



## RÜSCH CLOSED URINE DRAINAGE SYSTEMS

For maximum protection against nosocomial urinary tract infections



## TELEFLEX'S RÜSCH CLOSED URINE DRAINAGE SYSTEMS – SIMPLE, SAFE AND HYGIENIC

Trusted brands make Teleflex a reliable and strong partner. Built on a solid tradition of innovation, Teleflex is a global leader in superior medical supplies designed to help providers minimise risk and maximise outcomes for their patients. Our understanding of the importance to our customers of a full range of products has led to the development of a unique line of medical devices, all of which complement one another.

About 90% of all urinary tract infections are caused by urinary drainage. We have therefore made it our business to offer you a variety of products which effectively reduce the risk of infection. Here, the closed urine drainage system represents one of the most important elements of prophylaxis against urinary tract infections.

RÜSCH urinary drainage systems meet all the hygienic demands which are made on a high-quality closed system for long-term medical care. In addition, they are persuasively economical.

We offer you a complete range of closed urine drainage systems for standard and special applications, for adults and children.

**TELEFLEX – HIGH-QUALITY MEDICAL SUPPLIES FROM A SINGLE SOURCE**





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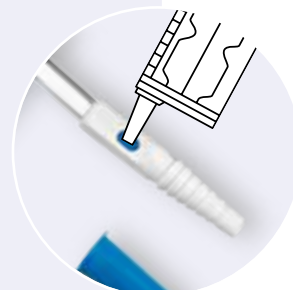
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## KEY FEATURES

### OF OUR RÜSCH CLOSED URINE DRAINAGE SYSTEMS

#### RIDGED UNIVERSAL CONNECTOR WITH NEEDLE-FREE URINE SAMPLING PORT

Specially designed ridged universal connector with protective cap – suitable for all common catheters. The connector is tapered opposite to the direction of catheter extraction, thus preventing it from slipping out of the catheter funnel and avoiding an accidental disconnection of catheter and urine drainage system. Urine sampling can be carried out with a Luer syringe without a needle at the needle-free urine sampling port at the connector. Needle-stick injuries are thus avoided and the risk of invading bacteria is greatly reduced. Thanks to its special flat design (except for Ref. 673053-000000) it is extremely easy to clean and disinfect the sampling port.



#### VENTED DRIP CHAMBER WITH INTEGRATED NON-REFLUX VALVE

The vented drip chamber with high drip level and safely functioning valve prevents the reflux of urine as well as intraluminally ascending infections. The bacteria-proof and liquid-tight ventilation at the drip chamber prevents congestion of urine in the tube and the associated risk of infection.

Furthermore, our closed urine drainage systems are ventilated at the bag which ensures optimum pressure balance and reliable flow performance, even under high pressure load.



#### SECURE FASTENING OF THE URINE DRAINAGE SYSTEM

The closed urine drainage systems can be fixed safely at all common bedrails by means of a firm double hook with additional cord, by a robust Velcro band with D-ring or lateral straps (depending on product type). Thanks to the optimally centred fixation of the urine drainage systems the excreted amount of urine can be read accurately, even with bags with large capacity.



#### NON-DRIP BOTTOM OUTLET

Hygienic and fast emptying of the bag thanks to the non-drip bottom outlet with one-hand clamp or the T-tap valve. The "doghouse" holder ensures secure fixation of the outlet tube, prevents potential contamination of the surrounding area and achieves additional floor clearance.



# PRECONNECTED

## NEW WAYS IN URINE DRAINAGE

As a provider of high-quality urine drainage systems we give our best attention to the prevention of germ introduction, as we know that this is one of the chief causes for nosocomial urinary tract infections. About 30% of intraluminal colonisation arise at the connection between catheter and urine bag. We have safeguarded this “critical zone” with a protective foil in order to create an absolutely self-contained system – thus each intentional and unintentional manipulation of this area becomes visible at once.

### PRECONNECTED – CLOSED URINE DRAINAGE SYSTEM WITH SILICONE BALLOON CATHETER

Maximum prophylaxis against infections during standard urine drainage under long-term conditions. PRECONNECTED combines the positive characteristics of the RÜSCH S-Bag and the RÜSCH Brillant silicone balloon catheter with the hygienic advantages of a preconnected system: maximum safety, high patient comfort, cost and time saving system solution.

