

## Cannulation Tourniquet Sets

▶ All tubes with x-ray detectable stripe



**Venting "Y" Adapter**  
Ref: 330 0322 1

**Cardioplegia Adapter, Duplicate**  
Ref: 330 0323 1

Ref	
<b>330 0322 1</b>	Venting "Y" Adapter
330 0321 1	Perfusion "Y" Adapter
330 0323 1	Kardioplegia Adapter, Duplicate
330 0331 1	Multiple Perfusion Adapter, Triplicate
330 0341 1	Multiple Perfusion Adapter
330 0342 1	Multiple Perfusion Adapter w/Vent Line

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330 0341 1	Multiple Perfusion Adapter
330 0342 1	Multiple Perfusion Adapter w/Vent Line

## BTDS-2002 Thoracic Drainage System

- ▶ Underwater seal drainage
- ▶ Double inlet for multiple tube drainage
- ▶ Discard port
- ▶ 2000 ml collecting capacity
- ▶ Handle for patient convenience
- ▶ Easy to write on drainage marking scale
- ▶ Caps
- ▶ Easy to milk, soft and kink resistant silk finished tubing
- ▶ Corrugated support tubing that prevents drainage obstruction due to kinking at collector inlet
- ▶ Length of tubing: 150 cm
- ▶ Tube connector specially designed to accept different thoracic catheter sizes
- ▶ Optional luer lock port cap on the connector helps to empty coagulum collected in the tubing
- ▶ Priming volume: 200cc



Ref	
176-2002-1	w/Luer Lock Port

Clinisponge® is an implantable, absorbable gelatin sponge with haemostatic effect and used in surgical procedures to achieve fast and effective hemostasis.

The sponge has a uniform porosity and reacts naturally to coagulation process.

**Properties & Advantages**

- Biocompatible and completely resorbable
- High absorption capacity - up to 35 times of its own weight
- Resorbed approx. in 3-4 weeks
- Used as a carrier for drugs
- Used dry or soaked with sterile sodium chloride solution
- Well adhering ability to the bleeding site
- Variety of sizes
- Can be cut to desired size



CE 2460

**Indications**

- General surgery
- Orthopaedic surgery
- Thoracic surgery
- Neurosurgery
- Gynecology
- Urology
- Maxillofacial surgery
- Orthopaedic surgery
- Thoracic surgery



Type	Size	Pcs/Box	Reference
Clinisponge Standart	80 x 50 x 10 mm	10	CL5810
Clinisponge Standart	70 x 50 x 10 mm	10	CL5710
Clinisponge Special	80 x 50 x 1 mm	10	CL5811
Clinisponge Special	70 x 50 x 1 mm	10	CL5711
Clinisponge Film	200 x 70 x 0,5 mm	10	CL2075
Clinisponge Dial	30 x 30 x 10 mm	10	CL3010
Clinisponge Tampon	80 x ø30 mm	5	CL8030
Clinisponge Dental	10 x 10 x 10 mm	50	CL1010
Clinisponge Dental	14 x 7 x 7 mm	50	CL1477
Clinisponge Powder	1 gr	5	CL1000

## Coronary Artery Perfusion Cannula

- ▶ Basket tip has a soft flange that occludes the ostium, preventing backflow of cardioplegia
- ▶ Large malleable stainless steel shaft with a plastic handle
- ▶ Terminates with a distal female luer connector
- ▶ Available in either a 45 or 90 degree angle configuration



Ref		Size
45 Degree Tip	90 Degree Tip	
330 0460 1	<u>330 0465 1</u>	10 Fr
330 0461 1	330 0466 1	12 Fr
330 0462 1	330 0467 1	14 Fr



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## Suction Wands

- ▶ Standard and low profile options
- ▶ Rigid Tip
- ▶ Stainless steel design
- ▶ Ergonomic plastic handle
- ▶ Accepts 6.35 mm (1/4") connection



Ref	
162 0001 1	Standard
162 0002 1	Low Profile

# BONE WAX

**Bonewax is a sterile haemostatic material to control of bleeding in bone injuries.**

Hemostatic effect will be produce mechanically by occlusion of intaosseous vessels during surgical procedures. Bonewax is produced from PH Eur beeswax. It is recomended to knead or mould the Bonewax when it is "hand warm" to shape it before using.

