



Features and Benefits

- Durable with ability to reinflate up to 10 times without bursting
- Enhanced pushability and trackability*
- Low growth profile†

Size Matrix

Balloon Diameter (mm)	Balloon Length (mm)					
	06	08	12	15	20	27
2.00	NCSLC2006X	NCSLC2008X	NCSLC2012X	NCSLC2015X	NCSLC2020X	—
2.25	NCSLC22506X	—	NCSLC22512X	—	NCSLC22520X	—
2.50	NCSLC2506X	NCSLC2508X	NCSLC2512X	NCSLC2515X	NCSLC2520X	NCSLC2527X
2.75	NCSLC27506X	NCSLC27508X	NCSLC27512X	NCSLC27515X	NCSLC27520X	—
3.00	NCSLC3006X	NCSLC3008X	NCSLC3012X	NCSLC3015X	NCSLC3020X	NCSLC3027X
3.25	NCSLC32506X	NCSLC32508X	NCSLC32512X	NCSLC32515X	NCSLC32520X	—
3.50	NCSLC3506X	NCSLC3508X	NCSLC3512X	NCSLC3515X	NCSLC3520X	NCSLC3527X
3.75	NCSLC37506X	NCSLC37508X	NCSLC37512X	NCSLC37515X	NCSLC37520X	—
4.00	NCSLC4006X	NCSLC4008X	NCSLC4012X	NCSLC4015X	NCSLC4020X	NCSLC4027X
4.50	—	NCSLC4508X	NCSLC4512X	NCSLC4515X	NCSLC4520X	—
5.00	—	NCSLC5008X	NCSLC5012X	NCSLC5015X	—	—

Replacement lengths: 8-mm balloon replacing 9-mm NC Sprinter™ balloon and 20-mm balloon replacing 21-mm NC Sprinter balloon
 Orange color = new size over NC Sprinter balloon matrix

Technical Improvements

Technical Feature	NC Solarice™ Balloon	NC Sprinter Balloon
Nominal pressure (atm)	12	10
Rated burst pressure (RBP) (atm)	20	18
Fatigue capability (cycles to RBP)	10	10
Catheter distal O.D. (F) 2.00 mm–3.75 mm 4.00 mm–5.00 mm	Straight 2.5 F Straight 2.7 F	Bumped 2.6 F and 2.4 F Straight 3.0 F
Marker band material	Platinum iridium	Gold
Lesion entry profile (in.)	0.015	0.016

Changes in Selected Technical Features

Technical Feature	NC Solarice Balloon	NC Sprinter Balloon
Balloon material	Proprietary nylon-based	Soft Fulcrum™ Plus
Hydrophilic coating	No change	Selective Dura-Trac
Catheter length (cm)	No change	142
Balloon MiniWrap 2.00 mm–3.75 mm 4.00 mm–5.00 mm	No change No change	3 folds 5 folds
MGC ID for 2.00–4.00-mm balloon	No change	1.42 mm/0.056"
MGC ID for 4.00–5.00-mm balloon	No change	1.68 mm/0.066"

*Competitive testing vs. NC Trek and NC Quantum Apex™ balloons.

† Competitive testing vs. NC Quantum Apex balloon.

Bench test data may not be indicative of clinical performance.

Compliance Data

Pressure kPa (atm)	Average Balloon Diameter (mm)										
	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.50	5.00
608 (6)	1.89	2.12	2.35	2.54	2.77	2.94	3.13	3.43	3.67	4.09	4.64
709 (7)	1.91	2.15	2.37	2.57	2.80	2.97	3.17	3.47	3.72	4.14	4.71
811 (8)	1.93	2.17	2.40	2.60	2.84	3.01	3.22	3.51	3.78	4.19	4.79
912 (9)	1.95	2.19	2.43	2.63	2.87	3.06	3.27	3.56	3.84	4.25	4.86
1013 (10)	1.97	2.21	2.46	2.66	2.91	3.10	3.32	3.61	3.90	4.31	4.92
1115 (11)	1.98	2.23	2.48	2.69	2.94	3.14	3.37	3.66	3.95	4.37	4.95
1216 (12)	1.99	2.25	2.50	2.71	2.97	3.18	3.41	3.70	3.99	4.42	5.00
1317 (13)	2.00	2.26	2.51	2.73	2.99	3.21	3.44	3.73	4.03	4.47	5.04
1419 (14)	2.02	2.28	2.53	2.75	3.01	3.23	3.47	3.76	4.07	4.51	5.08
1520 (15)	2.03	2.29	2.54	2.77	3.03	3.26	3.50	3.78	4.10	4.54	5.12
1621 (16)	2.04	2.30	2.56	2.78	3.05	3.28	3.52	3.81	4.13	4.58	5.15
1723 (17)	2.05	2.31	2.58	2.80	3.07	3.30	3.55	3.83	4.15	4.60	5.19
1824 (18)	2.06	2.33	2.59	2.81	3.09	3.33	3.57	3.86	4.18	4.63	5.23
1925 (19)	2.07	2.34	2.61	—	3.11	3.35	3.59	3.88	4.21	4.66	5.27
2027 (20)	2.09	2.36	2.63	2.84	3.13	3.37	3.62	3.91	4.24	4.69	5.30
2128 (21)	2.10	2.37	2.65	2.86	3.15	3.39	3.64	3.93	4.28	4.72	5.35
2229 (22)	2.12	2.39	2.66	2.88	3.17	3.41	3.66	3.96	4.31	4.75	5.39
2330 (23)	2.14	2.40	2.68	2.90	3.20	3.43	3.69	3.99	4.34	4.78	—
2432 (24)	2.15	2.42	2.71	2.92	3.22	—	3.71	—	—	4.81	—
2533 (25)	—	2.44	—	2.94	3.25	—	3.74	—	—	4.84	—

Nominal pressure Rated burst pressure*

*Rated burst pressure—do not exceed.

Nominal pressure: the pressure at which the balloon reaches its labeled diameter

Rated burst pressure: the maximum pressure to which a balloon is designed to be inflated

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