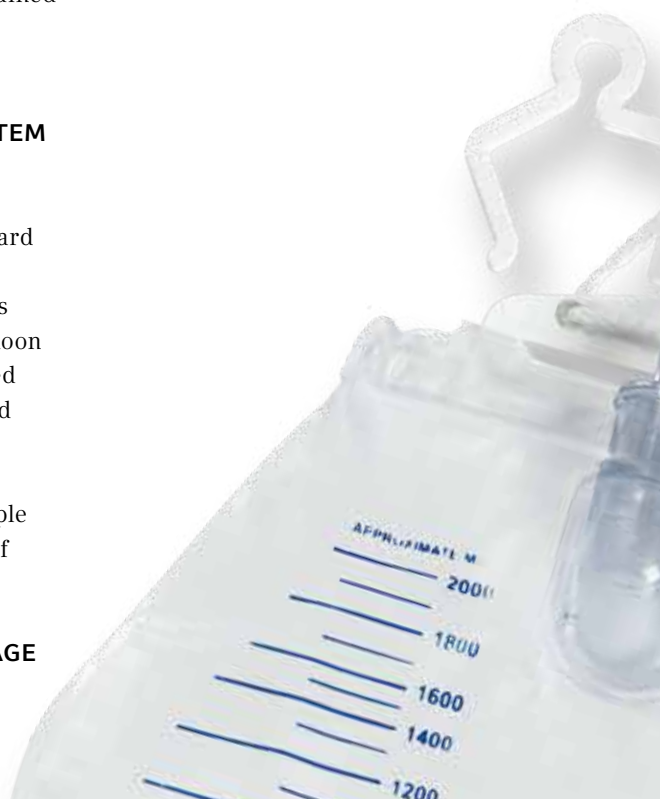
The idea of a closed urine drainage is consequently implemented with PRECONNECTED. Benefit from simple and comfortable handling and help to reduce the risk of infections for your patients with PRECONNECTED.

### SWITCH TO PRECONNECTED – THE URINE DRAINAGE SYSTEM OF THE FUTURE!



The connection of catheter and urine bag is safeguarded with a protective foil – thus preventing unintentional disconnection, with the associated invasion of bacteria. Intraluminally ascending infections are reduced.

However, if indicated, the foil can be removed. Any manipulation at the system can thus be easily identified.



# PRECONNECTED

CLOSED URINE DRAINAGE SYSTEM WITH SILICONE BALLOON CATHETER  
LATEX-FREE, STERILE, FOR SINGLE USE

## THE PRECONNECTED ADVANTAGES

- considerably reduced risk of infection for your patients
- consistent implementation of hygiene guidelines, like those of the RKI
- time and cost saving – during application of the system as well as during the whole indwelling time – and additionally saves follow-up costs
- fewer application errors during catheterisation
- logistic advantages in the ward’s workflow
- uncomplicated and time saving documentation with two adhesive labels on the packaging

### PRECONNECTED

REF.	DESCRIPTION	CATHETER SIZE	QTY
171100	<b>The system consists of</b> <ul style="list-style-type: none"><li>• <b>Rüsch Brilliant silicone balloon catheter:</b> Transparent, with cylindrical tip, length approx. 41 cm, balloon filling volume 10 ml</li><li>• <b>Closed urine drainage system Rüsch S-Bag:</b> Capacity 2,000 ml, length of tube 120 cm</li><li>• <b>SilFlate*:</b> Prefilled syringe with 10 ml sterile 10% glycerine solution to inflate the balloon</li></ul>	12 Ch. 14 Ch. 16 Ch. 18 Ch. 20 Ch. 22 Ch.	10

### SILFLATE

REF.	DESCRIPTION	FILLING VOLUME	QTY
850550-000100*	Prefilled syringe with sterile 10% glycerine solution	10 ml	10

\* ATTENTION: To inflate silicone balloons only!







#### Ⓐ RÜSCH BRILLANT

- Transparent 2-way silicone balloon catheter
- Cylindrical, aseptic solid tip
- 2 opposing eyes
- Atraumatic tip and eyes
- Radiopaque tip and contrast stripe along the catheter shaft
- Funnel with valve for Luer and Luer-lock syringe tips
- Constant elasticity and biocompatibility thanks to silicone material
- Minimum tendency to incrustation due to smooth surfaces
- Large eyes and wide inner lumen enable high drainage performance

#### Ⓑ SILFLATE\*

Prefilled syringe with 10 ml sterile 10% glycerine solution to fill the balloon:

- Less time for preparation
- Facilitates aseptic procedure
- Permanently constant filling volume (indwelling time up to 6 weeks)
- Saves time and costs, as there is no need for regular checks of the balloon filling volume and repeated inflation of the balloon