## Indications

- In orthopedic sugery & traumatology
- In thoracic surgery - sternum and costa
- In dental & maxillofacial surgery
- In neurosurgery - trepanation
- In general and plastic surgery



Type	Size	Pcs/Box	Reference
Bonewax	2,5 gr	12	BW12
Bonewax	2,5gr	24	<b>BW24</b>



## ANTIMICROBIAL INCISE DRAPE

A barrier to  
Bacterial Contamination

Transparent

Allows skin to breath

Impermeable to water and bacteria

Air Permeable

Hypoallergenic

Proper viscosity and high elasticity

Thin Film

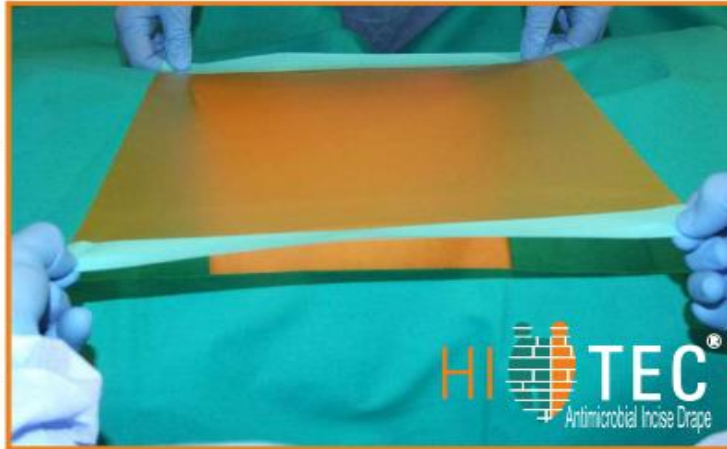
Antimicrobial Technology

Excellent Adhesion

Breathable Film

Kill bacteria that contact adhesive

Provide broad-spectrum  
antimicrobial activity

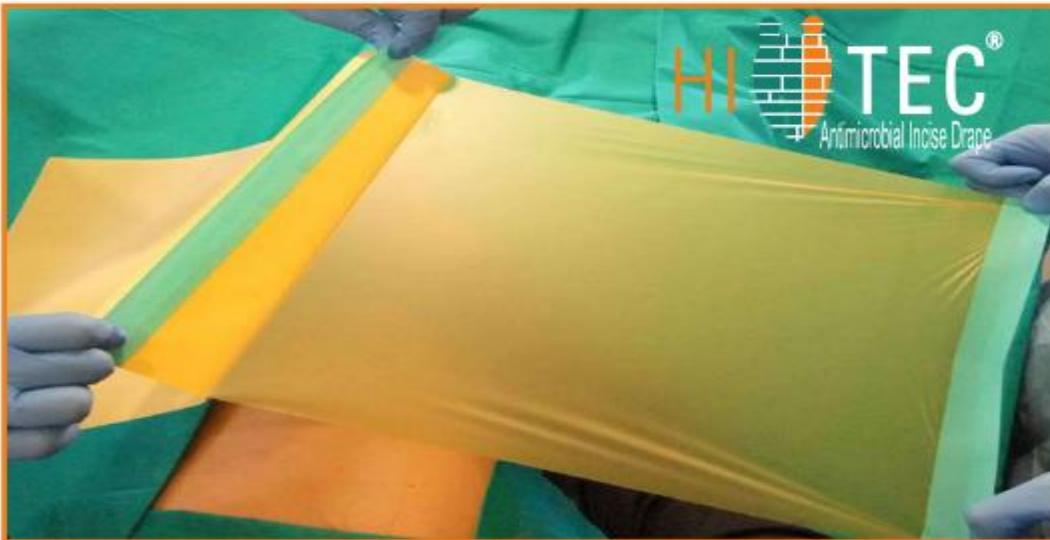


Antimicrobial Drape aims to use for prevents spreading of bacterias and post-op infections in surgical operations. It is made of cuttable polyurethane and/or polyethylene film.

Results of the most clinical studies show that skin bacteria plays an important role in occuring post-operative infections.

It can be used all kind of surgical operations which has risk of post-op infections.

Cardiovascular procedures, valve replacements, knee and hip replacements in orthopedic surgery, shunt implantations are more prone to post-op infections due to skin bacteria in neurosurgery.



HI-TEC drape contains developed iodophor. Iodophor provides high and fast disinfection with application.

