARD® Polyester Braided Tape (2 per sterile pouch)			
007915	1/8" x 24"	3 mm x 61 cm	20
BARD® Polyester Braided Tape (1 per sterile pouch)			
007916	1/8" x 36"	3 mm x 91.4 cm	10
BARD® PARSONNET™ Pulse Generator Pouches			
002904	Small		5
002905	Large		5
002906	X-Large		5



VALVULOPLASTY - AORTIC

TRUE DILATATION™ Balloon Valvuloplasty Catheters

PRODUCT CODE	BALLOON		CATHETER LENGTH (CM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)			
0204511	20	4.5	110	11F	1
0224512	22	4.5	110	12F	1
0244512	24	4.5	110	12F	1
0264513	26	4.5	110	13F	1

0.035" guidewire compatible

VALVULOPLASTY - PULMONARY

VIDA® PTV* Balloon Dilatation Catheters

PRODUCT CODE	BALLOON		CATHETER LENGTH (CM)	SHEATH SIZE (F)	UNITS/EACH
	DIAMETER (MM)	LENGTH (CM)			
VDA100122	12	2	100	7F	1
VDA100124	12	4	100	7F	1
VDA100126	12	6	100	7F	1
VDA100142	14	2	100	7F	1
VDA100144	14	4	100	7F	1
VDA100146	14	6	100	8F	1
VDA100162	16	2	100	8F	1
VDA100164	16	4	100	8F	1
VDA100166	16	6	100	8F	1
VDA100182	18	2	100	8F	1
VDA100184	18	4	100	8F	1
VDA100186	18	6	100	9F	1
VDA100202	20	2	100	9F	1
VDA100204	20	4	100	9F	1
VDA100222	22	2	100	10F	1
VDA100224	22	4	100	10F	1
VDA100242	24	2	100	10F	1
VDA100244	24	4	100	10F	1
VDA100262	26	2	100	12F	1
VDA100264	26	4	100	12F	1

0.035" guidewire compatible

*Percutaneous Transluminal Valvuloplasty

VASCULAR PROBES

Vascular Probes

PRODUCT CODE	DIMENSIONS		UNITS/CASE
	PROBE SIZE	LENGTH	
BARD® PARSONNET™ Vascular Probes			
007603	1.0 mm	45 cm	5
007604	1.5 mm	45 cm	5
007605	2.0 mm	45 cm	5
007606	2.5 mm	45 cm	5
007607	3.0 mm	45 cm	5
007608	3.5 mm	45 cm	5



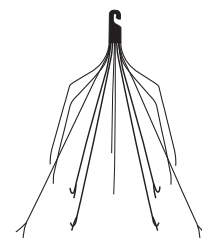
VENA CAVA FILTERS

BARD® Snare Retrieval Kit

PRODUCT CODE	DESCRIPTION	UNITS/EACH
SRK30	Dual Sheath Snare Retrieval Kit, 20 mm	1

DENALI® Vena Cava Filter System

PRODUCT CODE	DESCRIPTION	UNITS/EACH
DL900F	Femoral Delivery Kit	1
DL900J	Jugular/Subclavian Delivery Kit	1

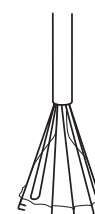


Individual Delivery Sheath / Dilator Sets for SIMON NITINOL® Filter

PRODUCT CODE	DESCRIPTION	UNITS/EACH
3120F	Femoral Catheter	1
3220J	Jugular/Subclavian Catheter	1
3320A	Antecubital Catheter	1

RECOVERY CONE® Removal System

PRODUCT CODE	DESCRIPTION	UNITS/EACH
FBRC	RECOVERY CONE® Removal System	1



SIMON NITINOL® Filter System

PRODUCT CODE	DESCRIPTION	UNITS/EACH
2120F	Femoral Delivery Kit	1
2220J	Jugular/Subclavian Delivery Kit	1
2320A	Antecubital Delivery Kit	1



U.S. Non-Vascular Table of Contents

BILIARY STENTS

E•LUMINEXX® Biliary Stents	91-93
LIFESTAR™ Biliary Stents	94-96
LIFESTENT® and LIFESTENT® XL Biliary Stent Systems	97-99
VALEO® Balloon Expandable Biliary Stents	100

DRAINAGE

ASPIRA® Drainage Catheters	101
NAVARRE® Drainage Catheters	102

ENTERAL FEEDING

Low-Profile Replacement Devices.	103
Percutaneous Endoscopic Gastrostomy (PEG) Feeding Devices	104
Percutaneous Endoscopic Gastrostomy (PEG) Accessories	104
Standard Profile Replacement Devices.	105
Stoma Measuring Device.	105

TRACHEOBRONCHIAL STENT GRAFTS

FLUENCY® Plus Tracheobronchial Stent Grafts	106
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FOR ORDERING OR INFORMATION: **1.800.321.4254**

CONFIDENTIAL AND PROPRIETARY

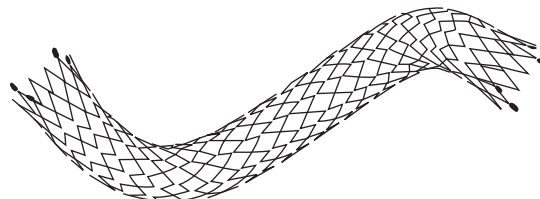
Please consult package inserts for more detailed safety information and instructions for use.

BILIARY STENTS

E•LUMINEXX® Biliary Stents

PRODUCT CODE	STENT		CATHETER LENGTH	GUIDEWIRE	CATHETER DIAMETER	UNITS/EACH
	DIAMETER	LENGTH				
ZBL04020	4 mm	20 mm	135 cm	0.035"	6F	1
ZBL04030	4 mm	30 mm	135 cm	0.035"	6F	1
ZBL04040	4 mm	40 mm	135 cm	0.035"	6F	1
ZBL04060	4 mm	60 mm	135 cm	0.035"	6F	1
ZBL04080	4 mm	80 mm	135 cm	0.035"	6F	1
ZBL04100	4 mm	100 mm	135 cm	0.035"	6F	1
ZBL04120	4 mm	120 mm	135 cm	0.035"	6F	1
ZBL05020	5 mm	20 mm	135 cm	0.035"	6F	1
ZBL05030	5 mm	30 mm	135 cm	0.035"	6F	1
ZBL05040	5 mm	40 mm	135 cm	0.035"	6F	1
ZBL05060	5 mm	60 mm	135 cm	0.035"	6F	1
ZBL05080	5 mm	80 mm	135 cm	0.035"	6F	1
ZBL05100	5 mm	100 mm	135 cm	0.035"	6F	1
ZBL05120	5 mm	120 mm	135 cm	0.035"	6F	1
ZBM06020	6 mm	20 mm	80 cm	0.035"	6F	1
ZBM06030	6 mm	30 mm	80 cm	0.035"	6F	1
ZBM06040	6 mm	40 mm	80 cm	0.035"	6F	1
ZBM06060	6 mm	60 mm	80 cm	0.035"	6F	1
ZBM06080	6 mm	80 mm	80 cm	0.035"	6F	1
ZBM06100	6 mm	100 mm	80 cm	0.035"	6F	1
ZBM06120	6 mm	120 mm	80 cm	0.035"	6F	1
ZBL06020	6 mm	20 mm	135 cm	0.035"	6F	1
ZBL06030	6 mm	30 mm	135 cm	0.035"	6F	1
ZBL06040	6 mm	40 mm	135 cm	0.035"	6F	1
ZBL06060	6 mm	60 mm	135 cm	0.035"	6F	1
ZBL06080	6 mm	80 mm	135 cm	0.035"	6F	1
ZBL06100	6 mm	100 mm	135 cm	0.035"	6F	1
ZBL06120	6 mm	120 mm	135 cm	0.035"	6F	1

WARNING: The safety and effectiveness of the 4 mm - 6 mm and 12 mm - 14 mm diameter and the 120 mm length E•LUMINEXX® Biliary Stent for use in the vascular system has not been established.



BILIARY STENTS

E-LUMINEXX® Biliary Stents

PRODUCT CODE	STENT		CATHETER LENGTH	GUIDEWIRE	CATHETER DIAMETER	UNITS/EACH
	DIAMETER	LENGTH				
ZBM07020	7 mm	20 mm	80 cm	0.035"	6F	1
ZBM07030	7 mm	30 mm	80 cm	0.035"	6F	1
ZBM07040	7 mm	40 mm	80 cm	0.035"	6F	1
ZBM07060	7 mm	60 mm	80 cm	0.035"	6F	1
ZBM07080	7 mm	80 mm	80 cm	0.035"	6F	1
ZBM07100	7 mm	100 mm	80 cm	0.035"	6F	1
ZBM07120	7 mm	120 mm	80 cm	0.035"	6F	1
ZBL07020	7 mm	20 mm	135 cm	0.035"	6F	1
ZBL07030	7 mm	30 mm	135 cm	0.035"	6F	1
ZBL07040	7 mm	40 mm	135 cm	0.035"	6F	1
ZBL07060	7 mm	60 mm	135 cm	0.035"	6F	1
ZBL07080	7 mm	80 mm	135 cm	0.035"	6F	1
ZBL07100	7 mm	100 mm	135 cm	0.035"	6F	1
ZBL07120	7 mm	120 mm	135 cm	0.035"	6F	1
ZBM08020	8 mm	20 mm	80 cm	0.035"	6F	1
ZBM08030	8 mm	30 mm	80 cm	0.035"	6F	1
ZBM08040	8 mm	40 mm	80 cm	0.035"	6F	1
ZBM08060	8 mm	60 mm	80 cm	0.035"	6F	1
ZBM08080	8 mm	80 mm	80 cm	0.035"	6F	1
ZBM08100	8 mm	100 mm	80 cm	0.035"	6F	1
ZBM08120	8 mm	120 mm	80 cm	0.035"	6F	1
ZBL08020	8 mm	20 mm	135 cm	0.035"	6F	1
ZBL08030	8 mm	30 mm	135 cm	0.035"	6F	1
ZBL08040	8 mm	40 mm	135 cm	0.035"	6F	1
ZBL08060	8 mm	60 mm	135 cm	0.035"	6F	1
ZBL08080	8 mm	80 mm	135 cm	0.035"	6F	1
ZBL08100	8 mm	100 mm	135 cm	0.035"	6F	1
ZBL08120	8 mm	120 mm	135 cm	0.035"	6F	1
ZBM09020	9 mm	20 mm	80 cm	0.035"	6F	1
ZBM09030	9 mm	30 mm	80 cm	0.035"	6F	1
ZBM09040	9 mm	40 mm	80 cm	0.035"	6F	1
ZBM09060	9 mm	60 mm	80 cm	0.035"	6F	1
ZBM09080	9 mm	80 mm	80 cm	0.035"	6F	1
ZBM09100	9 mm	100 mm	80 cm	0.035"	6F	1
ZBM09120	9 mm	120 mm	80 cm	0.035"	6F	1
ZBL09020	9 mm	20 mm	135 cm	0.035"	6F	1
ZBL09030	9 mm	30 mm	135 cm	0.035"	6F	1
ZBL09040	9 mm	40 mm	135 cm	0.035"	6F	1
ZBL09060	9 mm	60 mm	135 cm	0.035"	6F	1
ZBL09080	9 mm	80 mm	135 cm	0.035"	6F	1
ZBL09100	9 mm	100 mm	135 cm	0.035"	6F	1
ZBL09120	9 mm	120 mm	135 cm	0.035"	6F	1

WARNING: The safety and effectiveness of the 4 mm - 6 mm and 12 mm - 14 mm diameter and the 120 mm length E-LUMINEXX® Biliary Stent for use in the vascular system has not been established.

BILIARY STENTS

E•LUMINEXX® Biliary Stents

PRODUCT CODE	STENT		CATHETER LENGTH	GUIDEWIRE	CATHETER DIAMETER	UNITS/EACH
	DIAMETER	LENGTH				
ZBM10020	10 mm	20 mm	80 cm	0.035"	6F	1
ZBM10030	10 mm	30 mm	80 cm	0.035"	6F	1
ZBM10040	10 mm	40 mm	80 cm	0.035"	6F	1
ZBM10060	10 mm	60 mm	80 cm	0.035"	6F	1
ZBM10080	10 mm	80 mm	80 cm	0.035"	6F	1
ZBM10100	10 mm	100 mm	80 cm	0.035"	6F	1
ZBM10120	10 mm	120 mm	80 cm	0.035"	6F	1
ZBL10020	10 mm	20 mm	135 cm	0.035"	6F	1
ZBL10030	10 mm	30 mm	135 cm	0.035"	6F	1
ZBL10040	10 mm	40 mm	135 cm	0.035"	6F	1
ZBL10060	10 mm	60 mm	135 cm	0.035"	6F	1
ZBL10080	10 mm	80 mm	135 cm	0.035"	6F	1
ZBL10100	10 mm	100 mm	135 cm	0.035"	6F	1
ZBL10120	10 mm	120 mm	135 cm	0.035"	6F	1
ZBM12020	12 mm	20 mm	80 cm	0.035"	6F	1
ZBM12030	12 mm	30 mm	80 cm	0.035"	6F	1
ZBM12040	12 mm	40 mm	80 cm	0.035"	6F	1
ZBM12060	12 mm	60 mm	80 cm	0.035"	6F	1
ZBM12080	12 mm	80 mm	80 cm	0.035"	6F	1
ZBM12100	12 mm	100 mm	80 cm	0.035"	6F	1
ZBM12120	12 mm	120 mm	80 cm	0.035"	6F	1
ZBL12020	12 mm	20 mm	135 cm	0.035"	6F	1
ZBL12030	12 mm	30 mm	135 cm	0.035"	6F	1
ZBL12040	12 mm	40 mm	135 cm	0.035"	6F	1
ZBL12060	12 mm	60 mm	135 cm	0.035"	6F	1
ZBL12080	12 mm	80 mm	135 cm	0.035"	6F	1
ZBL12100	12 mm	100 mm	135 cm	0.035"	6F	1
ZBL12120	12 mm	120 mm	135 cm	0.035"	6F	1
ZBM14020	14 mm	20 mm	80 cm	0.035"	6F	1
ZBM14030	14 mm	30 mm	80 cm	0.035"	6F	1
ZBM14040	14 mm	40 mm	80 cm	0.035"	6F	1
ZBM14060	14 mm	60 mm	80 cm	0.035"	6F	1
ZBM14080	14 mm	80 mm	80 cm	0.035"	6F	1
ZBM14100	14 mm	100 mm	80 cm	0.035"	6F	1
ZBM14120	14 mm	120 mm	80 cm	0.035"	6F	1
ZBL14020	14 mm	20 mm	135 cm	0.035"	6F	1
ZBL14030	14 mm	30 mm	135 cm	0.035"	6F	1
ZBL14040	14 mm	40 mm	135 cm	0.035"	6F	1
ZBL14060	14 mm	60 mm	135 cm	0.035"	6F	1
ZBL14080	14 mm	80 mm	135 cm	0.035"	6F	1
ZBL14100	14 mm	100 mm	135 cm	0.035"	6F	1
ZBL14120	14 mm	120 mm	135 cm	0.035"	6F	1

WARNING: The safety and effectiveness of the 4 mm - 6 mm and 12 mm - 14 mm diameter and the 120 mm length E•LUMINEXX® Biliary Stent for use in the vascular system has not been established.

BILIARY STENTS

LIFESTAR™ Biliary Stents

PRODUCT CODE	STENT		CATHETER LENGTH	GUIDEWIRE	CATHETER DIAMETER	UNITS/EACH
	DIAMETER	LENGTH				
VIUS06020	6 mm	20 mm	80 cm	0.035"	6F	1
VIUS06030	6 mm	30 mm	80 cm	0.035"	6F	1
VIUS06040	6 mm	40 mm	80 cm	0.035"	6F	1
VIUS06060	6 mm	60 mm	80 cm	0.035"	6F	1
VIUS06080	6 mm	80 mm	80 cm	0.035"	6F	1
VIUS06100	6 mm	100 mm	80 cm	0.035"	6F	1
VIUS06120	6 mm	120 mm	80 cm	0.035"	6F	1
VIUL06020	6 mm	20 mm	135 cm	0.035"	6F	1
VIUL06030	6 mm	30 mm	135 cm	0.035"	6F	1
VIUL06040	6 mm	40 mm	135 cm	0.035"	6F	1
VIUL06060	6 mm	60 mm	135 cm	0.035"	6F	1
VIUL06080	6 mm	80 mm	135 cm	0.035"	6F	1
VIUL06100	6 mm	100 mm	135 cm	0.035"	6F	1
VIUL06120	6 mm	120 mm	135 cm	0.035"	6F	1
VIUS07020	7 mm	20 mm	80 cm	0.035"	6F	1
VIUS07030	7 mm	30 mm	80 cm	0.035"	6F	1
VIUS07040	7 mm	40 mm	80 cm	0.035"	6F	1
VIUS07060	7 mm	60 mm	80 cm	0.035"	6F	1
VIUS07080	7 mm	80 mm	80 cm	0.035"	6F	1
VIUS07100	7 mm	100 mm	80 cm	0.035"	6F	1
VIUS07120	7 mm	120 mm	80 cm	0.035"	6F	1
VIUL07020	7 mm	20 mm	135 cm	0.035"	6F	1
VIUL07030	7 mm	30 mm	135 cm	0.035"	6F	1
VIUL07040	7 mm	40 mm	135 cm	0.035"	6F	1
VIUL07060	7 mm	60 mm	135 cm	0.035"	6F	1
VIUL07080	7 mm	80 mm	135 cm	0.035"	6F	1
VIUL07100	7 mm	100 mm	135 cm	0.035"	6F	1
VIUL07120	7 mm	120 mm	135 cm	0.035"	6F	1
VIUS08020	8 mm	20 mm	80 cm	0.035"	6F	1
VIUS08030	8 mm	30 mm	80 cm	0.035"	6F	1
VIUS08040	8 mm	40 mm	80 cm	0.035"	6F	1
VIUS08060	8 mm	60 mm	80 cm	0.035"	6F	1
VIUS08080	8 mm	80 mm	80 cm	0.035"	6F	1
VIUS08100	8 mm	100 mm	80 cm	0.035"	6F	1
VIUS08120	8 mm	120 mm	80 cm	0.035"	6F	1
VIUL08020	8 mm	20 mm	135 cm	0.035"	6F	1
VIUL08030	8 mm	30 mm	135 cm	0.035"	6F	1
VIUL08040	8 mm	40 mm	135 cm	0.035"	6F	1
VIUL08060	8 mm	60 mm	135 cm	0.035"	6F	1
VIUL08080	8 mm	80 mm	135 cm	0.035"	6F	1
VIUL08100	8 mm	100 mm	135 cm	0.035"	6F	1
VIUL08120	8 mm	120 mm	135 cm	0.035"	6F	1