#### Ⓒ RÜSCH S-BAG

- 1 **RIDGED UNIVERSAL CONNECTOR**  
suitable for all common catheters
- 2 **FLAT NEEDLE-FREE URINE SAMPLING PORT**  
at the ridged universal connector
- 3 **FLEXIBLE AND KINK-RESISTANT 120 CM LONG TUBE**  
with sliding clamp and bed sheet clip
- 4 **ROBUST DOUBLE HOOK WITH ADDITIONAL CORD**  
for secure fastening of the urine drainage system
- 5 **VENTED DRIP CHAMBER WITH INTEGRATED NON-REFLUX VALVE**  
interrupts the urine flow and prevents the reflux of urine and thus intraluminally ascending infections
- 6 **ADDITIONAL BACTERIA-PROOF AND LIQUID-TIGHT VENTILATION AT THE BAG**  
for optimum pressure balance in the bag and reliable flow performance
- 7 **CLEAR GRADUATION IN ML**
- 8 **NON-DRIP BOTTOM OUTLET WITH ONE-HAND CLAMP**  
for hygienic and fast emptying of the bag
- 9 **"DOGHOUSE" HOLDER TO FIX THE OUTLET TUBE**  
prevents contamination and achieves additional floor clearance

# RÜSCH S-BAG / RÜSCH S-BAG A / RÜSCH S-BAG I

CLOSED URINE DRAINAGE SYSTEMS FOR STANDARD DRAINAGE UNDER LONG-TERM CONDITIONS  
LATEX-FREE, STERILE, FOR SINGLE USE

- ① **RIDGED UNIVERSAL CONNECTOR**  
with protective cap, suitable for all common catheters
- ② **FLAT NEEDLE-FREE URINE SAMPLING PORT**  
at the ridged universal connector
- ③ **FLEXIBLE AND KINK-RESISTANT TUBE**  
with sliding clamp and bed sheet clip
- ④ **ROBUST DOUBLE HOOK WITH ADDITIONAL CORD**  
for secure fastening of the urine drainage system
- ⑤ **VENTED DRIP CHAMBER WITH INTEGRATED NON-REFLUX VALVE**  
interrupts the urine flow and prevents the reflux of urine and thus intraluminally ascending infections
- ⑥ **ADDITIONAL BACTERIA-PROOF AND LIQUID-TIGHT VENTILATION AT THE BAG**  
for optimum pressure balance in the bag and reliable flow performance
- ⑦ **CLEAR GRADUATION IN ML**
- ⑧ **NON-DRIP BOTTOM OUTLET WITH ONE-HAND CLAMP (RÜSCH S-BAG) OR T-TAP VALVE (RÜSCH S-BAG A AND RÜSCH S-BAG I)**  
for hygienic and fast emptying of the bag
- ⑨ **"DOGHOUSE" HOLDER TO FIX THE OUTLET TUBE**  
prevents contamination and achieves additional floor clearance



## S-BAG

REF.	CAPACITY	TUBE LENGTH	QTY
673044-000000	2,000 ml	120 cm	20

## S-BAG A (WITH T-TAP OUTLET)

REF.	CAPACITY	TUBE LENGTH	QTY
673049-000000	2,000 ml	120 cm	20

## S-BAG I (WITH T-TAP OUTLET)

REF.	CAPACITY	TUBE LENGTH	QTY
673049-002500	2,500 ml	120 cm	20



# RÜSCH P-BAG

CLOSED URINE DRAINAGE SYSTEM FOR CHILDREN, FOR STANDARD DRAINAGE UNDER LONG-TERM CONDITIONS  
LATEX-FREE, STERILE, FOR SINGLE USE



Children are more delicate and react more sensitively than adults. Good to know that Teleflex offers a broad range of paediatric products which have been especially developed for children and adapted to their needs. One very good example is our RÜSCH P-Bag, which – according to the RKI guidelines – is an all closed urine drainage system for long-term medical care for children.

- ① **RIDGED UNIVERSAL CONNECTOR**  
with protective cap, suitable for all common catheters
- ② **FLAT NEEDLE-FREE URINE SAMPLING PORT**  
at the ridged universal connector
- ③ **FLEXIBLE AND KINK-RESISTANT TUBE**  
with sliding clamp and bed sheet clip
- ④ **ROBUST DOUBLE HOOK WITH ADDITIONAL CORD**  
for secure fastening of the urine drainage system
- ⑤ **VENTED DRIP CHAMBER WITH INTEGRATED NON-REFLUX VALVE**  
interrupts the urine flow and prevents the reflux of urine and thus intraluminally ascending infections
- ⑥ **ADDITIONAL BACTERIA-PROOF AND LIQUID-TIGHT VENTILATION AT THE BAG**  
for optimum pressure balance in the bag and reliable flow performance
- ⑦ **CLEAR GRADUATION IN ML**
- ⑧ **NON-DRIP BOTTOM OUTLET WITH ONE-HAND CLAMP**  
for hygienic and fast emptying of the bag
- ⑨ **"DOGHOUSE" HOLDER TO FIX THE OUTLET TUBE**  
prevents contamination and achieves additional floor clearance