Especially it is important in implant surgeries.

Implants act as hideouts for bacterias and increase the risk.

Postoperative infections are major problem for surgeons.

There are some major skin pathogens responsible for postoperative infections on the following:

- Staphylococcus aureus
- Staphylococcus epidermidis
- Escherichia coli
- Escherichia enterococci



CODE(KOD)	SIZE(EBAT)
ID3030	30X30 cm
ID3535	35X35 cm
ID4545	45X45 cm
ID4560	45X60 cm
ID5645	56X45 cm
ID6040	60X40 cm
ID6045	60X45 cm
ID6060	60X60 cm
ID6090	60X90 cm
CUSTOMIZED SIZES ARE AVAILABLE	

# EC DECLARATION OF CONFORMITY



**KLAS MEDİKAL CİHAZLAR SANAYİ MÜMESSİLLİK İÇ VE DIŞ TİC LTD.ŞTİ**  
**FACTORY** : RAMAZANOĞLU MAHALLESİ MAHSUS SOKAK KLAS MEDİKAL  
BLOK NO: 1 İÇ KAPI NO: 1 PENDİK 34906 İSTANBUL/TURKEY  
**Tel:** +90 216 576 48 88 **Fax:** +90 216 577 82 97 **Email:** info@klasmedical.com

**Product** : **SURGICAL INCISE DRAPE**  
**Classification** : **Class Is Rule 1**  
**Brand** : **HITEC**  
**GMDN Code** : **47783**

#### Applicable Directive and Standards:

Medical Devices Directive (MDD) 93/42/EEC + 2007/47/EC

Medical Device Regulation EU 2017/745(Article 120)+ *Regulation(EU)2023/607*

EN ISO 13485:2016+A11:2021	EN ISO 14937:2009	ASTM D3654-2019
EN ISO 11135:2014+A1:2019	EN ISO 14644-1:2015	EN ISO 14644-2:2015
EN ISO 14644-3:2019	EN ISO 20417:2021	EN ISO 15223-1:2021
EN ISO 14971:2019+A11:2021	EN ISO 10993-1:2020	EN ISO 10993-5:2009
EN ISO 10993-7:2008+A1:2022	EN ISO 10993-10:2021	EN ISO 11737-1:2018 +A1:2021
EN ISO 11737-2:2020	ASTM F 1980-2021	ASTM F 1929-2015
EN ISO 11607-1:2020+A11:2022	EN ISO 11607-2:2020+A11:2022	EN 17141:2020
EN ISO 22610:2006	EN ISO 22612:2005	TS 3957:2018
ISO/TR 20416:2020	EN ISO 20645:2004	MDCG 2020-3 Rev.1
MDCG 2020-7	MDCG 2020-8	MDCG 2019-7
MDCG 2021-1 Rev1	GHFT-SG2/N54R8:2006	

**Method of Conformity Assessment:** Annex 2 (excluding section 4 )

REF(PE)	REF(PU)	SIZE(cm)	REF(PE)	REF(PU)	SIZE(cm)	REF(PE)	REF(PU)	SIZE(cm)	REF(PE)	REF(PU)	SIZE(cm)
D1010	DU1010	10x10	D3030	DU3030	30x30	D4540	DU4540	45x40	D6045	DU6045	60x45
D1012	DU1012	10x12	D3035	DU3035	30x35	D4545	DU4545	45x45	D6050	DU6050	60x50
<b>D1020</b>	DU1020	10x20	D3040	DU3040	30x40	D4548	DU4548	45x48	D6055	DU6055	60x55



CARDIOVASCULAR SURGERY

## Aortic Punch

- ▶ Superb cutting feature
- ▶ Smooth aortotomy edges
- ▶ Easy to use
- ▶ Secure grip
- ▶ Ergonomic design



Ref	
332 0028 1	2.8 mm
332 0036 1	3.6 mm
<b>332 0040 1</b>	4.0 mm
332 0044 1	4.4 mm
332 0048 1	4.8 mm

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332 0048 1	4.8 mm

## Poviseptin® Scrub Brush

- Surgical scrub brush impregnated with antiseptic liquid soap containing 7.5% Povidone Iodine.
- Poviseptin® Scrub Brush is used for surgical and hygienic hand and skin antiseptis.
- Easy to use ergonomic brush design helps deep cleaning of fingernails.