BILIARY STENTS

LIFESTAR™ Biliary Stents

PRODUCT CODE	STENT		CATHETER LENGTH	GUIDEWIRE	CATHETER DIAMETER	UNITS/EACH
	DIAMETER	LENGTH				
VIUS09020	9 mm	20 mm	80 cm	0.035"	6F	1
VIUS09030	9 mm	30 mm	80 cm	0.035"	6F	1
VIUS09040	9 mm	40 mm	80 cm	0.035"	6F	1
VIUS09060	9 mm	60 mm	80 cm	0.035"	6F	1
VIUS09080	9 mm	80 mm	80 cm	0.035"	6F	1
VIUS09100	9 mm	100 mm	80 cm	0.035"	6F	1
VIUS09120	9 mm	120 mm	80 cm	0.035"	6F	1
VIUL09020	9 mm	20 mm	135 cm	0.035"	6F	1
VIUL09030	9 mm	30 mm	135 cm	0.035"	6F	1
VIUL09040	9 mm	40 mm	135 cm	0.035"	6F	1
VIUL09060	9 mm	60 mm	135 cm	0.035"	6F	1
VIUL09080	9 mm	80 mm	135 cm	0.035"	6F	1
VIUL09100	9 mm	100 mm	135 cm	0.035"	6F	1
VIUL09120	9 mm	120 mm	135 cm	0.035"	6F	1
VIUS10020	10 mm	20 mm	80 cm	0.035"	6F	1
VIUS10030	10 mm	30 mm	80 cm	0.035"	6F	1
VIUS10040	10 mm	40 mm	80 cm	0.035"	6F	1
VIUS10060	10 mm	60 mm	80 cm	0.035"	6F	1
VIUS10080	10 mm	80 mm	80 cm	0.035"	6F	1
VIUS10100	10 mm	100 mm	80 cm	0.035"	6F	1
VIUS10120	10 mm	120 mm	80 cm	0.035"	6F	1
VIUL10020	10 mm	20 mm	135 cm	0.035"	6F	1
VIUL10030	10 mm	30 mm	135 cm	0.035"	6F	1
VIUL10040	10 mm	40 mm	135 cm	0.035"	6F	1
VIUL10060	10 mm	60 mm	135 cm	0.035"	6F	1
VIUL10080	10 mm	80 mm	135 cm	0.035"	6F	1
VIUL10100	10 mm	100 mm	135 cm	0.035"	6F	1
VIUL10120	10 mm	120 mm	135 cm	0.035"	6F	1
VIUS12020	12 mm	20 mm	80 cm	0.035"	6F	1
VIUS12030	12 mm	30 mm	80 cm	0.035"	6F	1
VIUS12040	12 mm	40 mm	80 cm	0.035"	6F	1
VIUS12060	12 mm	60 mm	80 cm	0.035"	6F	1
VIUS12080	12 mm	80 mm	80 cm	0.035"	6F	1
VIUS12100	12 mm	100 mm	80 cm	0.035"	6F	1
VIUS12120	12 mm	120 mm	80 cm	0.035"	6F	1
VIUL12020	12 mm	20 mm	135 cm	0.035"	6F	1
VIUL12030	12 mm	30 mm	135 cm	0.035"	6F	1
VIUL12040	12 mm	40 mm	135 cm	0.035"	6F	1
VIUL12060	12 mm	60 mm	135 cm	0.035"	6F	1
VIUL12080	12 mm	80 mm	135 cm	0.035"	6F	1
VIUL12100	12 mm	100 mm	135 cm	0.035"	6F	1
VIUL12120	12 mm	120 mm	135 cm	0.035"	6F	1

BILIARY STENTS

LIFESTAR™ Biliary Stents

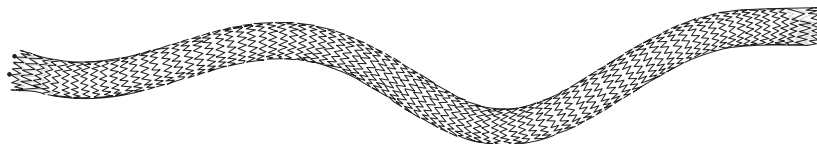
PRODUCT CODE	STENT		CATHETER LENGTH	GUIDEWIRE	CATHETER DIAMETER	UNITS/EACH
	DIAMETER	LENGTH				
VIUS14020	14 mm	20 mm	80 cm	0.035"	6F	1
VIUS14030	14 mm	30 mm	80 cm	0.035"	6F	1
VIUS14040	14 mm	40 mm	80 cm	0.035"	6F	1
VIUS14060	14 mm	60 mm	80 cm	0.035"	6F	1
VIUS14080	14 mm	80 mm	80 cm	0.035"	6F	1
VIUS14100	14 mm	100 mm	80 cm	0.035"	6F	1
VIUS14120	14 mm	120 mm	80 cm	0.035"	6F	1
VIUL14020	14 mm	20 mm	135 cm	0.035"	6F	1
VIUL14030	14 mm	30 mm	135 cm	0.035"	6F	1
VIUL14040	14 mm	40 mm	135 cm	0.035"	6F	1
VIUL14060	14 mm	60 mm	135 cm	0.035"	6F	1
VIUL14080	14 mm	80 mm	135 cm	0.035"	6F	1
VIUL14100	14 mm	100 mm	135 cm	0.035"	6F	1
VIUL14120	14 mm	120 mm	135 cm	0.035"	6F	1

BILIARY STENTS

LIFEStENT® and LIFEStENT® XL Biliary Stent Systems

PRODUCT CODE	STENT		CATHETER LENGTH	GUIDEWIRE	CATHETER DIAMETER	UNITS/EACH
	DIAMETER	LENGTH				
EX050201CS	5 mm	20 mm	80 cm	0.035"	6F	1
EX050301CS	5 mm	30 mm	80 cm	0.035"	6F	1
EX050401CS	5 mm	40 mm	80 cm	0.035"	6F	1
EX050601CS	5 mm	60 mm	80 cm	0.035"	6F	1
EX050801CS	5 mm	80 mm	80 cm	0.035"	6F	1
EX051001CS	5 mm	100 mm	80 cm	0.035"	6F	1
EX051201CS	5 mm	120 mm	80 cm	0.035"	6F	1
EX050203CS	5 mm	20 mm	130 cm	0.035"	6F	1
EX050303CS	5 mm	30 mm	130 cm	0.035"	6F	1
EX050403CS	5 mm	40 mm	130 cm	0.035"	6F	1
EX050603CS	5 mm	60 mm	130 cm	0.035"	6F	1
EX050803CS	5 mm	80 mm	130 cm	0.035"	6F	1
EX051003CS	5 mm	100 mm	130 cm	0.035"	6F	1
EX051203CS	5 mm	120 mm	130 cm	0.035"	6F	1
EX060201CS	6 mm	20 mm	80 cm	0.035"	6F	1
EX060301CS	6 mm	30 mm	80 cm	0.035"	6F	1
EX060401CS	6 mm	40 mm	80 cm	0.035"	6F	1
EX060601CS	6 mm	60 mm	80 cm	0.035"	6F	1
EX060801CS	6 mm	80 mm	80 cm	0.035"	6F	1
EX061001CS	6 mm	100 mm	80 cm	0.035"	6F	1
EX061201CS	6 mm	120 mm	80 cm	0.035"	6F	1
EX061501CS	6 mm	150 mm	80 cm	0.035"	6F	1
EX060203CS	6 mm	20 mm	130 cm	0.035"	6F	1
EX060303CS	6 mm	30 mm	130 cm	0.035"	6F	1
EX060403CS	6 mm	40 mm	130 cm	0.035"	6F	1
EX060603CS	6 mm	60 mm	130 cm	0.035"	6F	1
EX060803CS	6 mm	80 mm	130 cm	0.035"	6F	1
EX061003CS	6 mm	100 mm	130 cm	0.035"	6F	1
EX061203CS	6 mm	120 mm	130 cm	0.035"	6F	1
EX061503CS	6 mm	150 mm	130 cm	0.035"	6F	1

WARNING: The safety and effectiveness of the 8 mm - 10 mm diameter LIFEStENT® Biliary Stent Systems for use in the vascular system has not been established.



BILIARY STENTS

LIFEStENT® and LIFEStENT® XL Biliary Stent Systems

PRODUCT CODE	STENT		CATHETER LENGTH	GUIDEWIRE	CATHETER DIAMETER	UNITS/EACH
	DIAMETER	LENGTH				
EX070201CS	7 mm	20 mm	80 cm	0.035"	6F	1
EX070301CS	7 mm	30 mm	80 cm	0.035"	6F	1
EX070401CS	7 mm	40 mm	80 cm	0.035"	6F	1
EX070601CS	7 mm	60 mm	80 cm	0.035"	6F	1
EX070801CS	7 mm	80 mm	80 cm	0.035"	6F	1
EX071001CS	7 mm	100 mm	80 cm	0.035"	6F	1
EX071201CS	7 mm	120 mm	80 cm	0.035"	6F	1
EX071501CS	7 mm	150 mm	80 cm	0.035"	6F	1
EX070203CS	7 mm	20 mm	130 cm	0.035"	6F	1
EX070303CS	7 mm	30 mm	130 cm	0.035"	6F	1
EX070403CS	7 mm	40 mm	130 cm	0.035"	6F	1
EX070603CS	7 mm	60 mm	130 cm	0.035"	6F	1
EX070803CS	7 mm	80 mm	130 cm	0.035"	6F	1
EX071003CS	7 mm	100 mm	130 cm	0.035"	6F	1
EX071203CS	7 mm	120 mm	130 cm	0.035"	6F	1
EX071503CS	7 mm	150 mm	130 cm	0.035"	6F	1

WARNING: The safety and effectiveness of the 8 mm - 10 mm diameter LIFEStENT® Biliary Stent Systems for use in the vascular system has not been established.

BILIARY STENTS

LIFEStENT® and LIFEStENT® XL Biliary Stent Systems

PRODUCT CODE	STENT		CATHETER LENGTH	GUIDEWIRE	CATHETER DIAMETER	UNITS/EACH
	DIAMETER	LENGTH				
EX080201CD	8 mm	20 mm	80 cm	0.035"	6F	1
EX080301CD	8 mm	30 mm	80 cm	0.035"	6F	1
EX080401CD	8 mm	40 mm	80 cm	0.035"	6F	1
EX080601CD	8 mm	60 mm	80 cm	0.035"	6F	1
EX080801CD	8 mm	80 mm	80 cm	0.035"	6F	1
EX080203CD	8 mm	20 mm	130 cm	0.035"	6F	1
EX080303CD	8 mm	30 mm	130 cm	0.035"	6F	1
EX080403CD	8 mm	40 mm	130 cm	0.035"	6F	1
EX080603CD	8 mm	60 mm	130 cm	0.035"	6F	1
EX080803CD	8 mm	80 mm	130 cm	0.035"	6F	1
EX090201CD	9 mm	20 mm	80 cm	0.035"	6F	1
EX090301CD	9 mm	30 mm	80 cm	0.035"	6F	1
EX090401CD	9 mm	40 mm	80 cm	0.035"	6F	1
EX090601CD	9 mm	60 mm	80 cm	0.035"	6F	1
EX090801CD	9 mm	80 mm	80 cm	0.035"	6F	1
EX090203CD	9 mm	20 mm	130 cm	0.035"	6F	1
EX090303CD	9 mm	30 mm	130 cm	0.035"	6F	1
EX090403CD	9 mm	40 mm	130 cm	0.035"	6F	1
EX090603CD	9 mm	60 mm	130 cm	0.035"	6F	1
EX090803CD	9 mm	80 mm	130 cm	0.035"	6F	1
EX100201CD	10 mm	20 mm	80 cm	0.035"	6F	1
EX100301CD	10 mm	30 mm	80 cm	0.035"	6F	1
EX100401CD	10 mm	40 mm	80 cm	0.035"	6F	1
EX100601CD	10 mm	60 mm	80 cm	0.035"	6F	1
EX100801CD	10 mm	80 mm	80 cm	0.035"	6F	1
EX100203CD	10 mm	20 mm	130 cm	0.035"	6F	1
EX100303CD	10 mm	30 mm	130 cm	0.035"	6F	1
EX100403CD	10 mm	40 mm	130 cm	0.035"	6F	1
EX100603CD	10 mm	60 mm	130 cm	0.035"	6F	1
EX100803CD	10 mm	80 mm	130 cm	0.035"	6F	1

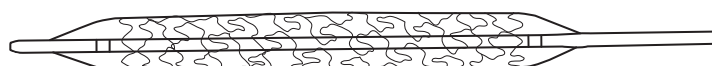
WARNING: The safety and effectiveness of the 8 mm - 10 mm diameter LIFEStENT® Biliary Stent Systems for use in the vascular system has not been established.

BILIARY STENTS

VALEO® Balloon Expandable Biliary Stents

PRODUCT CODE	STENT		CATHETER LENGTH	GUIDEWIRE	CATHETER DIAMETER	UNITS/EACH
	DIAMETER	LENGTH				
EV06181CD	6 mm	18 mm	80 cm	0.035"	6F	1
EV06261CD	6 mm	26 mm	80 cm	0.035"	6F	1
EV06361CD	6 mm	36 mm	80 cm	0.035"	6F	1
EV06182CD	6 mm	18 mm	120 cm	0.035"	6F	1
EV06262CD	6 mm	26 mm	120 cm	0.035"	6F	1
EV06362CD	6 mm	36 mm	120 cm	0.035"	6F	1
EV07181CD	7 mm	18 mm	80 cm	0.035"	6F	1
EV07261CD	7 mm	26 mm	80 cm	0.035"	6F	1
EV07361CD	7 mm	36 mm	80 cm	0.035"	6F	1
EV07561CD	7 mm	56 mm	80 cm	0.035"	6F	1
EV07182CD	7 mm	18 mm	120 cm	0.035"	6F	1
EV07262CD	7 mm	26 mm	120 cm	0.035"	6F	1
EV07362CD	7 mm	36 mm	120 cm	0.035"	6F	1
EV07562CD	7 mm	56 mm	120 cm	0.035"	6F	1
EV08181CD	8 mm	18 mm	80 cm	0.035"	6F	1
EV08261CD	8 mm	26 mm	80 cm	0.035"	6F	1
EV08361CD	8 mm	36 mm	80 cm	0.035"	6F	1
EV08561CD	8 mm	56 mm	80 cm	0.035"	6F	1
EV08182CD	8 mm	18 mm	120 cm	0.035"	6F	1
EV08262CD	8 mm	26 mm	120 cm	0.035"	6F	1
EV08362CD	8 mm	36 mm	120 cm	0.035"	6F	1
EV08562CD	8 mm	56 mm	120 cm	0.035"	7F	1
EV09171CD	9 mm	17 mm	80 cm	0.035"	7F	1
EV09261CD	9 mm	26 mm	80 cm	0.035"	7F	1
EV09361CD	9 mm	36 mm	80 cm	0.035"	7F	1
EV09172CD	9 mm	17 mm	120 cm	0.035"	7F	1
EV09262CD	9 mm	26 mm	120 cm	0.035"	7F	1
EV09362CD	9 mm	36 mm	120 cm	0.035"	7F	1
EV10171CD	10 mm	17 mm	80 cm	0.035"	7F	1
EV10261CD	10 mm	26 mm	80 cm	0.035"	7F	1
EV10361CD	10 mm	36 mm	80 cm	0.035"	7F	1
EV10172CD	10 mm	17 mm	120 cm	0.035"	7F	1
EV10262CD	10 mm	26 mm	120 cm	0.035"	7F	1
EV10362CD	10 mm	36 mm	120 cm	0.035"	7F	1

WARNING: The safety and effectiveness of the VALEO® Balloon Expandable Biliary Stents for use in the vascular system has not been established.



DRAINAGE

ASPIRA® Drainage Catheters

PRODUCT CODE	DESCRIPTION	UNITS/CASE
ASPIRA® Peritoneal Drainage Catheters		
4992206	Peritoneal Drainage Catheter Kit <i>Includes:</i> 1 Insertion Tray with Catheter	1
4992207	Peritoneal Drainage Complete Kit <i>Includes:</i> 1 Insertion Tray with Catheter 5 Drainage Kits 5 Dressing Kits Voucher for 20 Drainage Kits Voucher for 20 Dressing Kits	1
4992208	Peritoneal Drainage Essential Kit <i>Includes:</i> 1 Insertion Tray with Catheter 20 Drainage Kits 20 Dressing Kits	1
4992209	Peritoneal Drainage Starter Kit <i>Includes:</i> 1 Insertion Tray with Catheter 5 Drainage Kits 5 Dressing Kits	1
ASPIRA® Pleural Drainage Catheters		
4992506	Pleural Drainage Catheter Kit <i>Includes:</i> 1 Insertion Tray with Catheter	1
4992507	Pleural Drainage Complete Kit <i>Includes:</i> 1 Insertion Tray with Catheter 5 Drainage Kits 5 Dressing Kits Voucher for 20 Drainage Kits Voucher for 20 Dressing Kits	1
4992508	Pleural Drainage Essential Kit <i>Includes:</i> 1 Insertion Tray with Catheter 20 Drainage Kits 20 Dressing Kits	1
4992509	Peritoneal Drainage Starter Kit <i>Includes:</i> 1 Insertion Tray with Catheter 5 Drainage Kits 5 Dressing Kits	1
ASPIRA® Drainage Disposables		
4991503	Dressing Kit - 5 Kits Included	5/case
4992301	1,000 ml Drainage Bag - 5 Bags Included	5/case
4992303	600 ml Drainage Bottle - 10 Drainage Bottles and 10 Dressing Kits	10/case
4992305	Luer Adapter	5/case
4992306	Repair Kit	5/case
4992307	Universal Tubing Adapter	5/case

DRAINAGE

NAVARRE® Drainage Catheters

PRODUCT CODE	DESCRIPTION	UNITS/CASE
NAVARRE® Percutaneous Biliary Drainage Catheters with Nitinol		
NBD8	8 F Locking Pigtail	5/case
NBD10	10 F Locking Pigtail	5/case
NBD12	12 F Locking Pigtail	5/case
NAVARRE® Universal Drainage Catheters with Nitinol		
NNU6J	6 F J-Curve	5/case
NNU6PT	6 F Pigtail	5/case
NNU6LPT	6 F Locking Pigtail	5/case
NNU6LP15	6 F 15 cm Locking Pigtail	5/case
NNU8J	8 F J-Curve	5/case
NNU8PT	8 F Pigtail	5/case
NNU8LPT	8 F Locking Pigtail	5/case
NNU8LP15	8 F 15 cm Locking Pigtail	5/case
NNU10J	10 F J-Curve	5/case
NNU10PT	10 F Pigtail	5/case
NNU10LPT	10 F Locking Pigtail	5/case
NNU12J	12 F J-Curve	5/case
NNU12PT	12 F Pigtail	5/case
NNU12LPT	12 F Locking Pigtail	5/case
NAVARRE® Opti-Drain Multi-Use Drainage Catheters		
NOD8J	8 F J-Curve	5/case
NOD8PT	8 F Pigtail	5/case
NOD8LPT	8 F Locking Pigtail	5/case
NOD10J	10 F J-Curve	5/case
NOD10PT	10 F Pigtail	5/case
NOD10LPT	10 F Locking Pigtail	5/case
NOD12J	12 F J-Curve	5/case
NOD12PT	12 F Pigtail	5/case
NOD12LPT	12 F Locking Pigtail	5/case
NAVARRE® Drainage Accessories		
NDB600	Universal Gravity Drainage Bag (600 mL)	10/case
NAVARRE® VacuBag 1000 mL Drainage Bag		
NDB1000	Drainage Bag (1000 mL)	5/case

ENTERAL FEEDING

Low-Profile Replacement Devices

PRODUCT CODE	FR	LENGTH	BALLOON/ NON-BALLOON	UNITS/CASE
BARD® Button Continuous Feeding Tube (90° Adaptor) (Non-Sterile)				
000256	18 F	N/A	Non-Balloon	12/case
000258	24 F	N/A	Non-Balloon	12/case
000268	28 F	N/A	Non-Balloon	12/case
BARD® Button Device Feeding Tube Bolus with Straight Adaptor (Non-Sterile)				
000257	18 F	10"	Non-Balloon	12/case
000259	24 F	10"	Non-Balloon	12/case
000269	28 F	10"	Non-Balloon	12/case
BARD® Button Decompression Tube				
		STOMA LENGTH		
000361	18 F	1.2 cm	Non-Balloon	6/case
000350	18 F	1.7 cm	Non-Balloon	6/case
000351	18 F	2.4 cm	Non-Balloon	6/case
000352	18 F	3.4 cm	Non-Balloon	6/case
000362	24 F	1.2 cm	Non-Balloon	6/case
000353	24 F	1.7 cm	Non-Balloon	6/case
000354	24 F	2.4 cm	Non-Balloon	6/case
000355	24 F	3.4 cm	Non-Balloon	6/case
000356	24 F	4.4 cm	Non-Balloon	6/case
000357	28 F	1.5 cm	Non-Balloon	6/case
000358	28 F	2.7 cm	Non-Balloon	6/case
000359	28 F	4.3 cm	Non-Balloon	6/case
BARD® Button Gastrostomy Tube and Accessories				
		STOMA LENGTH		
000292	18 F	1.2 cm	Non-Balloon	1
000282	18 F	1.7 cm	Non-Balloon	1
000283	18 F	2.4 cm	Non-Balloon	1
000284	18 F	3.4 cm	Non-Balloon	1
000293	24 F	1.2 cm	Non-Balloon	1
000285	24 F	1.7 cm	Non-Balloon	1
000286	24 F	2.4 cm	Non-Balloon	1
000287	24 F	3.4 cm	Non-Balloon	1
000296	24 F	4.4 cm	Non-Balloon	1
000261	28 F	1.5 cm	Non-Balloon	1
000262	28 F	2.7 cm	Non-Balloon	1
000263	28 F	4.3 cm	Non-Balloon	1

ENTERAL FEEDING

Percutaneous Endoscopic Gastrostomy (PEG) Feeding Devices

PRODUCT CODE	FR	PUSH/PULL†	UNITS/CASE
PONSKY® PEG with Standard Kit*, Non-Safety**			
000330	20 F	Pull	2/case
000331	20 F	Push	2/case
PONSKY® PEG with Deluxe Kit*, Safety**			
003029	20 F	Pull	2/case
003030	20 F	Push	2/case
003027	28 F	Pull	2/case
003028	28 F	Push	2/case
PONSKY® PEG with Deluxe Kit*, Non-Safety**			
000792	20 F	Pull	2/case
000793	20 F	Push	2/case
PONSKY-GAUDERER® PEG with Standard Kit*, Non-Safety**			
000328	20 F	Push	2/case
000329	20 F	Pull	2/case

*Deluxe Kits include snare and scissors, standards kits do not.

**Safely Kits include safety engineered sharp devices.

† Push = Guidewire

Percutaneous Endoscopic Gastrostomy (PEG) Accessories

PRODUCT CODE	FR	CATHETER LENGTH	PUSH/PULL	UNITS/CASE
Jejunal Feeding/Gastric Decompression Tube				
000319	9 F	27 in	Pull	2/case
000732	9 F	35 in	Push	2/case
000733	12 F	27 in	Pull	2/case
000734	12 F	35 in	Push	2/case
PONSKY® Dual Port Feeding Adapter				
000317	16 F	N/A	N/A	5/case
000333*	20 F	N/A	N/A	5/case
000318	28 F	N/A	N/A	5/case
PEG Cleaning Brush				
000396	N/A	N/A	N/A	20/case

*Also compatible with the PONSKEY-GAUDERER® Dual Port Feeding Adapter and PONSKEY® Non-Balloon Replacement Gastrostomy Tubes.

ENTERAL FEEDING

Standard Profile Replacement Devices

PRODUCT CODE	FR	BALLOON SIZE	BALLOON/ NON-BALLOON	UNITS/CASE
BARD® Tri-Funnel Replacement Gastrostomy Tube				
000712	12 F	5 cc	Balloon	2/case
000714	14 F	5 cc	Balloon	2/case
000716	16 F	20 cc	Balloon	2/case
000718	18 F	20 cc	Balloon	2/case
000720	20 F	20 cc	Balloon	2/case
000722	22 F	20 cc	Balloon	2/case
000724	24 F	20 cc	Balloon	2/case
PONSKY® Replacement Gastrostomy Tube				
000700	20 F	N/A	Non-Balloon	2/case

Stoma Measuring Device

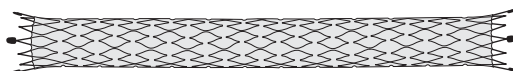
PRODUCT CODE	FRENCH	UNITS/CASE
Use with BARD® Button Device		
000842	18/24 F	5/case
000843	28 F	5/case

TRACHEOBRONCHIAL STENT GRAFTS

FLUENCY® Plus Tracheobronchial Stent Grafts

PRODUCT CODE	STENT GRAFT		CATHETER LENGTH	GUIDEWIRE	CATHETER DIAMETER	UNITS/EACH
	DIAMETER	LENGTH				
FTM06040	6 mm	40 mm	80 cm	0.035"	8F	1
FTM06060	6 mm	60 mm	80 cm	0.035"	8F	1
FTM06080	6 mm	80 mm	80 cm	0.035"	8F	1
FTL06040	6 mm	40 mm	117 cm	0.035"	8F	1
FTL06060	6 mm	60 mm	117 cm	0.035"	8F	1
FTL06080	6 mm	80 mm	117 cm	0.035"	8F	1
FTM07040	7 mm	40 mm	80 cm	0.035"	8F	1
FTM07060	7 mm	60 mm	80 cm	0.035"	8F	1
FTM07080	7 mm	80 mm	80 cm	0.035"	9F	1
FTL07040	7 mm	40 mm	117 cm	0.035"	8F	1
FTL07060	7 mm	60 mm	117 cm	0.035"	8F	1
FTL07080	7 mm	80 mm	117 cm	0.035"	9F	1
FTM08040	8 mm	40 mm	80 cm	0.035"	9F	1
FTM08060	8 mm	60 mm	80 cm	0.035"	9F	1
FTM08080	8 mm	80 mm	80 cm	0.035"	9F	1
FTL08040	8 mm	40 mm	117 cm	0.035"	9F	1
FTL08060	8 mm	60 mm	117 cm	0.035"	9F	1
FTL08080	8 mm	80 mm	117 cm	0.035"	9F	1
FTM09040	9 mm	40 mm	80 cm	0.035"	9F	1
FTM09060	9 mm	60 mm	80 cm	0.035"	9F	1
FTM09080	9 mm	80 mm	80 cm	0.035"	9F	1
FTL09040	9 mm	40 mm	117 cm	0.035"	9F	1
FTL09060	9 mm	60 mm	117 cm	0.035"	9F	1
FTL09080	9 mm	80 mm	117 cm	0.035"	9F	1
FTM10040	10 mm	40 mm	80 cm	0.035"	9F	1
FTM10060	10 mm	60 mm	80 cm	0.035"	9F	1
FTM10080	10 mm	80 mm	80 cm	0.035"	9F	1
FTL10040	10 mm	40 mm	117 cm	0.035"	9F	1
FTL10060	10 mm	60 mm	117 cm	0.035"	9F	1
FTL10080	10 mm	80 mm	117 cm	0.035"	9F	1

WARNING: The safety and effectiveness of the FLUENCY® Plus Tracheobronchial Stent Grafts for use in the vascular system has not been established and can result in serious harm and/or death.



PRODUCT CODE INDEX

000256.....	103	002906.....	83	0264513.....	84	0604520.....	54
000257.....	103	003027.....	104	0600040.....	35	0604550.....	54
000258.....	103	003028.....	104	0600560.....	37	0604580.....	54
000259.....	103	003029.....	104	0600570.....	37	0604970.....	55
000261.....	103	003030.....	104	0600580.....	37	0605300.....	56
000262.....	103	007018.....	33	0600600.....	37	0605320.....	56
000263.....	103	007019.....	33	0600620.....	37	0605400.....	54
000268.....	103	007021.....	33	0600630.....	39	0605420.....	54
000269.....	103	007603.....	86	0600650.....	37	0605450.....	54
000282.....	103	007604.....	86	0601110.....	41	0605490.....	56
000283.....	103	007605.....	86	0601113.....	41	0605510.....	56
000284.....	103	007606.....	86	0601114.....	41	0605550.....	56
000285.....	103	007607.....	86	0601115.....	41	0605560.....	56
000286.....	103	007608.....	86	0601150.....	41	0605640.....	55
000287.....	103	007714.....	34	0601165.....	41	0605840.....	57
000292.....	103	007755.....	34	0601170.....	41	0605850.....	57
000293.....	103	007826.....	32	0601600.....	35	0605920.....	54
000296.....	103	007827.....	32	0601610.....	35	0605930.....	54
000317.....	104	007828.....	32	0601620.....	35	0606100.....	56
000318.....	104	007829.....	32	0601630.....	38	0606150.....	56
000319.....	104	007830.....	32	0601680.....	38	0606200.....	56
000328.....	104	007831.....	32	0601690.....	38	0606560.....	37
000329.....	104	007834.....	32	0601700.....	38	0607100.....	54
000330.....	104	007835.....	32	0601710.....	38	0607173.....	54
000331.....	104	007836.....	33	0601720.....	38	0607174.....	54
000333.....	104	007837.....	33	0601730.....	38	0607200.....	54
000350.....	103	007838.....	33	0601740.....	38	0607302.....	56
000351.....	103	007839.....	33	0601750.....	39	0607510.....	57
000352.....	103	007913.....	83	0601760.....	38	0607520.....	57
000353.....	103	007914.....	83	0601770.....	38	0607530.....	57
000354.....	103	007915.....	83	0601780.....	38	0607540.....	57
000355.....	103	007916.....	83	0601790.....	38	0607550.....	57
000356.....	103	007917.....	83	0601860.....	38	0607555.....	57
000357.....	103	007918.....	83	0601870.....	41	0607630.....	57
000358.....	103	007937.....	32	0601930.....	41	0607650.....	57
000359.....	103	007939.....	32	0601940.....	36	0607655.....	57
000361.....	103	007940.....	32	0602180.....	56	0607675.....	57
000362.....	103	007942.....	32	0602190.....	56	0607710.....	41
000396.....	104	007943.....	32	0602210.....	56	0607760.....	57
000671.....	34	007944.....	32	0602230.....	56	0607770.....	41
000673.....	34	007955.....	32	0602240.....	56	0607780.....	41
000675.....	34	007956.....	32	0602260.....	56	0608530.....	57
000677.....	34	007957.....	32	0602270.....	56	0608540.....	57
000679.....	34	007958.....	33	0602280.....	56	0609190.....	37
000681.....	34	007959.....	33	0602290.....	56	0609230.....	37
000683.....	34	007963.....	33	0602610.....	54	0609270.....	37
000685.....	34	007965.....	33	0602620.....	54	0615460.....	54
000700.....	105	007968.....	33	0602640.....	54	0654970.....	55
000712.....	105	007969.....	33	0602660.....	54	0655510.....	56
000714.....	105	007970.....	33	0602670.....	54	0655640.....	55
000716.....	105	007971.....	33	0602680.....	54	0655870.....	57
000718.....	105	007972.....	33	0602690.....	54	0657500.....	57
000720.....	105	007973.....	33	0602810.....	56	0657510.....	57
000722.....	105	007974.....	33	0602830.....	54	0657520.....	57
000724.....	105	007975.....	33	0602840.....	54	0657525.....	57
000732.....	104	007976.....	33	0602850.....	56	0657675.....	57
000733.....	104	007977.....	33	0602870.....	56	0658510.....	57
000734.....	104	007979.....	32	0603000.....	55	0659190.....	37
000792.....	104	007984.....	33	0603006.....	55	0659230.....	37
000793.....	104	008972.....	33	0603500.....	54	0659270.....	37
000842.....	105	05506.....	74	0603830.....	55	0700515.....	40
000843.....	105	0204511.....	84	0603840.....	55	0700610.....	40
002904.....	83	0224512.....	84	0603870.....	55	0700615.....	40
002905.....	83	0244512.....	84	0603880.....	55	0720515.....	40

For Ordering or Information: **1.800.321.4254**

CONFIDENTIAL AND PROPRIETARY 107

Please consult package inserts for more detailed safety information and instructions for use.

PRODUCT CODE INDEX

0730610	40	1808550	60	5393230	47	5733350	48
0730615	40	1808551	60	5393270	47	5733353	48
0802815	40	1808560	60	5393310	47	5733690	48
0802915	40	1808561	60	5393350	47	5733693	48
0805810	40	1809600	60	5393420	47	5733694	48
0805815	40	1809601	60	5393500	47	5733730	48
0805910	40	1809660	60	5396190	47	5733733	48
0805915	40	1809661	60	5396240	47	5733734	48
1608062	58	1809670	60	5396280	47	5734420	48
1618000	58	1829500	60	5396310	47	5734423	48
1618070	58	1829570	60	5397150	47	5735150	48
1706050	59	1859600	60	5397190	47	5735190	48
1706051	59	1859601	60	5397230	47	5735230	48
1706052	61	1859660	60	5397270	47	5735270	48
1706060	59	1859661	60	5397310	47	5743270	48
1706061	59	1878000	60	5397350	47	5743273	48
1706062	61	1878001	60	5397420	47	5743310	48
1708000	59	1878070	60	5397500	47	5743313	48
1708001	59	1878071	60	5513150	53	5743350	48
1708050	59	4708060	59	5513165	53	5743690	48
1708051	59	4708061	59	5515110	53	5743693	48
1708052	61	4708560	59	5515160	53	5743730	48
1708060	59	4708561	59	5515180	53	5743733	48
1708061	59	4808060	60	5533620	52	5744420	48
1708062	61	4808061	60	5533690	52	5833150	50
1708070	59	4808560	60	5581000	45	5833270	50
1708071	59	4808561	60	5582000	53	5833273	50
1708550	59	4991503	101	5582080	53	5833310	50
1708551	59	4992206	101	5582100	53	5833313	50
1708560	59	4992207	101	5582110	53	5833350	50
1708561	59	4992208	101	5583700	53	5833353	50
1709600	59	4992209	101	5583705	53	5833690	50
1709601	59	4992301	101	5584180	53	5833693	50
1716000	61	4992303	101	5585000	52	5833730	50
1716001	61	4992305	101	5589040	53	5833733	50
1716070	61	4992306	101	5683270	49	5834420	50
1716071	61	4992307	101	5683273	49	5834423	50
1718000	61	4992506	101	5683310	49	5835150	50
1718001	61	4992507	101	5683313	49	5835190	50
1718070	61	4992508	101	5683350	49	5835230	50
1718500	61	4992509	101	5683353	49	5835270	50
1718501	61	5223190	45	5683690	49	5883270	50
1759600	59	5223230	45	5683693	49	5883273	50
1759601	59	5223280	45	5683730	49	5883310	50
1778000	59	5323190	51	5683733	49	5883313	50
1778001	59	5323230	51	5684420	49	5883350	50
1778070	59	5323270	51	5684423	49	5883353	49
1778071	59	5323310	51	5685150	49	5883690	50
1806050	60	5323350	51	5685190	49	5883693	50
1806051	60	5323420	51	5685230	49	5883730	50
1806052	61	5323500	51	5685270	49	5883733	50
1806060	60	5325190	51	5688000	49	5884420	50
1806061	60	5325240	51	5693270	49	5884423	50
1806062	61	5325280	51	5693310	49	5885150	50
1808000	60	5325310	51	5693690	49	5885190	50
1808001	60	5327190	51	5693730	49	5885230	50
1808050	60	5327230	51	5733150	48	5885270	50
1808051	60	5327270	51	5733153	48	5903150	46
1808052	61	5327310	51	5733270	48	5903190	46
1808060	60	5327350	51	5733273	48	5903230	46
1808061	60	5327420	51	5733274	48	5903270	46
1808062	61	5327500	51	5733310	48	5903310	46
1808070	60	5393150	47	5733313	48	5903350	46
1808071	60	5393190	47	5733314	48	5903420	46

108 For Ordering or Information: **1.800.321.4254**

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PRODUCT CODE INDEX

5904190	46	20S06	74	70S06TWC	73	ATG120162	5
5904230	46	20S06C	71	70S07	74	ATG120164	5
5904270	46	20S06TW	77	70S07C	71	ATG120166	5
5904310	46	20S06TWC	73	70S07TW	77	ATG120182	5
5905190	46	20S07C	71	70S07TWC	73	ATG120184	5
5905240	46	20S08	74	70S08	74	ATG120186	5
5905280	46	20S08C	71	70S08C	71	ATG120202	6
5905310	46	2120F	87	70S08TW	77	ATG120204	6
5913190	46	2220J	87	70S08TWC	73	ATG120222	6
5913230	46	2320A	87	70S10	74	ATG120224	6
5913270	46	25P15006	32	70T74	76	ATG120242	6
5913310	46	30P3006	32	70T74C	72	ATG120244	6
5913350	46	30P6004	32	70T74TWC	73	ATG120262	6
5913420	46	30S06	74	70T85	76	ATG120264	6
5915190	46	30S06C	71	70T85TWC	73	ATG80122	5
5915240	46	30S06TW	77	80S06	74	ATG80124	5
5915280	46	3120F	87	80S06C	71	ATG80126	5
5915310	46	3220J	87	80S06TW	77	ATG80142	5
6603880	55	3320A	87	80S06TWC	73	ATG80144	5
6604550	54	35S13	74	80S07C	71	ATG80146	5
7707540	57	35S16	74	80S07TW	77	ATG80162	5
7711700	36	35S19	74	80S07TWC	73	ATG80164	5
7711800	36	40A64	76	80S08	74	ATG80166	5
7712500	36	40A64C	72	80S08C	71	ATG80182	5
7712510	36	40A74	76	80S08TW	77	ATG80184	5
7712550	36	40A74C	72	80S08TWC	73	ATG80186	5
7712700	36	40S03TW	77	90S06	74	ATG80202	6
7712800	36	40S04	74	90S08	74	ATG80204	6
7726950	36	40S05	74	AT120122	4	ATG80222	6
7740100	36	40S05C	71	AT120124	4	ATG80224	6
7741550	36	40S06	74	AT120142	4	ATG80242	6
7741700	36	40S06C	71	AT120144	4	ATG80244	6
7741800	36	40S06TW	77	AT120162	4	ATG80262	6
7742000	36	40S06TWC	73	AT120164	4	ATG80264	6
7757540	57	40S07	74	AT120182	4	AVST0015	80
05S06	74	40S07C	71	AT120184	4	AVST0016	80
100P15006	32	40S08	74	AT120202	4	AVST0025	80
10P9004	32	40S08C	71	AT120204	4	AVST0026	80
10S03	74	40S08TW	77	AT75122	4	AVST0100	80
10S035	74	40S08TWC	73	AT75124	4	AVST0200	80
10S03TW	77	40S10	74	AT75126	4	AVST2000	80
10S04	74	45A64	76	AT75142	4	AVSTR000	80
10S04C	71	50P15006	32	AT75144	4	AVSTR060	80
10S04TW	77	50P7506	32	AT75146	4	AVSTR120	80
10S05	74	50S04C	71	AT75162	4	AVSTR180	80
10S05C	71	50S05C	71	AT75164	4	AVSTS0005	80
10S05TW	77	50S05TWC	73	AT75166	4	AVSTS0006	80
10S06	74	50S06	74	AT75182	4	AVSTS0605	80
10S06C	71	50S06C	71	AT75184	4	AVSTS0606	80
10S06TW	77	50S06TWC	73	AT75186	4	AVSTS1205	80
10S06TWC	73	50S07	74	AT75202	4	AVSTS1206	80
10S07	74	50S07C	71	AT75204	4	AVSTS1806	80
10S07C	71	50S07TWC	73	AT75222	4	BTH001	81
10S07TWC	73	50S08	74	AT75224	4	BTSC035	81
10S08	74	50S08C	71	AT75242	4	BTT06	81
10S08C	71	50S08TWC	73	AT75244	4	BTT07	81
10S08TW	77	60A74	76	AT75262	4	BTT08	81
10S08TWC	73	60S06	74	AT75264	4	CF4006	77
10S10	74	70S04	74	ATG120122	5	CF4006C	72
10S10TWC	73	70S05	74	ATG120124	5	CF4008	77
10S13	74	70S05TWC	73	ATG120126	5	CF4008C	72
10S16	74	70S06	74	ATG120142	5	CF40A64	77
10S19	74	70S06C	71	ATG120144	5	CF40A74C	72
20P9004	32	70S06TW	77	ATG120146	5	CF5006	77

For Ordering or Information: **1.800.321.4254**

CONFIDENTIAL AND PROPRIETARY 109

Please consult package inserts for more detailed safety information and instructions for use.