### Medical Properties

This product is surgical scrub brush impregnated with Poviseptin® Scrub.

Poviseptin® Scrub, containing 7.5% povidone iodine, is used for skin and mucosa disinfection. The iodine contained in the polyvinyl pyrolidone iodine complex is released slowly and provides an antiseptic effect. It foams easily. It can be cleaned with water without leaving any stain.



## Chlorhexidal® Scrub Brush

- Surgical scrub brush impregnated with 4% Chlorhexidine Gluconate antiseptic liquid soap.
- Chlorhexidal® Scrub Brush is used for surgical and hygienic hand and skin antiseptis.
- Easy to use ergonomic brush design helps deep cleaning of fingernails.

### Medical Properties

This product is surgical scrub brush impregnated with Chlorhexidal® Scrub 4% Chlorhexidine Gluconate antiseptic liquid soap.

Chlorhexidine, a topically used antiseptic and disinfectant is effective against many Gram (-) and Gram (+) bacteria. It is an ideal topical antiseptic due to its permanent effect on the skin, its rapid effect, its broad spectrum, and minimal absorption from the skin.

Chlorhexidal Scrub;

- Compatible with skin pH,
- Stabilizes the skin flora and removes bad odors,
- Protects and moisturizes the skin.



## Vascular Tourniquet Set

- ▶ Options of 2 tubes, 1 tube, 5 tubes  
(Length of each tube is 13 cm)
- ▶ Integrated plug
- ▶ Snare
- ▶ Umbilical tape



Ref	Tube Quantity
330 0590 1	2 Tubes
330 0591 1	1 Tube
330 0592 1	5 Tubes

## BPDS-700 Pleural Drainage System

- ▶ Underwater seal drainage
- ▶ 700 ml collecting capacity
- ▶ Firm stand to avoid accidental overturn
- ▶ Handle for patient convenience
- ▶ Easy to write on drainage marking scale
- ▶ Funnel to facilitate priming
- ▶ Easy to milk, soft and kink resistant silk finished tubing
- ▶ Corrugated support tubing that prevents drainage obstruction due to kinking at collector inlet
- ▶ Length of tubing: 150 cm
- ▶ Tube connector specially designed to accept different thoracic catheter sizes
- ▶ Optional luer lock port cap on the connector helps to empty coagulum collected in the tubing
- ▶ Priming volume: 50cc



Ref	
175 7001 1	w/Luer Lock Port
175 7002 1	w/Antifoam
017 7004 1	w/o Luer Lock Port

## Aspirasyon Seti Yanquer Set

Aspirasyon seti ürünlerimiz isteğe bağlı olarak vakumlu aspirasyon seti ve vakumsuz aspirasyon seti olarak üretilmektedir.

Aspirasyon ucu 4 yan delikten, tek parça ve sert yapıdan meydana gelmektedir.

Aspirasyon hortumu 210 cm uzunluğunda olup, özel isteğe bağlı ölçülerde de üretebilmektedir.

*Our aspiration set products are produced as with vacuum or without vacuum upon request.*

*Aspiration tips consist of four side holes, one part and hard structure.*

*Aspiration hose is 210 cm long and could be produced in requested sizes as well*





## Thoracic Catheter

- ▶ Flexible tubing wall provides leak proof tissue/tubing interface
- ▶ Atraumatic, rounded, open distal tip
- ▶ Easy to milk
- ▶ Cross side eyes to prevent tissue aspiration
- ▶ Radiopaque line
- ▶ Accurate positioning depth marks at each cm starting 2 cm from the distal end
- ▶ Flared end to accept different sized connectors
- ▶ Straight or right angled design
- ▶ Length: 52 cm



Ref		Size
Straight	Angled	
180 1201 1	182 1201 1	12 Ch
180 1601 1	182 1601 1	16 Ch
180 2001 1	182 2001 1	20 Ch
180 2401 1	182 2401 1	24 Ch
180 2801 1	<u>182 2801 1</u>	28 Ch
180 3201 1	182 3201 1	32 Ch
180 3601 1	182 3601 1	36 Ch
180 4001 1	182 4001 1	40 Ch

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180 2801 1	182 2801 1	28 Ch
180 3201 1	182 3201 1	32 Ch
180 3601 1	182 3601 1	36 Ch
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