PRODUCT CODE INDEX

CF5006C.....	72	CQF5052.....	10	CRUP106.....	42	DR12074.....	14
CF5007C.....	72	CQF5054.....	10	CRUS106.....	42	DR12084.....	14
CF5008.....	77	CQF5056.....	10	CRUS6106.....	42	DR135102.....	15
CF8006.....	77	CQF5058.....	10	CRUS6A.....	42	DR135104.....	15
CFT4047C.....	72	CQF50610.....	10	CVL4006C.....	70	DR135310.....	12
CFT4547.....	77	CQF5062.....	10	CVL4007C.....	70	DR13532.....	12
CFT4547C.....	72	CQF5064.....	10	CVL5006C.....	70	DR13534.....	12
CFT4558.....	77	CQF5066.....	10	CVLT4547C.....	70	DR135410.....	12
CFT4558C.....	72	CQF5068.....	10	DF19IT24K.....	45	DR135412.....	12
CFT5047C.....	72	CQF50710.....	11	DF19SH24K.....	45	DR135415.....	12
CL3030.....	7	CQF5072.....	11	DF23IT28K.....	45	DR135417.....	12
CQ120104.....	9	CQF5074.....	11	DF23SH28K.....	45	DR13542.....	12
CQ12054.....	8	CQF5076.....	11	DF27IT32K.....	45	DR135420.....	12
CQ12062.....	8	CQF5078.....	11	DF27SH32K.....	45	DR13544.....	12
CQ12064.....	8	CQF50810.....	11	DF31IT36K.....	45	DR135510.....	13
CQ12072.....	8	CQF5082.....	11	DF31SH36K.....	45	DR135512.....	13
CQ12074.....	8	CQF5083.....	11	DF35IT40K.....	45	DR135515.....	13
CQ12082.....	8	CQF5084.....	11	DF35SH40K.....	45	DR135517.....	13
CQ12084.....	8	CQF5086.....	11	DF5006SC.....	79	DR13552.....	13
CQ12094.....	9	CQF5088.....	11	DF5007SC.....	79	DR135520.....	13
CQ5052.....	8	CQF5092.....	11	DF5008SC.....	79	DR13554.....	12
CQ5054.....	8	CQF5094.....	11	DF50IT55K.....	45	DR13556.....	12
CQ5058.....	8	CQF5098.....	11	DF50SH55K.....	45	DR13558.....	12
CQ5062.....	8	CQF75102.....	11	DF6006SC.....	79	DR135610.....	13
CQ5064.....	8	CQF75104.....	11	DF6007SC.....	79	DR135612.....	13
CQ5068.....	8	CQF75108.....	11	DF6008SC.....	79	DR135615.....	13
CQ5072.....	8	CQF75122.....	11	DF7006SC.....	79	DR135617.....	13
CQ5074.....	8	CQF75124.....	11	DF7007SC.....	79	DR13562.....	13
CQ5076.....	8	CQF75410.....	10	DF7008SC.....	79	DR135620.....	13
CQ5078.....	8	CQF7542.....	10	DF8006SC.....	79	DR13564.....	13
CQ5082.....	8	CQF7544.....	10	DF8007SC.....	79	DR13566.....	13
CQ5083.....	8	CQF7546.....	10	DF8008SC.....	79	DR13568.....	13
CQ5084.....	8	CQF7548.....	10	DFM5006SC.....	79	DR135710.....	14
CQ5086.....	8	CQF75510.....	10	DFM6006SC.....	79	DR135712.....	14
CQ5088.....	8	CQF7552.....	10	DFM7006SC.....	79	DR135715.....	14
CQ5092.....	9	CQF7554.....	10	DFM8006SC.....	79	DR135717.....	14
CQ5094.....	9	CQF7556.....	10	DFX6006SC.....	79	DR13572.....	13
CQ75102.....	9	CQF7558.....	10	DFX7006SC.....	79	DR135720.....	14
CQ75104.....	9	CQF75610.....	10	DFX8006SC.....	79	DR13574.....	14
CQ75122.....	9	CQF7562.....	10	DFX9006SC.....	79	DR135810.....	14
CQ75124.....	9	CQF7564.....	10	DL900F.....	87	DR13582.....	14
CQ7552.....	8	CQF7566.....	10	DL900J.....	87	DR13584.....	14
CQ7554.....	8	CQF7568.....	10	DN5007C.....	79	DR13594.....	15
CQ7558.....	8	CQF75710.....	11	DN5008C.....	79	DR4042.....	12
CQ7562.....	8	CQF7572.....	11	DN6007C.....	79	DR4044.....	12
CQ7564.....	8	CQF7574.....	11	DN6008C.....	79	DR4052.....	12
CQ7568.....	8	CQF7576.....	11	DNF5007SC.....	79	DR4054.....	12
CQ7572.....	8	CQF7578.....	11	DNF5008SC.....	79	DR4062.....	13
CQ7574.....	8	CQF75810.....	11	DNF6007SC.....	79	DR4064.....	13
CQ7576.....	8	CQF7582.....	11	DNF6008SC.....	79	DR4072.....	13
CQ7578.....	8	CQF7583.....	11	DNF7007SC.....	79	DR4074.....	14
CQ7582.....	8	CQF7584.....	11	DNF7008SC.....	79	DR4082.....	14
CQ7583.....	8	CQF7586.....	11	DNF8007SC.....	79	DR4084.....	14
CQ7584.....	8	CQF7588.....	11	DNF8008SC.....	79	DR4094.....	15
CQ7586.....	8	CQF7592.....	11	DR120104.....	15	DR80102.....	15
CQ7588.....	8	CQF7594.....	11	DR120410.....	12	DR80104.....	15
CQ7592.....	9	CQF7598.....	11	DR12044.....	12	DR80108.....	15
CQ7594.....	9	CRU14PA.....	42	DR120510.....	13	DR80310.....	12
CQF50410.....	10	CRU14SA.....	42	DR12052.....	12	DR8032.....	12
CQF5042.....	10	CRU18A.....	42	DR12054.....	12	DR8034.....	12
CQF5044.....	10	CRUO14PA.....	42	DR120610.....	13	DR80410.....	12
CQF5046.....	10	CRUO14SA.....	42	DR12062.....	13	DR8042.....	12
CQF5048.....	10	CRUOP106.....	42	DR12064.....	13	DR8044.....	12
CQF50510.....	10	CRUOS106.....	42	DR120710.....	14	DR80510.....	13

110 For Ordering or Information: **1.800.321.4254**

CONFIDENTIAL AND PROPRIETARY

Please consult package inserts for more detailed safety information and instructions for use.

PRODUCT CODE INDEX

DR8052	12	EX050201CS	97	EX090201CD	99	F6006TWS	78
DR8054	12	EX050203CS	97	EX090203CD	99	F6006TWS	73
DR8056	12	EX050301CS	97	EX090301CD	99	F6008	75
DR8058	12	EX050303CS	97	EX090303CD	99	F6008C	72
DR80610	13	EX050401CS	97	EX090401CD	99	F6010	75
DR80612	13	EX050403CS	97	EX090403CD	99	F7005TWS	73
DR80615	13	EX050601CS	97	EX090601CD	99	F7006	75
DR80617	13	EX050603CS	97	EX090603CD	99	F7006C	72
DR8062	13	EX050801CS	97	EX090801CD	99	F7006S	75
DR80620	13	EX050803CS	97	EX090803CD	99	F7006SC	71
DR8064	13	EX051001CS	97	EX100201CD	99	F7006TW	78
DR8066	13	EX051003CS	97	EX100203CD	99	F7006TWS	78
DR8068	13	EX051201CS	97	EX100301CD	99	F7006TWS	73
DR80710	14	EX051203CS	97	EX100303CD	99	F7007	75
DR80712	14	EX060201CS	67, 97	EX100401CD	99	F7007C	72
DR80715	14	EX060203CS	67, 97	EX100403CD	99	F7007TW	78
DR80717	14	EX060301CS	67, 97	EX100601CD	99	F7007TWS	78
DR8072	13	EX060303CS	67, 97	EX100603CD	99	F7007TWS	73
DR80720	14	EX060401CS	67, 97	EX100801CD	99	F7008	75
DR8074	14	EX060403CS	67, 97	EX100803CD	99	F7008C	72
DR8076	14	EX060601CS	67, 97	F1006	75	F7008S	75
DR8078	14	EX060603CS	67, 97	F1006C	72	F7008SC	71
DR80810	14	EX060801CS	67, 97	F1006TWS	78	F7008TW	78
DR8082	14	EX060803CS	67, 97	F1008	75	F7008TWS	78
DR8084	14	EX061001CS	67, 97	F1010	75	F7008TWS	73
DR8086	14	EX061003CS	67, 97	F2006	75	F7010	75
DR8088	14	EX061201CS	67, 97	F2006S	75	F70174	76
DR8092	15	EX061203CS	67, 97	F2007	75	F70174S	76
DR8094	15	EX061501CS	67, 97	F2513	76	F70174TSC	73
DR8098	15	EX061503CS	67, 97	F2516	76	F70174TWS	78
EV06181CD	100	EX061701CS	67	F2519	76	F70185S	76
EV06182CD	100	EX061703CS	67	F3006	75	F70185TSC	73
EV06261CD	100	EX062001CL	68	F3006TWS	73	F8006	75
EV06262CD	100	EX062003CL	68	F3008TWS	73	F8006C	72
EV06361CD	100	EX070201CS	67, 98	F3513	76	F8006S	75
EV06362CD	100	EX070203CS	67, 98	F3516	76	F8006SC	71
EV07181CD	100	EX070301CS	67, 98	F3519	76	F8006TW	78
EV07182CD	100	EX070303CS	67, 98	F4006	75	F8006TWS	78
EV07261CD	100	EX070401CS	67, 98	F4006C	72	F8006TWS	73
EV07262CD	100	EX070403CS	67, 98	F4006TW	78	F8007	75
EV07361CD	100	EX070601CS	67, 98	F4007	75	F8007C	72
EV07362CD	100	EX070603CS	67, 98	F4008	75	F8007TWS	78
EV07561CD	100	EX070801CS	67, 98	F4008C	72	F8007TWS	73
EV07562CD	100	EX070803CS	67, 98	F4008S	75	F8008	75
EV08181CD	100	EX071001CS	67, 98	F4008TW	78	F8008C	72
EV08182CD	100	EX071003CS	67, 98	F4010	75	F8008S	75
EV08261CD	100	EX071201CS	67, 98	F5006	75	F8008SC	71
EV08262CD	100	EX071203CS	67, 98	F5006C	72	F8008TW	78
EV08361CD	100	EX071501CS	67, 98	F5006SC	71	F8008TWS	78
EV08362CD	100	EX071503CS	67, 98	F5006TW	78	F8008TWS	73
EV08561CD	100	EX071701CS	67	F5006TWS	78	F8010C	72
EV08562CD	100	EX071703CS	67	F5006TWS	73	F80174TSC	73
EV09171CD	100	EX072001CL	68	F5007	75	F9006	75
EV09172CD	100	EX072003CL	68	F5007C	72	F9008	75
EV09261CD	100	EX080201CD	99	F5008	75	FAF06030	64
EV09262CD	100	EX080203CD	99	F5008C	72	FAF06040	64
EV09361CD	100	EX080301CD	99	F5008S	75	FAF06050	64
EV09362CD	100	EX080303CD	99	F5008TW	78	FAF06070	64
EV10171CD	100	EX080401CD	99	F5008TWS	78	FAF07030	64
EV10172CD	100	EX080403CD	99	F5008TWS	73	FAF07040	64
EV10261CD	100	EX080601CD	99	F5010	75	FAF07050	64
EV10262CD	100	EX080603CD	99	F5010C	72	FAF07070	64
EV10361CD	100	EX080801CD	99	F6006	75	FAF08030	64
EV10362CD	100	EX080803CD	99	F6006C	72	FAF08040	64

For Ordering or Information: **1.800.321.4254**

CONFIDENTIAL AND PROPRIETARY 111

Please consult package inserts for more detailed safety information and instructions for use.

PRODUCT CODE INDEX

FAF08050.....	.64	KWS23S	.81	RV135515	.16	SD70A.....	.43
FAF08070.....	.64	KWT004	.81	RV13552	.16	SD70AT.....	.43
FAF09030.....	.64	KWT004KWL.....	.81	RV13554	.16	SD70T.....	.43
FAF09040.....	.64	KWT006	.81	RV13556	.16	SGA149001	.34
FAF09050.....	.64	KWT007	.81	RV13558	.16	SGA150001	.34
FAS06030.....	.64	KWT008	.81	RV135610	.16	SGA155001	.34
FAS06040.....	.64	KWT010	.81	RV135615	.16	SGA162001	.34
FAS06050.....	.64	KWT012	.81	RV13562	.16	SGA240001	.34
FAS06070.....	.64	NBD10	.102	RV13564	.16	SK13514.....	.40
FAS07030.....	.64	NBD12	.102	RV13566	.16	SK13518.....	.40
FAS07040.....	.64	NBD8	.102	RV13568	.16	SK13535M.....	.40
FAS07050.....	.64	NDB1000.....	.102	RV13572	.17	SK15014.....	.40
FAS07070.....	.64	NDB600	.102	RV13574	.17	SK15018.....	.40
FAS08030.....	.64	NNU10J	.102	RV13576	.17	SK15035M.....	.40
FAS08040.....	.64	NNU10LPT.....	.102	RV13578	.17	SK6535M.....	.40
FAS08050.....	.64	NNU10PT.....	.102	RV13582	.17	SK9018.....	.40
FAS08070.....	.64	NNU12J	.102	RV13584	.17	SK9035M.....	.40
FAS09030.....	.64	NNU12LPT.....	.102	RV13586	.17	SRK30.....	.87
FAS09040.....	.64	NNU12PT.....	.102	RV13588	.17	T1547.....	.76
FAS09050.....	.64	NNU6J	.102	RV13592	.17	T4546.....	.76
FBRC	.87	NNU6LP15.....	.102	RV13594	.17	T4546C.....	.72
FTL06040.....	.106	NNU6LPT	.102	RV80102	.17	T4547.....	.76
FTL06060.....	.106	NNU6PT	.102	RV80104	.17	T4547C.....	.72
FTL06080.....	.106	NNU8J	.102	RV80310	.16	T4558.....	.76
FTL07040.....	.106	NNU8LP15.....	.102	RV8032.....	.16	T4558C.....	.72
FTL07060.....	.106	NNU8LPT	.102	RV8034.....	.16	T5020002	.69
FTL07080.....	.106	NNU8PT	.102	RV80410	.16	T5020003	.69
FTL08040.....	.106	NOD10J	.102	RV80415	.16	T5040001	.69
FTL08060.....	.106	NOD10LPT.....	.102	RV8042.....	.16	T5047.....	.76
FTL08080.....	.106	NOD10PT.....	.102	RV8044.....	.16	T5047C.....	.72
FTL09040.....	.106	NOD12J	.102	RV80510	.16	T5050001	.69
FTL09060.....	.106	NOD12LPT.....	.102	RV80515	.16	T5058.....	.76
FTL09080.....	.106	NOD12PT.....	.102	RV8052.....	.16	T6020002	.69
FTL10040.....	.106	NOD8J	.102	RV8054.....	.16	T6020003	.69
FTL10060.....	.106	NOD8LPT.....	.102	RV8056.....	.16	T6040001	.69
FTL10080.....	.106	NOD8PT	.102	RV8058.....	.16	T6047.....	.76
FTM06040.....	.106	PRRK5	.52	RV80610	.16	T6050001	.69
FTM06060.....	.106	PVT0100.....	.82	RV80615	.16	U41501H12.....	.18
FTM06080.....	.106	PVT0200.....	.82	RV8062.....	.16	U41501H12RX	.25
FTM07040.....	.106	PVT0300.....	.82	RV8064.....	.16	U41501H1HRX	.25
FTM07060.....	.106	PVT0400.....	.82	RV8066.....	.16	U41501H2.....	.18
FTM07080.....	.106	PVT0500.....	.82	RV8068.....	.16	U41501H2RX.....	.25
FTM08040.....	.106	PVT0600.....	.82	RV8072.....	.17	U41501H4.....	.18
FTM08060.....	.106	PVT0700.....	.82	RV8074.....	.17	U41501H4RX.....	.25
FTM08080.....	.106	PVT0800.....	.82	RV8076.....	.17	U41501H8RX.....	.25
FTM09040.....	.106	PVT0900.....	.82	RV8078.....	.17	U41501Q1HRX.....	.25
FTM09060.....	.106	PVT1000.....	.82	RV8082.....	.17	U41501Q2RX.....	.25
FTM09080.....	.106	RS19SH24	.52	RV8084.....	.17	U41501Q4RX.....	.25
FTM10040.....	.106	RS23SH28	.52	RV8086.....	.17	U4150210.....	.18
FTM10060.....	.106	RS27SH32	.52	RV8088.....	.17	U4150210RX.....	.25
FTM10080.....	.106	RS31SH36	.52	RV8092.....	.17	U4150212.....	.18
GEN200	.42	RS35SH40	.52	RV8094.....	.17	U4150212RX.....	.25
GWP1403.....	.43	RS50SH55	.52	S11885001	.34	U4150215.....	.18
GWP1403X.....	.43	RT100.....	.52	S11885003	.34	U4150215RX.....	.25
GWP1406.....	.43	RV135102	.17	S11885004	.34	U415021HRX.....	.25
GWP1406X.....	.43	RV135104	.17	S11886001	.34	U415022	.18
GWP1409X.....	.43	RV135310	.16	S11886003	.34	U4150220RX.....	.25
GWP1412X.....	.43	RV13532	.16	S11886006	.34	U4150222	.18
INJ100	.42	RV13534	.16	S11887002	.34	U4150225RX.....	.25
INJKIT	.42	RV135410	.16	SD110.....	.43	U415022RX.....	.25
KWC200	.81	RV135415	.16	SD110A.....	.43	U4150230.....	.18
KWS23C	.81	RV13542	.16	SD110AT.....	.43	U4150230RX.....	.25
KWS23CS.....	.81	RV13544	.16	SD110T.....	.43	U415024	.18
KWS23CSS.....	.81	RV135510	.16	SD70.....	.43	U415024RX.....	.25

112 For Ordering or Information: **1.800.321.4254**

CONFIDENTIAL AND PROPRIETARY

Please consult package inserts for more detailed safety information and instructions for use.

PRODUCT CODE INDEX

U415026RX.....	25	U4150415.....	19	U42003H20RX.....	27	U8130610.....	22
U415028.....	18	U4150415RX.....	26	U42003H2RX.....	27	U8130612.....	22
U415028RX.....	25	U415041HRX.....	26	U42003H30RX.....	27	U8130615.....	22
U41502H10.....	18	U415042.....	19	U42003H4RX.....	27	U813062.....	22
U41502H10RX.....	25	U4150420RX.....	26	U4200410RX.....	27	U8130622.....	22
U41502H12.....	18	U4150422.....	19	U420041HRX.....	27	U8130630.....	22
U41502H12RX.....	25	U4150425RX.....	26	U4200420RX.....	27	U813064.....	22
U41502H15.....	18	U415042RX.....	26	U420042RX.....	27	U813066.....	22
U41502H15RX.....	25	U4150430.....	19	U4200430RX.....	27	U813068.....	22
U41502H1HRX.....	25	U4150430RX.....	26	U420044RX.....	27	U813074.....	22
U41502H2.....	18	U415044.....	19	U8130210.....	21	U813084.....	22
U41502H20RX.....	25	U415044RX.....	26	U8130212.....	21	U813094.....	22
U41502H22.....	18	U415046RX.....	26	U8130215.....	21	U8150210.....	23
U41502H25RX.....	25	U415048.....	19	U813022.....	21	U8150212.....	23
U41502H2RX.....	25	U415048RX.....	26	U8130222.....	21	U8150215.....	23
U41502H30.....	18	U4150510.....	19	U8130230.....	21	U815022.....	23
U41502H30RX.....	25	U4150510RX.....	26	U813024.....	21	U8150222.....	23
U41502H4.....	18	U4150512.....	19	U813026.....	21	U8150230.....	23
U41502H4RX.....	25	U4150512RX.....	26	U813028.....	21	U815024.....	23
U41502H6RX.....	25	U4150515.....	19	U81302H10.....	21	U815026.....	23
U41502H8.....	18	U4150515RX.....	26	U81302H12.....	21	U815028.....	23
U41502H8RX.....	25	U415051HRX.....	26	U81302H15.....	21	U81502H10.....	23
U4150310.....	18	U415052.....	19	U81302H2.....	21	U81502H12.....	23
U4150310RX.....	25	U4150520RX.....	26	U81302H22.....	21	U81502H15.....	23
U4150312.....	18	U4150522.....	19	U81302H30.....	21	U81502H2.....	23
U4150312RX.....	25	U4150525RX.....	26	U81302H4.....	21	U81502H22.....	23
U4150315.....	18	U415052RX.....	26	U81302H6.....	21	U81502H30.....	23
U4150315RX.....	25	U4150530.....	19	U81302H8.....	21	U81502H4.....	23
U415031HRX.....	25	U4150530RX.....	26	U8130310.....	21	U81502H6.....	23
U415032.....	18	U415054.....	19	U8130312.....	21	U81502H8.....	23
U4150320RX.....	25	U415054RX.....	26	U8130315.....	21	U8150310.....	23
U4150322.....	18	U415056RX.....	26	U813032.....	21	U8150312.....	23
U4150325RX.....	25	U415058.....	19	U8130322.....	21	U8150315.....	23
U415032RX.....	25	U415058RX.....	26	U8130330.....	21	U815032.....	23
U4150330.....	18	U415064RX.....	26	U813034.....	21	U8150322.....	23
U4150330RX.....	25	U415066RX.....	26	U813036.....	21	U8150330.....	23
U415034.....	18	U415074RX.....	26	U813038.....	21	U815034.....	23
U415034RX.....	25	U415076RX.....	26	U81303H10.....	21	U815036.....	23
U415036RX.....	25	U42001H1HRX.....	27	U81303H12.....	21	U815038.....	23
U415038.....	18	U42001H2RX.....	27	U81303H15.....	21	U81503H10.....	23
U415038RX.....	25	U42001H4RX.....	27	U81303H2.....	21	U81503H12.....	23
U41503H10.....	18	U42001Q1HRX.....	27	U81303H22.....	21	U81503H15.....	23
U41503H10RX.....	26	U42001Q2RX.....	27	U81303H30.....	21	U81503H2.....	23
U41503H12.....	18	U42001Q4RX.....	27	U81303H4.....	21	U81503H22.....	23
U41503H12RX.....	26	U4200210RX.....	27	U81303H6.....	21	U81503H30.....	23
U41503H15.....	18	U420021HRX.....	27	U81303H8.....	21	U81503H4.....	23
U41503H15RX.....	26	U4200220RX.....	27	U8130410.....	22	U81503H6.....	23
U41503H1HRX.....	26	U420022RX.....	27	U8130412.....	22	U81503H8.....	23
U41503H2.....	18	U4200230RX.....	27	U8130415.....	22	U8150410.....	24
U41503H20RX.....	26	U420024RX.....	27	U813042.....	22	U8150412.....	24
U41503H22.....	18	U42002H10RX.....	27	U8130422.....	22	U8150415.....	24
U41503H25RX.....	26	U42002H1HRX.....	27	U8130430.....	22	U815042.....	24
U41503H2RX.....	26	U42002H20RX.....	27	U813044.....	22	U8150422.....	24
U41503H30.....	18	U42002H2RX.....	27	U813046.....	22	U8150430.....	24
U41503H30RX.....	26	U42002H30RX.....	27	U813048.....	22	U815044.....	24
U41503H4.....	18	U42002H4RX.....	27	U8130510.....	22	U815046.....	24
U41503H4RX.....	26	U4200310RX.....	27	U8130512.....	22	U815048.....	24
U41503H6RX.....	26	U420031HRX.....	27	U8130515.....	22	U8150510.....	24
U41503H8.....	18	U4200320RX.....	27	U813052.....	22	U8150512.....	24
U41503H8RX.....	26	U420032RX.....	27	U8130522.....	22	U8150515.....	24
U4150410.....	19	U4200330RX.....	27	U8130530.....	22	U815052.....	24
U4150410RX.....	26	U420034RX.....	27	U813054.....	22	U8150522.....	24
U4150412.....	19	U42003H10RX.....	27	U813056.....	22	U8150530.....	24
U4150412RX.....	26	U42003H1HRX.....	27	U813058.....	22	U815054.....	24

For Ordering or Information: **1.800.321.4254**

CONFIDENTIAL AND PROPRIETARY 113

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PRODUCT CODE INDEX

U815056	24	V142520	28	V1860150	30	VIUL07120	94
U815058	24	V1425200	28	V1860150S	31	VIUL08020	65, 94
U875210	20	V1425250	28	V186020	30	VIUL08030	65, 94
U875212	20	V1425300	28	V1860200	30	VIUL08040	65, 94
U875215	20	V142540	28	V1860200S	31	VIUL08060	65, 94
U87522	20	V142560	28	V186020S	31	VIUL08080	65, 94
U875222	20	V142580	28	V1860250	30	VIUL08100	65, 94
U87524	20	V1430100	28	V1860300	30	VIUL08120	94
U8752H10	20	V1430120	28	V1860300S	31	VIUL09020	66, 95
U8752H15	20	V1430150	28	V186040	30	VIUL09030	66, 95
U8752H2	20	V143020	28	V186040S	31	VIUL09040	66, 95
U8752H4	20	V1430200	28	V186060	30	VIUL09060	66, 95
U875310	20	V1430250	28	V186060S	31	VIUL09080	66, 95
U875312	20	V1430300	28	V186080	30	VIUL09100	66, 95
U875315	20	V143040	28	V186080S	31	VIUL09120	95
U87532	20	V143060	28	V1870100	30	VIUL10020	66, 95
U875322	20	V143080	28	V1870100S	31	VIUL10030	66, 95
U87534	20	V1435100	29	V1870120	30	VIUL10040	66, 95
U8753H10	20	V1435120	29	V1870150	30	VIUL10060	66, 95
U8753H15	20	V1435150	29	V187020	30	VIUL10080	66, 95
U8753H2	20	V143520	29	V1870200	30	VIUL10100	66, 95
U8753H4	20	V1435200	29	V187020S	31	VIUL10120	95
U875410	20	V1435250	29	V1870250	30	VIUL12020	95
U875412	20	V1435300	29	V1870300	30	VIUL12030	95
U875415	20	V143540	29	V187040	30	VIUL12040	95
U87542	20	V143560	29	V187040S	31	VIUL12060	95
U875422	20	V143580	29	V187060	30	VIUL12080	95
U87544	20	V1840100	29	V187060S	31	VIUL12100	95
U87546	20	V1840100S	31	V187080	30	VIUL12120	95
U875510	20	V1840150	29	V187080S	31	VIUL14020	96
U875512	20	V1840150S	31	V5008C	70	VIUL14030	96
U875515	20	V184020	29	VDA100122	85	VIUL14040	96
U87552	20	V1840200	29	VDA100124	85	VIUL14060	96
U875522	20	V1840200S	31	VDA100126	85	VIUL14080	96
U87554	20	V184020S	31	VDA100142	85	VIUL14100	96
U87556	20	V1840300	29	VDA100144	85	VIUL14120	96
U875610	20	V1840300S	31	VDA100146	85	VIUS06020	94
U875612	20	V184040	29	VDA100162	85	VIUS06030	94
U875615	20	V184040S	31	VDA100164	85	VIUS06040	94
U87562	20	V184060	29	VDA100166	85	VIUS06060	94
U875622	20	V184060S	31	VDA100182	85	VIUS06080	94
U87564	20	V184080	29	VDA100184	85	VIUS06100	94
U87566	20	V184080S	31	VDA100186	85	VIUS06120	94
U87574	21	V1850100	29	VDA100202	85	VIUS07020	65, 94
U87584	21	V1850100S	31	VDA100204	85	VIUS07030	65, 94
U87594	21	V1850120	29	VDA100222	85	VIUS07040	65, 94
USH130AT	43	V1850150	29	VDA100224	85	VIUS07060	65, 94
USH130T	43	V1850150S	31	VDA100242	85	VIUS07080	65, 94
USH83AT	43	V185020	29	VDA100244	85	VIUS07100	65, 94
USH83T	43	V1850200	29	VDA100262	85	VIUS07120	94
V1008C	70	V1850200S	31	VDA100264	85	VIUS08020	65, 94
V1420100	28	V185020S	31	VIUL06020	94	VIUS08030	65, 94
V1420120	28	V1850250	29	VIUL06030	94	VIUS08040	65, 94
V1420150	28	V1850300	29	VIUL06040	94	VIUS08060	65, 94
V142020	28	V1850300S	31	VIUL06060	94	VIUS08080	65, 94
V1420200	28	V185040	29	VIUL06080	94	VIUS08100	65, 94
V1420250	28	V185040S	31	VIUL06100	94	VIUS08120	94
V1420300	28	V185060	29	VIUL06120	94	VIUS09020	66, 95
V142040	28	V185060S	31	VIUL07020	65, 94	VIUS09030	66, 95
V142060	28	V185080	29	VIUL07030	65, 94	VIUS09040	66, 95
V142080	28	V185080S	31	VIUL07040	65, 94	VIUS09060	66, 95
V1425100	28	V1860100	30	VIUL07060	65, 94	VIUS09080	66, 95
V1425120	28	V1860100S	31	VIUL07080	65, 94	VIUS09100	66, 95
V1425150	28	V1860120	30	VIUL07100	65, 94	VIUS09120	95

PRODUCT CODE INDEX

VIUS10020.....	66, 95	ZBL06120.....	91	ZBM09020.....	63, 92
VIUS10030.....	66, 95	ZBL07020.....	62, 92	ZBM09030.....	63, 92
VIUS10040.....	66, 95	ZBL07030.....	62, 92	ZBM09040.....	63, 92
VIUS10060.....	66, 95	ZBL07040.....	62, 92	ZBM09060.....	63, 92
VIUS10080.....	66, 95	ZBL07060.....	62, 92	ZBM09080.....	63, 92
VIUS10100.....	66, 95	ZBL07080.....	62, 92	ZBM09100.....	63, 92
VIUS10120.....	95	ZBL07100.....	62, 92	ZBM09120.....	92
VIUS12020.....	95	ZBL07120.....	92	ZBM10020.....	63, 93
VIUS12030.....	95	ZBL08020.....	62, 92	ZBM10030.....	63, 93
VIUS12040.....	95	ZBL08030.....	62, 92	ZBM10040.....	63, 93
VIUS12060.....	95	ZBL08040.....	62, 92	ZBM10060.....	63, 93
VIUS12080.....	95	ZBL08060.....	62, 92	ZBM10080.....	63, 93
VIUS12100.....	95	ZBL08080.....	62, 92	ZBM10100.....	63, 93
VIUS12120.....	95	ZBL08100.....	62, 92	ZBM10120.....	93
VIUS14020.....	96	ZBL08120.....	92	ZBM12020.....	93
VIUS14030.....	96	ZBL09020.....	63, 92	ZBM12030.....	93
VIUS14040.....	96	ZBL09030.....	63, 92	ZBM12040.....	93
VIUS14060.....	96	ZBL09040.....	63, 92	ZBM12060.....	93
VIUS14080.....	96	ZBL09060.....	63, 92	ZBM12080.....	93
VIUS14100.....	96	ZBL09080.....	63, 92	ZBM12100.....	93
VIUS14120.....	96	ZBL09100.....	63, 92	ZBM12120.....	93
VL1006C.....	70	ZBL09120.....	92	ZBM14020.....	93
VL1007C.....	70	ZBL10020.....	63, 93	ZBM14030.....	93
VL2006C.....	70	ZBL10030.....	63, 93	ZBM14040.....	93
VL2007C.....	70	ZBL10040.....	63, 93	ZBM14060.....	93
VL3006C.....	70	ZBL10060.....	63, 93	ZBM14080.....	93
VL3007C.....	70	ZBL10080.....	63, 93	ZBM14100.....	93
VL4006C.....	70	ZBL10100.....	63, 93	ZBM14120.....	93
VL4007C.....	70	ZBL10120.....	93		
VL5006C.....	70	ZBL12020.....	93		
VL5007C.....	70	ZBL12030.....	93		
VLT2046C.....	70	ZBL12040.....	93		
VLT2047C.....	70	ZBL12060.....	93		
VLT2546C.....	70	ZBL12080.....	93		
VLT2547C.....	70	ZBL12100.....	93		
VLT3046C.....	70	ZBL12120.....	93		
VLT3047C.....	70	ZBL14020.....	93		
VLT3547C.....	70	ZBL14030.....	93		
VLT4046C.....	70	ZBL14040.....	93		
VLT4047C.....	70	ZBL14060.....	93		
VLT4546C.....	70	ZBL14080.....	93		
VLT4547C.....	70	ZBL14100.....	93		
VT3558C.....	70	ZBL14120.....	93		
VT4058C.....	70	ZBM06020.....	91		
ZBL04020.....	91	ZBM06030.....	91		
ZBL04030.....	91	ZBM06040.....	91		
ZBL04040.....	91	ZBM06060.....	91		
ZBL04060.....	91	ZBM06080.....	91		
ZBL04080.....	91	ZBM06100.....	91		
ZBL04100.....	91	ZBM06120.....	91		
ZBL04120.....	91	ZBM07020.....	62, 92		
ZBL05020.....	91	ZBM07030.....	62, 92		
ZBL05030.....	91	ZBM07040.....	62, 92		
ZBL05040.....	91	ZBM07060.....	62, 92		
ZBL05060.....	91	ZBM07080.....	62, 92		
ZBL05080.....	91	ZBM07100.....	62, 92		
ZBL05100.....	91	ZBM07120.....	92		
ZBL05120.....	91	ZBM08020.....	62, 92		
ZBL06020.....	91	ZBM08030.....	62, 92		
ZBL06030.....	91	ZBM08040.....	62, 92		
ZBL06040.....	91	ZBM08060.....	62, 92		
ZBL06060.....	91	ZBM08080.....	62, 92		
ZBL06080.....	91	ZBM08100.....	62, 92		
ZBL06100.....	91	ZBM08120.....	92		

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CONFIDENTIAL AND PROPRIETARY 115

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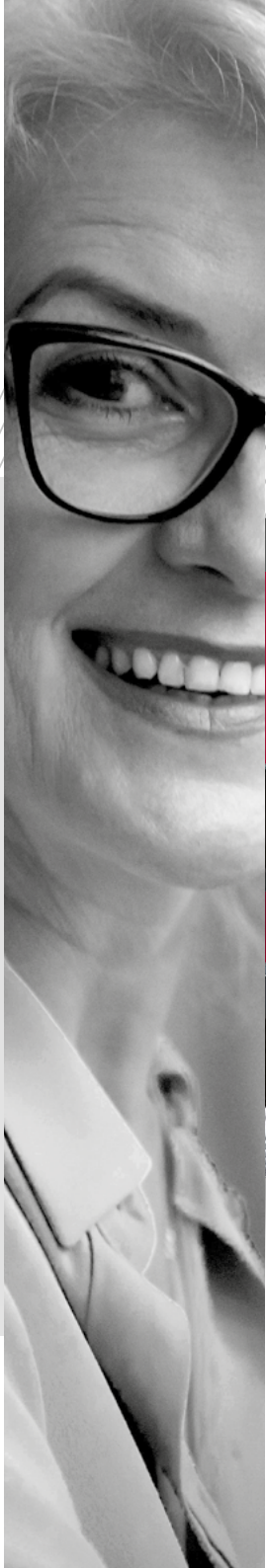
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MECHANICAL
HEART VALVES



Distinguished details
make the dynamic
difference

 **CORCYM**
WE TAKE LIFE TO HEART

BICARBON™ FAMILY

Many options for many benefits^{1,2}

CORCYM Bicarbon™ mechanical heart valves have been specifically designed to offer an advanced solution to patients undergoing cardiac valve replacement.

Featuring many distinguished details, Bicarbon valves provide favorable hemodynamic performance^{3,4} combined with proven safety and durability.* The benefits of its innovative and distinguished design are reflected in the desirable clinical outcomes^{2,5**} reported in scientific literature across over 25 years of clinical use.

Bicarbon mechanical valves feature the exclusive CORCYM Carbofilm™ coating technology which favors both hemo and biocompatibility.⁶

Innovative design,² innovative choice of materials and a proven track record of positive clinical results make this valve an advanced solution backed by compelling long term data.^{2,5*}



*The Bicarbon range boasts trusted clinical results^{2,5**} in over 25 years of clinical use. The distinguished design features offer a favorable hemodynamic performance,^{3,4} optimal thromboresistance,^{7,8} ease of implant and proven safety and durability*.*

* Based on CORCYM post-market surveillance, valve structural failure is expected to occur less than 1 time per 1000000 device population.

** Based on CORCYM post-market surveillance, valve structural failure is expected to occur less than 1 time per 1000000 device population, while valve-related thromboembolic events are expected to occur between 0.1 and 1 times per 100000 device population.

1. Celiento et al., Single center experience with the Sorin Bicarbon prosthesis: A 17-year clinical follow-up, J Thorac Cardiovasc Surg, 148:2039-44, 2014.

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4. Badano et al., Normal echocardiographic characteristics of the Sorin Bicarbon bileaflet prosthetic heart valve in the mitral and aortic positions, J Am Soc Echocardiogr 10: 632- 43, 1997.

5. Misawa et al., Fifteen-year experience with the Bicarbon heart valve prosthesis in a single center, J Cardiothorac Surg, 10: 89, 2015.

6. Vallana et al., Carbofilm: Present and Future Applications in Biomedical Devices, Ceramics International 19 (1993) 169-179.

7. Torella et al., LOWERing the INtensity of oral anticoagulant Therapy in patients with bileaflet mechanical aortic valve replacement: Results from the "LOWERING-IT" Trial, Am Heart J; 160:171-8, 2010.

8. Falk et al., 2017 ESC/EACTS Guidelines for the management of valvular heart disease. The Task Force for the Management of Valvular Heart Disease of the European Society of Cardiology (ESC) and the European Association for Cardio-Thoracic Surgery (EACTS), European Journal of Cardio-Thoracic Surgery 52 (2017) 616-664.

Details make the difference



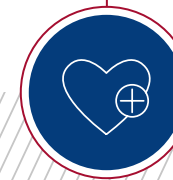
Hemodynamics



Thromboresistance



Safety and Durability

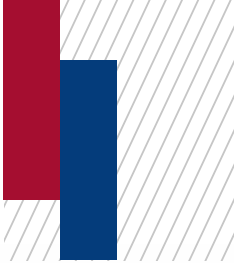


Clinical outcomes





Details make the difference: Hemodynamics^{1,2}

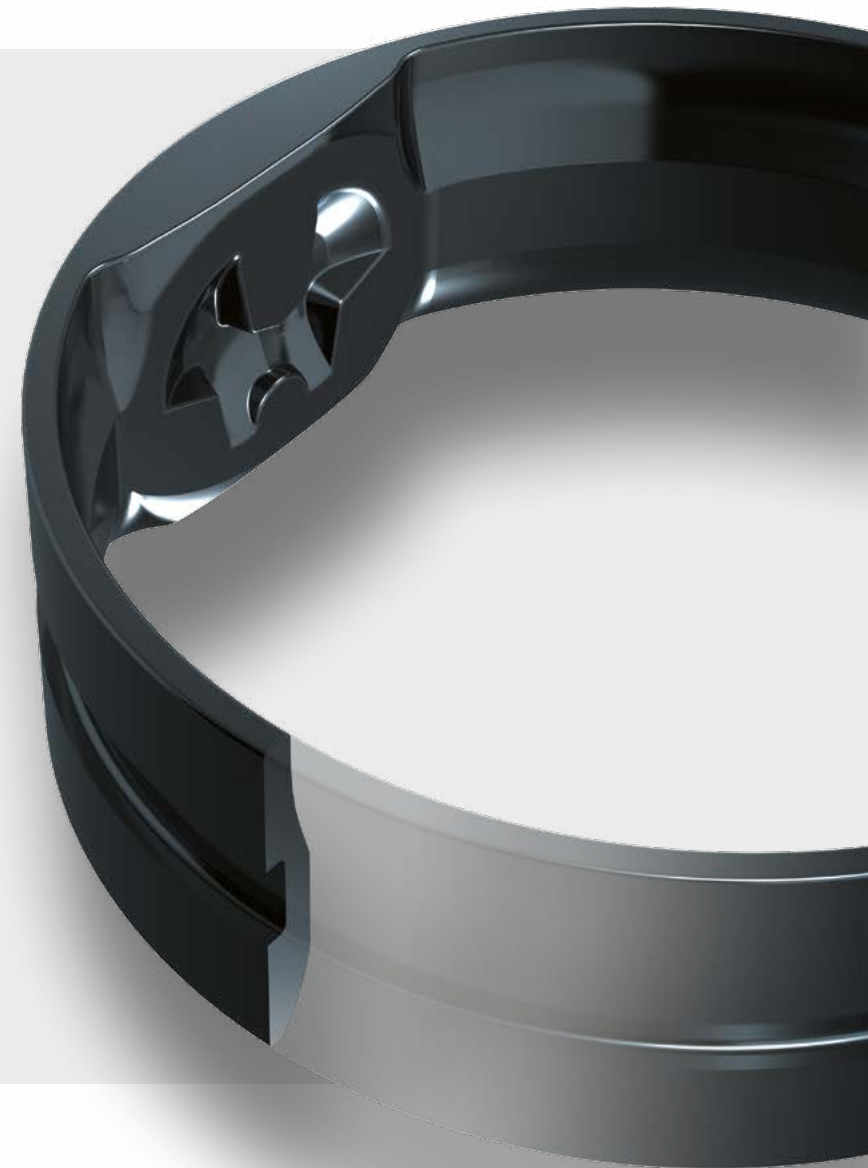
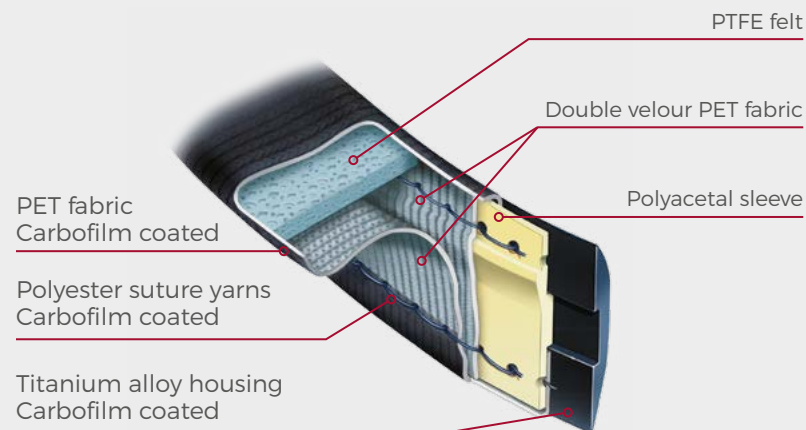


Bicarbon's distinguished details make the difference when it comes to hemodynamic performance^{1,2}

Careful choice of materials.

CORCYM Bicarbon is a unique valve featuring a Titanium housing coated with Carbofilm. Titanium is a highly biocompatible material with greater structural stability than the commonly used Pyrolite Carbon. This allows for a slimmer housing, increasing the area available for blood flow.³

The CORCYM proprietary Carbofilm coating is applied to both the valve's Titanium housing and the sewing cuff. The coating favors hemocompatibility, minimizing the risk for pannus formation* and favoring a gentle tissue ingrowth.^{3,4}

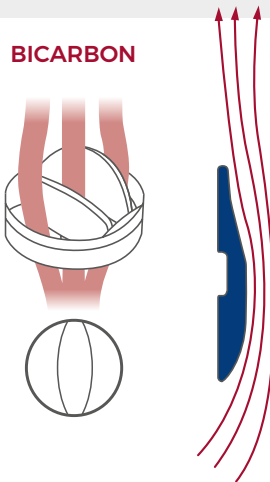


* Based on CORCYM post-market surveillance, valve-related pannus formation is expected to occur between 0.1 and 1 times per 100000 device population.

Technical claims are supported by CORCYM data on file.

Innovative Design

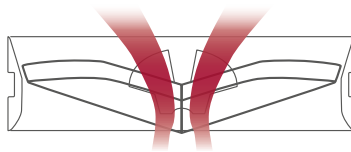
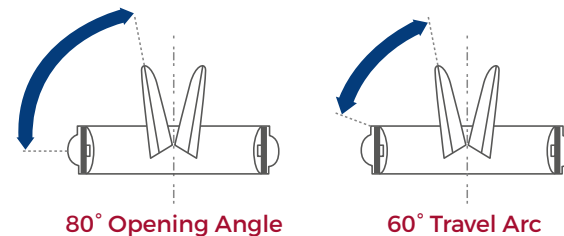
Not only a careful choice of materials but also an innovative design are key to Bicarbon's hemodynamic performance.^{1,2}



Bicarbon is a unique mechanical heart valve featuring curved leaflets specifically engineered to achieve an even flow distribution downstream.³ This leads to several benefits to the patient:^{1,3}

- low turbulence which prevents blood stasis and thus the risk for thrombus formation
- low pressure gradients for favorable hemodynamic performance
- reduced energy loss for an efficient functioning and beneficial cardiac workload.

The 80-degree opening angle, in combination with curved leaflets has been specifically established to minimize turbulence, while the short travel arc contributes to low regurgitation levels and low energy loss.^{1,3}



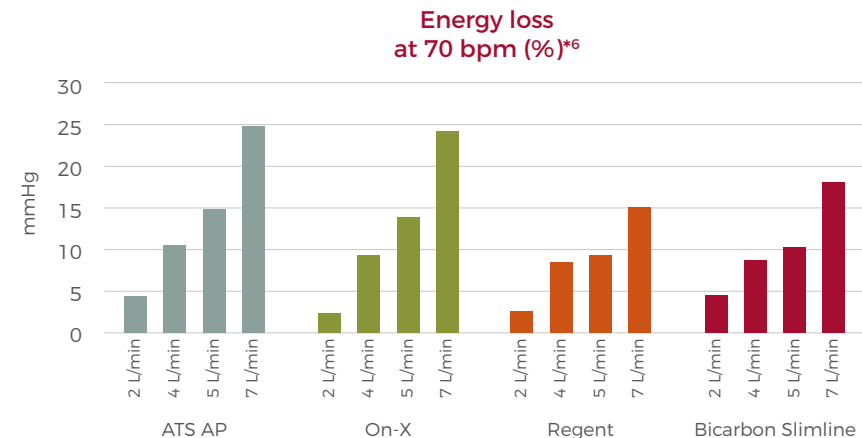
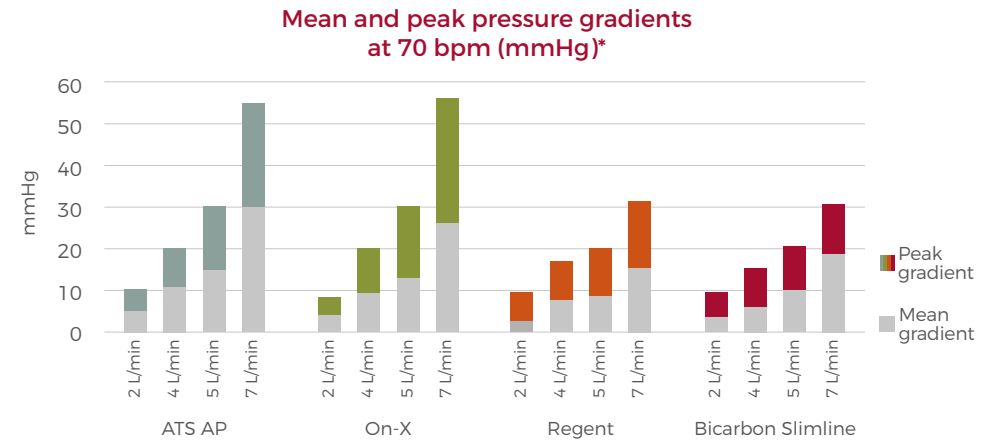
The unique two-open-chimney design ensures an effective passive washing of the hinges even when the valve is closed, avoiding blood stasis and hemolysis at the same time.^{3,5}

The favorable hemodynamic performance of Bicarbon valves is well proven in the published scientific literature.^{1,2}

In vitro comparisons¹ with other commercially available valves have shown that Bicarbon are among the best performing valves with respect to all the relevant parameters:

- pressure gradients
- leakage volume
- energy loss
- velocity profiles
- shear stress distribution

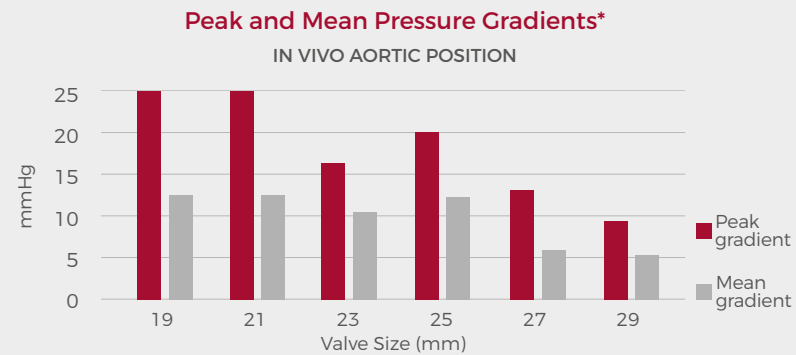
This is confirmed in small aortic annuli, even when compared with valves specifically designed to improve hemodynamic performance.^{6,7,8}



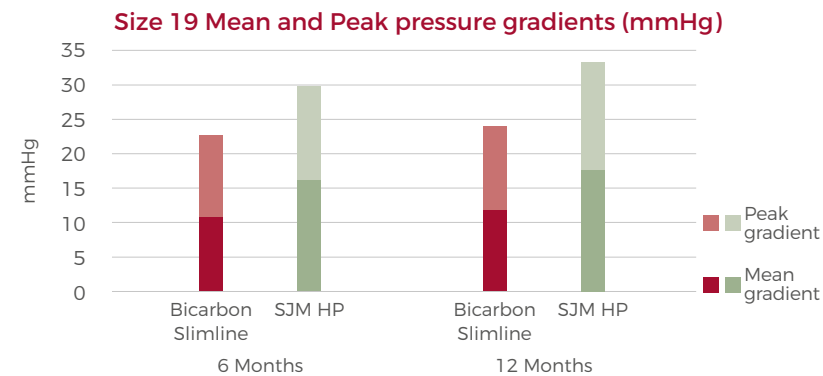
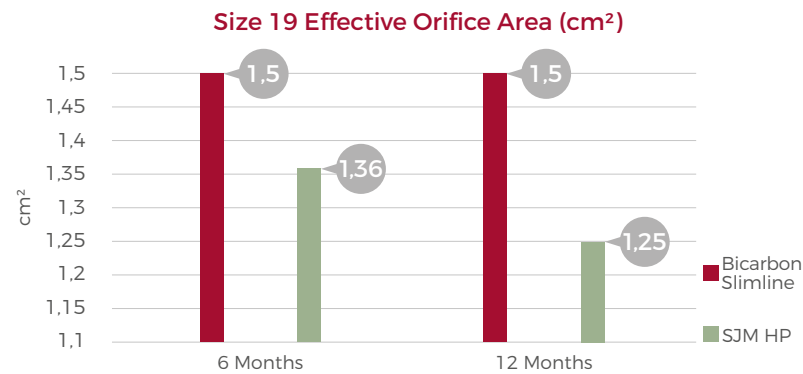
* Test performed with Sheffield pulse duplicator. Valves fitting a 21 mm diameter valve holder.

Technical claims are supported by CORCYM data on file.

The hydrodynamic efficiency of Bicarbon valves is reflected by the favorable hemodynamic results reported in the published in-vivo evaluations.⁹



Comparative evaluation of small-size CORCYM Bicarbon Slimline and St. Jude HP heart valve prosthesis.⁸



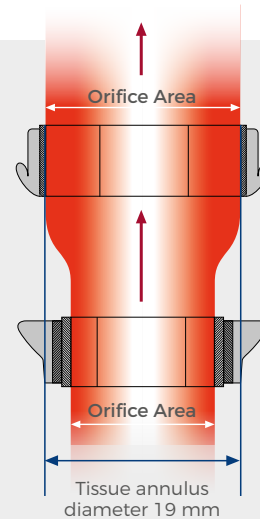
* Bicarbon standard model

Technical claims are supported by CORCYM data on file.

Overline: engineered for hemodynamic performance

To further optimize hemodynamic performances, especially in small aortic annuli, CORCYM features in its Bicarbon portfolio the Overline aortic prosthesis, a truly totally supra-annular model.

A totally supra annular positioning can provide an advantage of 1 to 2 sizes over intra-annular valves.¹⁰



100% ORIFICE TO ANNULUS MATCH

Overline improves effective valve orifice area thanks to a 100% orifice to annulus match, thus contributing to reduce the risk of PPM.^{2,11}

“An 18 mm or 20 mm valve was implanted in more than 80% of the present patients.[...] However, no cases of PPM were observed, despite the use of 18 and 20 mm valves.”²

Hemodynamic function on echocardiography before and at 12 months after surgery, by labeled valve size.²

Parameters	Time	Total pts (n=102)	Valve size (mm)		
			18 (n=27)	20 (n=51)	22 (n=24)
PPG (mmHg)	Preoperative	67 ± 29	78 ± 24	64 ± 21	62 ± 32
	12 months	24 ± 8	26 ± 8	23 ± 8	24 ± 9
MPG (mmHg)	Preoperative	42 ± 19	50 ± 17	37 ± 19	44 ± 19
	12 months	13 ± 5	15 ± 6	12 ± 4	12 ± 5

MPG: Mean pressure gradient; PPG: Peak pressure gradient

“The in vivo data showed excellent hemodynamic results for all valve sizes [..]. In addition, the EOA was significantly increased, from 0.80 ± 0.41 cm² before surgery to 2.01 ± 0.26 cm² after 12 months”²

1. Reul et al., In vitro comparison of bileaflet aortic heart valve prostheses, J. Thorac and Cardio Surg 106 (3): 412-20, 1992.

2. Reyes et al., Results of aortic valve replacement with the supra-annular Sorin Bicarbon Overline prosthesis, J Heart Valve Dis, 21 (3): 358-63, 2012.

3. Vallana et al., Pivot design in bileaflet valves, Asaio Journal, 38:M600-M606, 1992.

4. DellaBarbera et al., Sovering annuloplasty rings: Experimental pathology in the sheep model, Cardiovascular Pathology 14(2005)96-103.

5. Steegers et al., J. Leakage flow at mechanical heart valve prostheses: improved washout or increased blood damage, Heart Valve Dis 8 : 312-323, 1999.

6. Bottio et al., Small aortic annulus: The hydrodynamic performances of 5 commercially available bileaflet mechanical valves, J Thorac Cardiovasc Surg 2004;128:457-62.

7. Fisher et al., Comparative study of the hydrodynamic function of six size 19 mm bileaflet heart valves, Eur J Cardio-thorac Surg 9: 692-96, 1995.

8. Otero et al., Comparative evaluation of small-size Sorin Slimline and St. Jude HP Heart Valve Prostheses., Ann Thorac Surg 79: 1284-90, 2005.

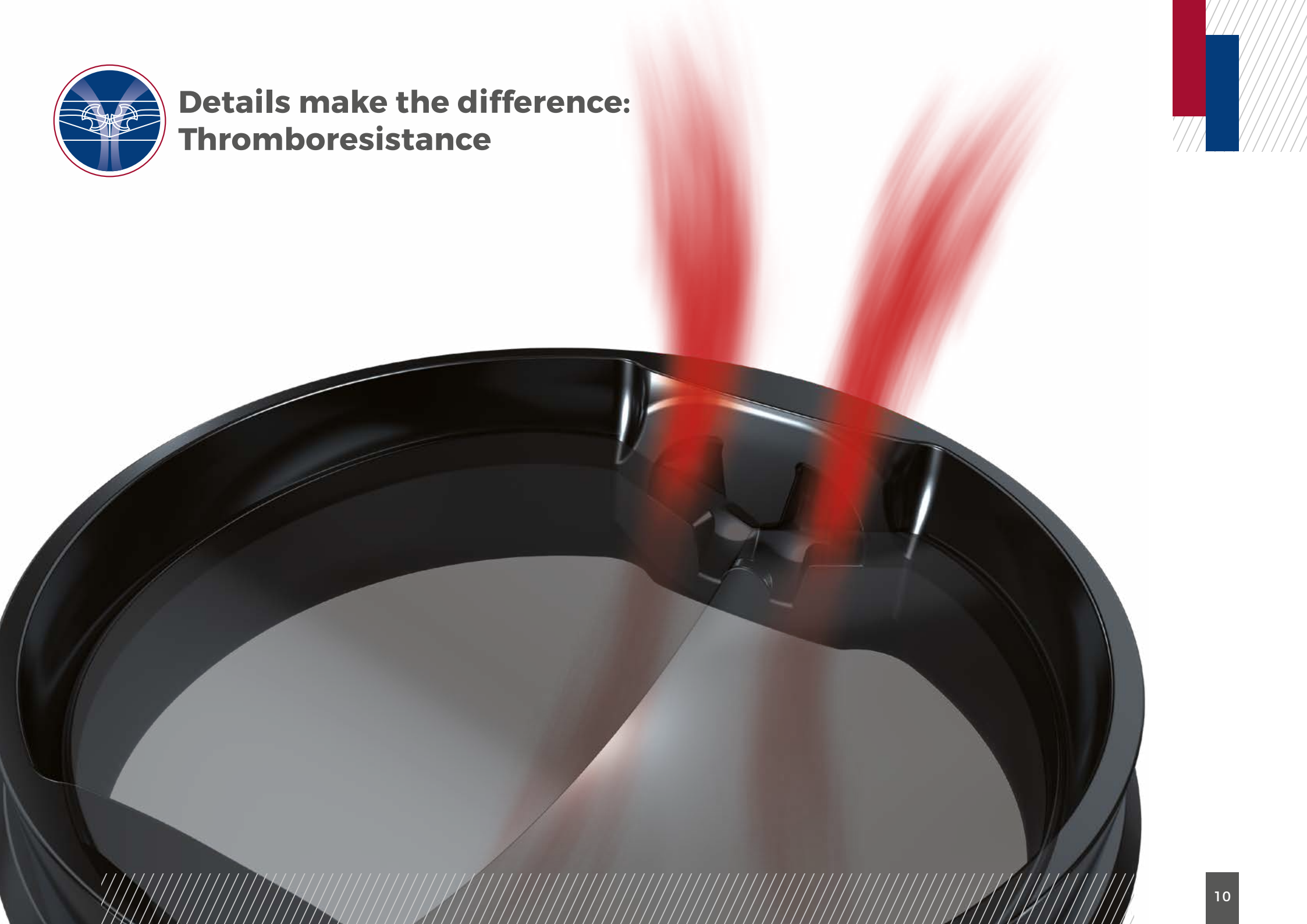
9. Badano et al., Normal echocardiographic characteristics of the Sorin Bicarbon bileaflet prosthetic heart valve in the mitral and aortic positions, J Am Soc Echocardiogr 10: 632- 43, 1997.

10. Aagard et al., Maximizing prosthetic valve size with the Top Hat supraannular aortic valve, The Journal of Heart Valve Disease, 16:84-90, 2007.

11. Aagard et al., Midterm Evaluation of Hemodynamics of the Top Hat Supraannular Aortic Valve. Asian Cardiovasc Thorac Ann 2010;18:1-5.



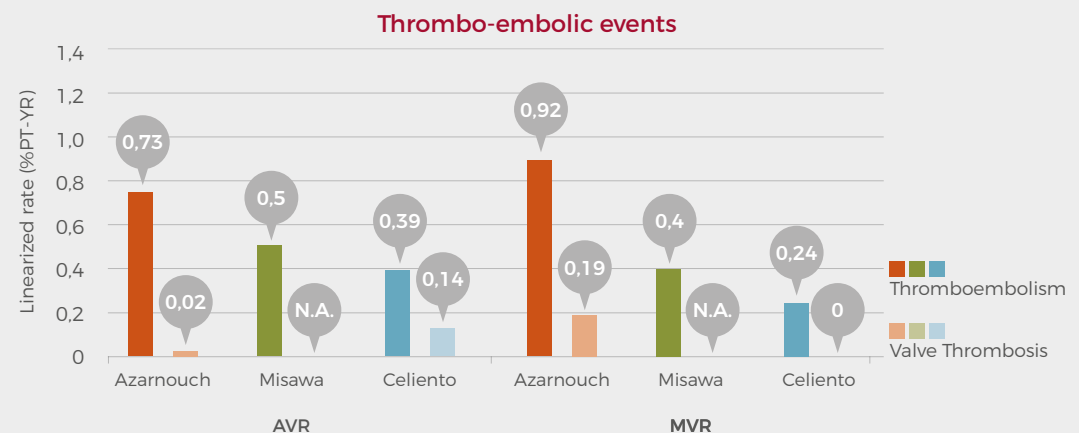
Details make the difference: Thromboresistance



Bicarbon valves are specifically designed to minimize thrombogenicity:^{1,2}

- Carbofilm coating increases hemocompatibility lowering the risk of thrombus formation.^{3,4*}
- Curved leaflets, aerofoil housing profile, optimized leaflets travel arc and opening angle favor a laminar blood flow which reduces shear stress and hemolysis.³ A low degree of hemolysis leads to less platelet activation and consequently less risk of clots.⁵
- The unique two-open-chimney design ensures an effective passive washing of the hinges avoiding blood stasis and hemolysis at the same time.^{3,6}

Bicarbon valves have shown a very low incidence of thrombosis and thromboembolic events in up to 17 years of published follow up.^{7,8,9}

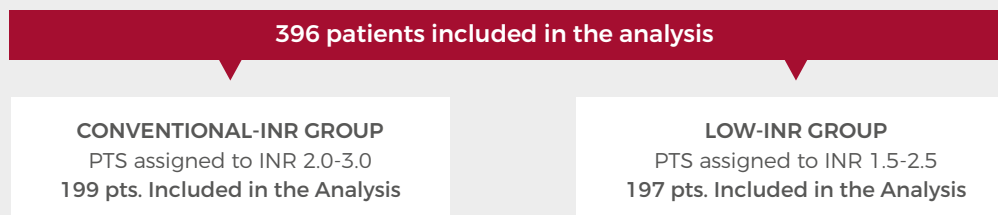


* Based on CORCYM post-market surveillance, valve-related pannus formation is expected to occur between 0.1 and 1 times per 100000 device population.

LOWERING the INTensity of oral anticoagulant Therapy in patients with bileaflet mechanical aortic valve replacement: Results from the “LOWERING-IT” Trial.²

As a further proof of its excellent thrombo-resistance, Bicarbon is backed by the ‘LOWERING-IT’ trial, an independent prospective controlled randomized study which has established for the first time that a lower INR target (1.5-2.5) is safe and feasible in low risk patients after aortic valve replacement.²

Flow diagram of the LOWERING-IT trial²



3 out of 4 patients in the Low-INR group of the LOWERING-IT Trial had a Bicarbon valve implanted²

Outcome events²

	LOW-INR (n=197)	CONVENTIONAL-INR (n= 199)	P	OR (95% exact CI)
Thromboembolic events	1	3	.62 ^{ns}	0.33 (0.006-4.20)
Hemorrhagic events	6	16	.04	0.36 (0.11-0.99)

“LOWERING-IT trial established that the proposed LOW-INR target is safe and feasible in low-risk patients after bileaflet aortic mechanical valve replacement. It results in similar thrombotic events and in a significant reduction of bleeding occurrence when compared to the conventional anticoagulation regimen.”²

1. Falk et al., European Journal of Cardio-Thoracic Surgery 52 (2017) 616–664.

2. Torella et al., LOWERing the INTensity of oral anticoagulant Therapy in patients with bileaflet mechanical aortic valve replacement: Results from the “LOWERING-IT” Trial, Am Heart J; 160:171-8, 2010.

3. Vallana et al., Pivot design in bileaflet valves, Asaio Journal, 38:M600-M606, 1992.

4. Della Barbera et al., Sovering annuloplasty rings: Experimental pathology in the sheep model, Cardiovascular Pathology 14 (2005) 96-103.

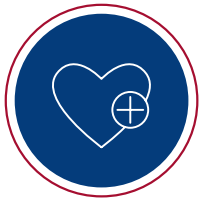
5. Koppensteiner et al., Blood rheology after cardiac valve replacement with mechanical prostheses or bioprostheses, Am J Cardiol; 67:79-83, 1991.

6. Steegers et al., J. Leakage flow at mechanical heart valve prostheses: improved washout or increased blood damage, Heart Valve Dis 8 : 312-323, 1999.

7. Azarnoush et al., The Sorin Bicarbon over 15 years clinical outcomes: multicentre experience in 1704 patients, Eur J Cardio-thoracic Surg; 38:759–66, 2010.

8. Misawa et al., Fifteen-year experience with the Bicarbon heart valve prosthesis in a single center, J Cardiothorac Surg, 10: 89, 2015.

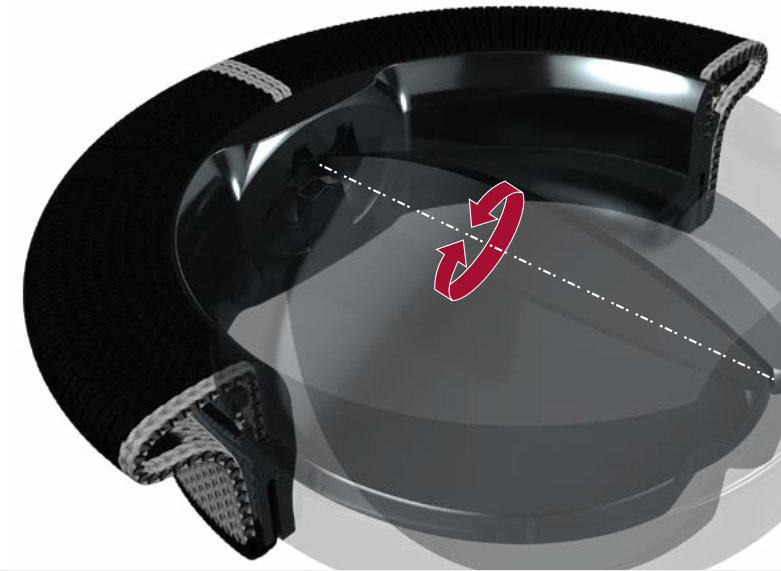
9. Celiento et al., Single center experience with the Sorin Bicarbon prosthesis: A 17-year clinical follow-up, J Thorac Cardiovasc Surg, 148:2039-44, 2014.



Details make the difference: Safety and Durability

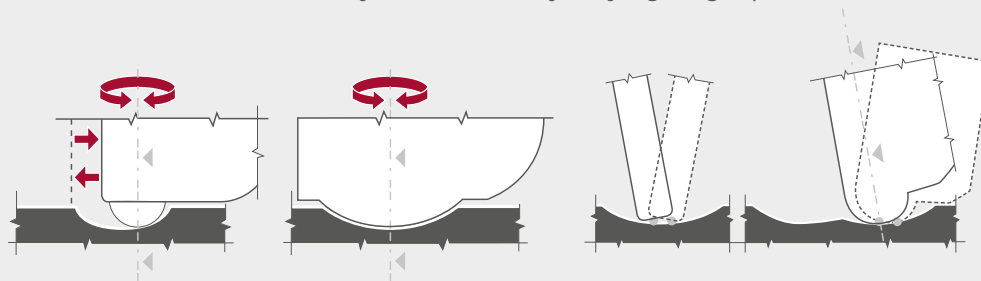
The Bicarbon design was carefully engineered to last over time.*

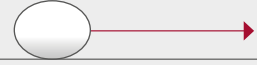
- The Titanium housing, with greater structural stability than solid Pyrolytic Carbon housings, ensures correct leaflet functionality.¹
- The unique two-open-chimney design of the hinges avoid blood stasis and hemolysis minimizing the risk of structural valve failure and clinical complications.^{1,2}
- The Carbofilm coated PET fabric sewing ring provides a safe anchorage favoring a gentle tissue ingrowth that minimizes pannus formation.**
- The unique, proprietary 'rolling without sliding' hinge mechanism, characterized by a constantly varying single point of contact between the pivot and the housing, minimizes friction and wear and consequently the risk of structural valve deterioration.^{1,2}



The innovative Bicarbon solution

Friction and wear are minimized by the constantly varying single point of contact between the pivot and the housing.^{1,2}



Rolling without sliding

One single point of contact
The point continuously varying

Motion with sliding

The whole surfaces in contact

* According to ISO 5840:2015 requirements, CORCYM post-market surveillance and published experience on long term results (Celiento et al., J Thorac Cardiovasc Surg. 148:2039-44, 2014).

** Based on CORCYM post-market surveillance, valve-related pannus formation is expected to occur between 0.1 and 1 times per 100000 device population.

1. Vollana et al., Pivot design in bileaflet valves, Asaio Journal, 38:M600-M606, 1992.

2. Steegers et al., J. Leakage flow at mechanical heart valve prostheses: improved washout or increased blood damage, Heart Valve Dis 8 : 312-323, 1999.

Technical claims are supported by CORCYM data on file.

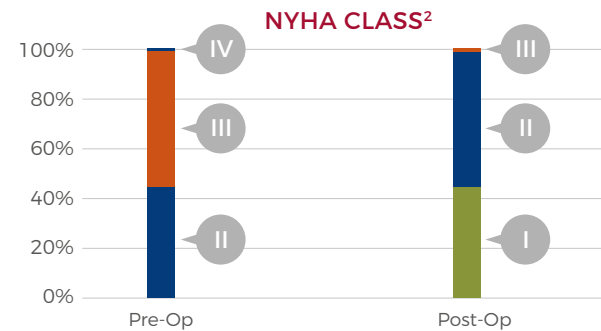
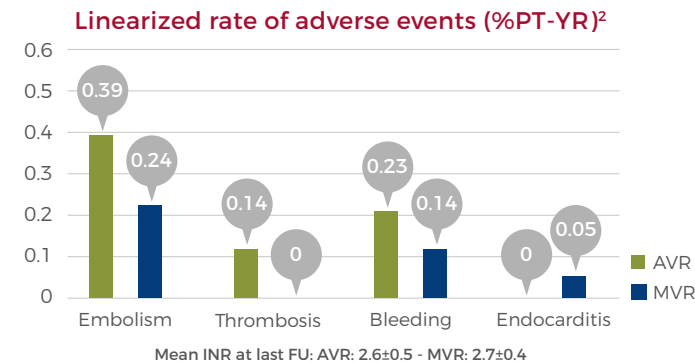


Details make the difference: Clinical outcomes

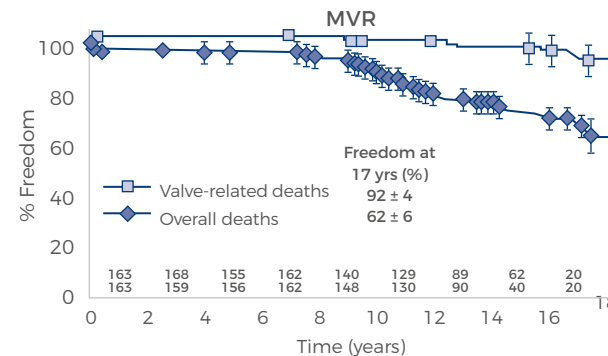
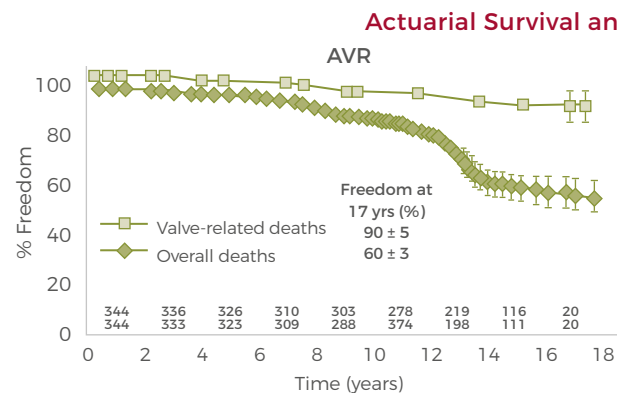
Bicarbon has proven to be a safe, high performing valve with desirable clinical outcomes in the long term follow up.^{1,2}

Single center experience with the CORCYM Bicarbon prosthesis: A 17-year clinical follow-up

AVR: 344 Patients - MVR: 163 Patients - Cumulative follow-up: 6475 Patient-years



*"The Bicarbon Prosthesis has shown excellent results in terms of clinical improvement and freedom from valve-related complications, even up to 17 years after AVR and MVR."*²



Numbers on the horizontal axis indicate patients at risk at each time interval

1. Azarnoush et al., The Sorin Bicarbon over 15 years clinical outcomes: multicentre experience in 1704 patients, Eur J Cardio-thoracic Surg, 38:759–66, 2010.

2. Celiento et al., Single center experience with the Sorin Bicarbon prosthesis: A 17-year clinical follow-up, J Thorac Cardiovasc Surg, 148:2039-44, 2014.

BICARBON FAMILY

The voice of experience

"The Bicarbon Prosthesis continues to perform satisfactorily even in the long term with low incidence of valve-related mortality and morbidity confirming to be an extremely reliable and durable mechanical valve substitute."^{1*}

"In the present series, a low incidence of embolic events was observed [...] indicating that the innovative changes incorporated into the Bicarbon Prosthesis design, improving transprosthetic flow and reducing turbulence, might positively influence its thrombogenicity."

"We have also found that other major postoperative complications, [...] are extremely uncommon after AVR and MVR with the Bicarbon Prosthesis."

"[...] no cases of structural failure were recorded."^{2*}

"The present study gives additional evidence of low rates of valve-related complications after Bicarbon valve Implantation. [...] we maintain the INR between 1.8 and 3.0. The rate of thromboembolic events in this study is excellent and the rates of bleeding complications are also acceptable."

"This single-center study of a 15-year follow-up of the Bicarbon prosthetic heart valve shows excellent clinical results associated with a low incidence of valve-related mortality and morbidity."^{3*}

* CORCYM post-market surveillance classifies the incidence of valve structural failure P as very improbable ($P \leq 10^{-6}$) and the incidence of valve related thromboembolic events P1 as improbable ($10^{-6} < P1 \leq 10^{-5}$).

1. Azarnoush et al., The Sorin Bicarbon over 15 years clinical outcomes: multicentre experience in 1704 patients, Eur J Cardio-thoracic Surg; 38:759-66, 2010.

2. Celiento et al., Single center experience with the Sorin Bicarbon prosthesis: A 17-year clinical follow-up, J Thorac Cardiovasc Surg, 148:2039-44, 2014.

3. Misawa et al., Fifteen-year experience with the Bicarbon heart valve prosthesis in a single center, J Cardiothorac Surg, 10: 89, 2015.

Technical claims are supported by CORCYM data on file.

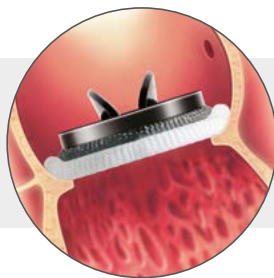
BICARBON OVERLINE

Implantation Consideration

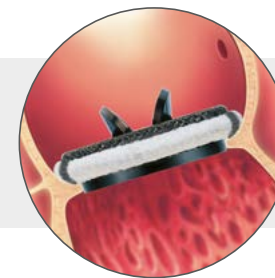
- Totally supra-annular placement
 - provides an advantage of 1 to 2 sizes over intra-annular valves¹
 - facilitates double valve replacement procedure²
- Orientation of the implanted valve facilitated by a Polyacetal sleeve mounted inside the sewing cuff, which maintains torque at a constant level
- Three orientation markers for suture spacing
- Soft, pliable cuff for easy handling and better conformity to the patient's annulus
- Special sizers allow surgeon to assess position of valve within sinus area and clearance of coronaries before implantation

Clinical Consideration

- Advanced design optimized for favorable hemodynamic performance^{2,5}
- Special sizers allow surgeon to assess position of valve within sinus area and clearance of coronaries before implantation
- Size upgrades provide improved valve hemodynamics^{1*}
- Totally supra-annular design allows a 100% orifice to annulus match, maximizing the orifice available to blood flow
- Alternative to aortic root enlargement²
- Advanced design allows to achieve a laminar blood flow that minimizes the risk of thrombus formation⁴
- Very low valve-related adverse events^{2,5,6**}
- Proven safety and durability^{2,5***}



Valve Placement *in-situ*



*Compared to non totally supra-annular models.

**Based on CORCYM post-market surveillance, valve structural failure is expected to occur less than 1 time per 1000000 device population, while valve-related thromboembolic events are expected to occur between 0.1 and 1 times per 100000 device population.

***Based on CORCYM post-market surveillance, valve structural failure is expected to occur less than 1 time per 1000000 device population.

Technical claims are supported by CORCYM data on file.

1. Aagard et al, Maximizing prosthetic valve size with the Top Hat supraannular aortic valve, *The Journal of Heart Valve Disease*, 16:84-90, 2007.
2. Reyes et al, Results of aortic valve replacement with the supra-annular Sorin Bicarbon Overline prosthesis, *J Heart Valve Dis*, 21 (3): 358-63, 2012.
3. Otero et al, Comparative evaluation of small-size Sorin Slimline and St. Jude HP Heart Valve Prostheses, *Ann Thorac Surg* 79: 1284-90, 2005.
4. Vallana et al, Pivot design in bileaflet valves, *Asaio Journal*, 38:M600-M606, 1992.
5. Badano et al, Normal echocardiographic characteristics of the Sorin Bicarbon bileaflet prosthetic heart valve in the mitral and aortic positions, *J Am Soc Echocardiogr* 10: 632- 43, 1997.
6. Celiento et al, Single center experience with the Sorin Bicarbon prosthesis: A 17-year clinical follow-up, *J Thorac Cardiovasc Surg*, 148:2039-44, 2014.

BICARBON™ FAMILY

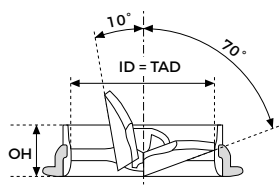
MECHANICAL
HEART VALVES



BICARBON OVERLINE

TOTALLY SUPRA-ANNULAR AORTIC VALVE Sizes 16-24 mm

Product specifications



Nominal size	TAD	ID	OH	GOA	EOA ¹	Catalog N.
16	15.2	15.2	6.0	1.76	0.97	ICV0870
18	17.2	17.2	6.4	2.27	1.54	ICV0871
20	19.2	19.2	6.8	2.83	2.07	ICV0872
22	21.3	21.3	7.2	3.45	2.39	ICV0873
24	23.3	23.3	7.6	4.14	3.06	ICV0874

Accessories

Article	Code	Description
 UNI cylindrical sizers set	ICV0867	5 sizers
 Aortic rotators set	ICV0868	5 aortic rotators
 UNI handle	ICV0664	1 universal bandable handle to be used with all sizers
 Valve holder handle	P0593	1 Nitinol bandable handle
 Occluder tester	VT-100	10 disposable occluder tester (provided sterile)
Empty tray	TR-101	1 empty tray

Legend

TAD = Tissue Annulus Diameter (mm)

EOA = In vivo Effective Orifice Area (cm²)

GOA = Geometric Orifice Area (cm²)

ID = Internal Diameter (mm)

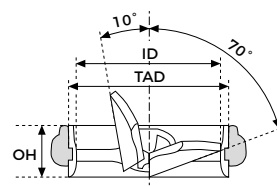
OH = Orifice Height (mm)



BICARBON SLIMLINE

PARTIALLY SUPRA-ANNULAR AORTIC VALVE Sizes 17-27 mm

Product specifications



Nominal size	TAD	ID	OH	GOA	EOA ¹	Catalog N.
17	17.2	15.2	6.0	1.76	1.01 ²	ICV0934
19	19.2	17.2	6.4	2.27	1.50 ²	ICV0935
21	21.3	19.2	6.8	2.83	1.90 ²	ICV0936
23	23.4	21.3	7.2	3.45	2.39 ¹	ICV0937
25	25.6	23.3	7.6	4.14	3.06 ¹	ICV0938
27	28.0	25.6	8.0	5.0	3.45 ¹	ICV0939

Accessories

Article	Code	Description
 UNI cylindrical sizers set	ICV0728	6 universal cylindrical sizers
 UNI profile sizers set	ICV0730	6 universal profile sizers
 Aortic rotators set	ICV0950	6 aortic rotators
 UNI handle	ICV0664	1 universal bandable handle to be used with all sizers
 Valve holder handle	P0593	1 Nitinol bandable handle
 Occluder tester	VT-100	10 disposable occluder tester (provided sterile)
Empty tray	TR-101	1 empty tray

1. Badano et al., Normal echocardiographic characteristics of the Sorin Bicarbon bileaflet prosthetic heart valve in the mitral and aortic positions, J Am Soc Echocardiogr 1997; 10: 632- 43.

2. Otero et al., Comparative evaluation of small-size Sorin Slimline and St. Jude HP Heart Valve Prostheses, Ann Thorac Surg 2005; 79: 1284-90.

BICARBON FITLINE AORTIC

BICARBON FITLINE MITRAL

Implantation Consideration

- Orientation of the implanted valve facilitated by a Polyacetal sleeve mounted inside the sewing cuff, which maintains torque at a constant level
- Three orientation markers for suture spacing
- Soft, pliable cuff for easy handling and better conformity to the patient's annulus

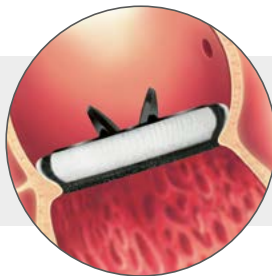
- Orientation of the implanted valve facilitated by a Polyacetal sleeve mounted inside the sewing cuff, which maintains torque at a constant level
- Four orientation markers for suture spacing
- Soft, pliable cuff for an easy handling and to better conform to the patient's annulus, promotes coaptation to annulus

Clinical Consideration

- Special sizers allow surgeon to assess position of valve within sinus area and clearance of coronaries before implantation
- Advanced design allows to achieve a laminar blood flow that minimizes the risk of thrombus formation¹
- Very low valve-related adverse events*
- Proven safety and durability**

- Special sizers allow surgeon to assess position of valve within sinus area and clearance of coronaries before implantation
- Advanced design allows to achieve a laminar blood flow that minimizes the risk of thrombus formation¹
- Very low valve-related adverse events*
- Proven safety and durability**

Valve Placement *in-situ*



*CORCYM post-market surveillance classifies the incidence of valve structural failure P as very improbable ($P \leq 10^{-6}$) and the incidence of valve-related thromboembolic events $P1$ as improbable ($10^{-6} < P1 \leq 10^{-5}$).

**CORCYM post-market surveillance classifies the incidence of valve structural failure P as very improbable ($P \leq 10^{-6}$).

1. Vallana et al., Pivot design in bileaflet valves, *Asaio Journal*, 38:M600-M606, 1992.

BICARBON™ FAMILY

MECHANICAL
HEART VALVES

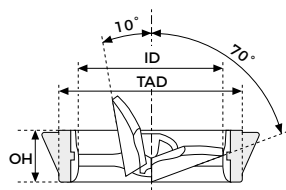


BICARBON FITLINE AORTIC

INTRA-ANNULAR AORTIC VALVE Sizes 19-31 mm

Product specifications

Nominal size	TAD	ID	OH	GOA	EOA ¹	Catalog N.
19	19.0	15.2	6.0	1.76	0.97	ICV0917
21	21.2	17.2	6.4	2.27	1.54	ICV0918
23	23.4	19.2	6.8	2.83	2.07	ICV0919
25	25.6	21.3	7.2	3.45	2.39	ICV0920
27	27.8	23.3	7.6	4.14	3.06	ICV0921
29	30.0	25.6	8.0	5.00	3.45	ICV0922
31	32.0	25.6	8.0	5.00	3.45	ICV0923

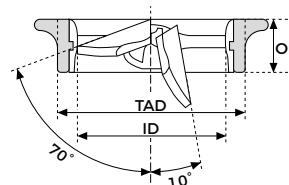


BICARBON FITLINE MITRAL

Sizes 19-33 mm

Product specifications

Nominal size	TAD	ID	OH	GOA	Catalog N.
19	19.0	15.2	6.0	1.76	ICV0924
21	21.2	17.2	6.4	2.27	ICV0925
23	23.4	19.2	6.8	2.83	ICV0926
25	25.6	21.3	7.2	3.45	ICV0927
27	27.8	23.3	7.6	4.14	ICV0928
29	30.0	25.6	8.0	5.00	ICV0929
31	32.0	25.6	8.0	5.00	ICV0930
33	34.0	25.6	8.0	5.00	ICV0931



Accessories

Article	Code	Description
 UNI cylindrical sizers set	ICV0662	8 universal cylindrical sizers
 UNI profile sizers set	ICV0663	8 universal profile sizers
 Rotators set	ICV0732	6 aortic rotators + 6 mitral rotators
 UNI handle	ICV0664	1 universal bandable handle to be used with all sizers and mitral rotators
 Valve holder handle	P0593	1 Nitinol bandable handle
 Occluder tester	VT-100	10 disposable occluder tester (provided sterile)
Empty tray	TR-101	1 empty tray

Legend

TAD = Tissue Annulus Diameter (mm)

EOA = In vivo Effective Orifice Area (cm²)

GOA = Geometric Orifice Area (cm²)

ID = Internal Diameter (mm)

OH = Orifice Height (mm)

1. Badano et al, Normal echocardiographic characteristics of the Sorin Bicarbon bileaflet prosthetic heart valve in the mitral and aortic positions, J Am Soc Echocardiogr 1997;10: 632- 43.

INTENDED USE/INDICATIONS

The Bicarbon prosthesis is intended for use as a replacement valve in patients with diseased, damaged, or malfunctioning mitral or aortic heart valve. This device may also be used to replace a previously implanted mitral or aortic prosthetic heart valve.

Bicarbon Aortic/Mitral prostheses, respectively, are indicated for use in patients suffering from aortic/mitral valvular heart disease, that is a condition involving obstruction of the aortic/mitral heart valve or stenosis; leakage of the aortic/mitral valve, known as regurgitation, incompetence, or insufficiency; and combinations of the two; or patients with a previously implanted aortic/mitral valve prosthesis that is no longer functioning adequately and requires replacement.

KEY CONTRAINDICATIONS

The Bicarbon prostheses are contraindicated in patients at risk for complications associated with long-term anticoagulant treatment that clinical experience has shown to be indispensable for patients with mechanical heart valves.

KEY WARNINGS

For single use only. The use of the Bicarbon prostheses is not recommended in patients with hypersensitivity to Titanium alloys and to Cobalt Chromium alloys (Stellite). Do not manipulate the Bicarbon prosthesis with instruments other than those supplied by Corcym srl.

TOP POTENTIAL SIDE EFFECTS

The complications associated with heart valve prosthesis implantation include: hemolysis, infections, thrombosis or thromboembolic events, dehiscence, unacceptable hemodynamic performance, hemorrhagic events due to anticoagulant therapy, prosthesis malfunction, heart failure, myocardial infarction due to coronary obstruction, allergic reaction and death. Any one of these complications may require re-operation or removal of the prosthesis.

MRI conditional

For professional use. Please contact us through our website to receive instructions for use containing full prescribing information, including indications, contraindications, warnings, precautions and adverse events. Not approved in all geographies. Consult your labeling.



Manufactured by:

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CC-MK-00002 A

The Pediatric Combination
that lasts

Now with
PROPATEN
Bioactive Surface
for
**Pediatric
Shunt**

PERFORMANCE through experience



PROPATEN®

VASCULAR GRAFT



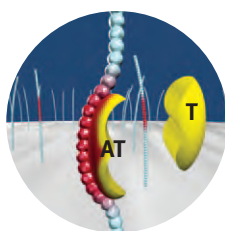
A New Category *in Pediatric Shunts*

- ▶ Gore builds on proven elements you can trust — a combination of innovation and a history of clinical success.
- ▶ **More than 50,000** successful GORE® PROPATEN® Vascular Graft implants and more than three decades of experience with GORE-TEX® Vascular Graft configured for Pediatric Shunts worldwide.
- ▶ **More than 200** scientific papers including numerous clinical studies have demonstrated the performance of the end-point covalent heparin bonding technology.
- ▶ **More than 25 million** Gore clinical ePTFE implants worldwide.
- ▶ **More than 30 years** of experience in medical device implants.

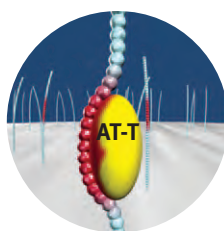
PROPRIETARY END-POINT COVALENT BONDING

- Only the end of the heparin molecule is bonded to the graft surface

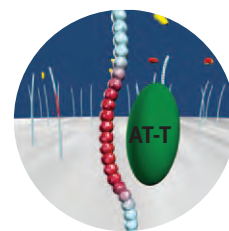
The heparin bioactive site remains free to interact with the blood



- Heparin molecules are bonded to the graft's luminal surface
- Bioactive site of the heparin molecule binds to antithrombin (AT)



- Antithrombin binds to thrombin (T) – a neutral AT-T complex is formed
- Thrombin loses its ability to catalyze the conversion of fibrinogen to fibrin



- Neutral AT-T complex detaches from the heparin molecule
- Heparin bioactive site becomes available to again bind antithrombin

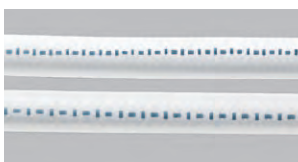
- End-point covalent bonding keeps heparin anchored to the graft surface over time
- Proprietary Gore technology

HEPARIN

- A proven anticoagulant
- Derived from heparin sourced in North America
- Reduced molecular weight heparin of porcine origin

ePTFE

- Unchanged GORE-TEX® Vascular Graft handling properties



Stretch Technology



Thin-walled



Longitudinal extensibility – allowing easier tailoring and sizing



Kink resistance – improved handling, soft and supple while enhancing kink resistance

CATALOGUE NUMBER*	INTERNAL DIAMETER (mm)	GRAFT LENGTH (cm)
HPT030005A	3	5
HPT030010A	3	10
HPT030015A	3	15
HPT350005A	3.5	5
HPT350010A	3.5	10
HPT350015A	3.5	15
HPT040005A	4	5
HPT040010A	4	10
HPT040015A	4	15
HPT050005A	5	5
HPT050010A	5	10
HPT050015A	5	15
HPT060015A	6	15

* European catalogue numbers do not include the 'A'.

For additional sizes and catalogue numbers, please call your local Gore Sales Representative.



Relaxed State



Moderate Tension for Implantation



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Examples of Applications in Pediatric Cardiac Surgery:

- Complex Tetralogy of Fallot¹⁻⁴
- Pulmonary atresia with VSD²⁻⁴
- Pulmonary atresia with intact septum²⁻⁴
- Double outlet right ventricle with pulmonary stenosis^{2,4}
- Complete transposition with pulmonary stenosis²⁻⁴
- HLHS and other single ventricle equivalents^{2,4,5}

1. Alkhulaifi AM, Lacour-Gayet F, Serraf A, Belli E, Planché C. Systemic pulmonary shunts in neonates: early clinical outcome and choice of surgical approach. *Annals of Thoracic Surgery* 2000;69(5):1499-1504.
2. Ishino K, Stümper O, De Giovanni JJ, *et al.* The modified Norwood Procedure for hypoplastic left heart syndrome: early to intermediate results of 120 patients with particular reference to aortic arch repair. *Journal of Thoracic & Cardiovascular Surgery* 1999;117(5):920-930.
3. Gladman G, McCrindle BW, Williams WG, Freedom RM, Benson LN. The modified Blalock-Taussig shunt: clinical impact and morbidity in Fallot's tetralogy in the current era. *Journal of Thoracic & Cardiovascular Surgery* 1997;114(1):25-30.
4. Tsai KT, Chang CH, Lin PJ. Modified Blalock-Taussig shunt: statistical analysis of potential factors influencing shunt outcome. *Journal of Cardiovascular Surgery* 1996;37(2):149-152.
5. Al Jubair KA, Al Fagih MR, Al Jarallah AS, *et al.* Results of 546 Blalock-Taussig shunts performed in 478 patients. *Cardiology in the Young* 1998;8(4):486-490.

BICARBON[®]

MECHANICAL AORTIC BILEAFLET HEART VALVES



Distinguished details
make the dynamic difference

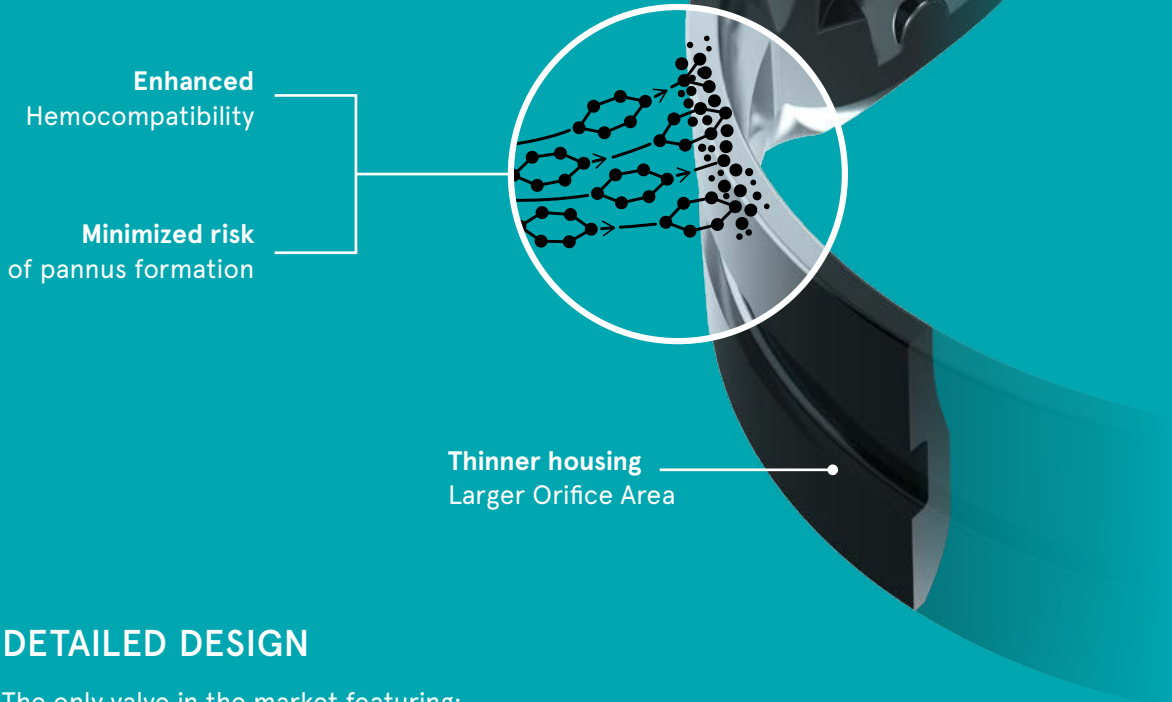
* INR range 1.5–2.5 in patients at low risk for thromboembolic events undergoing single mechanical aortic valve replacement

TRULY ADVANCED

LivaNova BICARBON® mechanical heart valves have been specifically designed to offer minimized thrombogenicity and top hemodynamic performance.

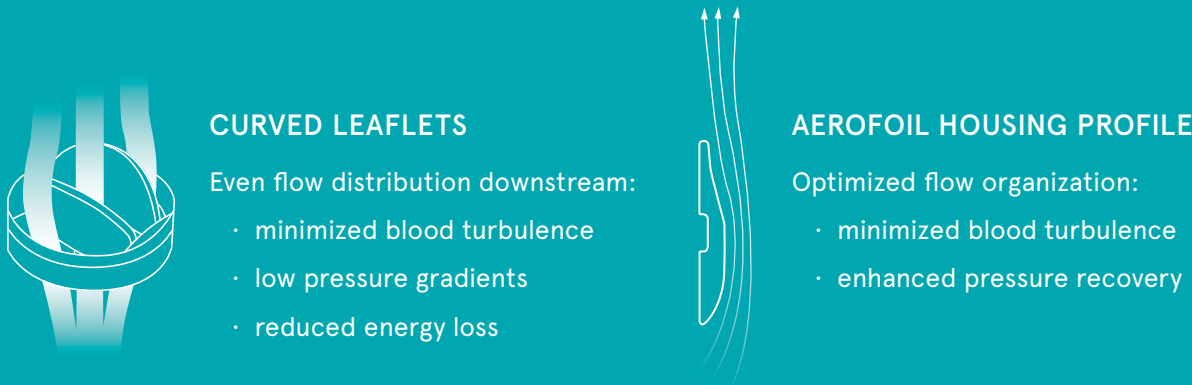
DETAILED CHOICE OF MATERIALS

The only valve in the market featuring a Titanium housing coated with CARBOFILM®.



DETAILED DESIGN

The only valve in the market featuring:



SAFER
WITH LESS ANTICOAGULATION

BICARBON aortic valves are the only mechanical prostheses in the market backed by an independent randomized clinical trial which has demonstrated the safety and feasibility of a **lower INR* regimen of 1.5 to 2.5 without the addition of aspirin**, in low-risk patients** undergoing isolated aortic valve implantation.



	LOW INR (N=148)	CONVENTIONAL INR (N=144)	P	RR
THROMBOEMBOLIC EVENTS (TE)	0	3	0.119	0.00 (95% CI 0.00-1.45)
BLEEDING EVENTS (BE)	5	13	0.045	0.37 (95% CI 0.14-0.98)

Post hoc analysis of the LOWERING-IT Trial. Data presented at American Heart Association (AHA), 2017

* Reduced INR applicable starting soon after aortic valve replacement. Stable control of the INR as per clinical practice should be performed
** Low INR not applicable to patients undergoing multiple valve replacement or at high risk of thromboembolic events (e.g. atrial fibrillation, history of cardiac thromboembolism, ...).

BICARBON aortic range

BICARBON OVERLINE®



BICARBON SLIMLINE®



BICARBON FITLINE® Aortic



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Please always refer to the Instructions For Use (IFU) manual provided with each product for detailed information, warnings, precautions and possible adverse side effects.

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