## P-BAG



REF.	CAPACITY	TUBE LENGTH	QTY
673052-000000	1,000 ml	90 cm	20

# RÜSCH CLOSED URINE METER SYSTEMS

CLOSED URINE DRAINAGE SYSTEMS WITH URINE METER WITH A CAPACITY OF 500 ML AND EXCHANGEABLE URINE COLLECTOR WITH A CAPACITY OF 2,000 ML  
LATEX-FREE, STERILE, FOR SINGLE USE

- ① **RIDGED UNIVERSAL CONNECTOR**  
with protective cap, suitable for all common catheters
- ② **FLAT NEEDLE-FREE URINE SAMPLING PORT**  
at the ridged universal connector
- ③ **FLEXIBLE AND KINK-RESISTANT TUBE**  
with sliding clamp and bed sheet clip
- ④ **TUBE REINFORCEMENT**  
above the drip chamber to avoid kinking of the tube
- ⑤ **LATERAL STRAPS**  
for secure fixation of the system
- ⑥ **VENTED DRIP CHAMBER WITH INTEGRATED NON-REFLUX VALVE**  
interrupts the urine flow and prevents the reflux of urine and thus intraluminally ascending infections
- ⑦ **ADDITIONAL BACTERIA-PROOF AND LIQUID-TIGHT VENTILATION**  
for optimum pressure balance and reliable flow performance
- ⑧ **URINE METER**  
with a capacity of 500 ml with integrated 50 ml measurement chamber for small amounts (1 ml graduation)
- ⑨ **BOTTOM OUTLET VALVE**  
with symbols on the urine meter which show the correct handling of the outlet valve
- ⑩ **ROBUST HOLDER**  
for urine collector
- ⑪ **EXCHANGEABLE URINE COLLECTOR**  
with a capacity of 2,000 ml
- ⑫ **NON-REFLUX VALVE**  
prevents the reflux of urine
- ⑬ **BACTERIA-PROOF AND LIQUID-TIGHT VENTILATION**  
at the urine collector, for optimum pressure balance
- ⑭ **T-TAP OUTLET VALVE**  
for hygienic and fast emptying of the bag
- ⑮ **SLIT TO FIX THE OUTLET TUBING**  
to achieve additional floor clearance





CLOSED URINE METER SYSTEMS

REF.	CAPACITY URINE METER	CAPACITY URINE COLLECTOR	TUBE LENGTH	QTY
673081-000000	500 ml	2,000 ml	150 cm	10
673082-000000	500 ml	2,000 ml	120 cm	10

EXCHANGE COLLECTOR FOR REF. 673081-000000 AND REF. 673082-000000

REF.	CAPACITY	QTY
673083-000000	2,000 ml	50

# RÜSCH U-BAG

CLOSED URINE DRAINAGE SYSTEMS WITH INTEGRATED 400 ML URINE MEASUREMENT CHAMBER  
LATEX-FREE, STERILE, FOR SINGLE USE

- ① **RIDGED UNIVERSAL CONNECTOR**  
with protective cap, suitable for all common catheters
- ② **FLAT NEEDLE-FREE URINE SAMPLING PORT**  
at the ridged universal connector
- ③ **FLEXIBLE AND KINK-RESISTANT TUBE**  
with sliding clamp and bed sheet clip
- ④ **ROBUST VELCRO BAND WITH D-RING**  
for secure fastening of the urine drainage system
- ⑤ **VENTED DRIP CHAMBER WITH INTEGRATED NON-REFLUX VALVE**  
interrupts the urine flow and prevents the reflux of urine and thus intraluminally ascending infections
- ⑥ **ADDITIONAL BACTERIA-PROOF AND LIQUID-TIGHT VENTILATION**  
at the urine measurement chamber and at the urine bag, for optimum pressure balance and reliable flow performance
- ⑦ **MOUNTED AND PIVOTED URINE MEASUREMENT CHAMBER**  
with a capacity of 400 ml (5 ml graduation)  
with integrated 50 ml measurement chamber for small amounts (1 ml graduation) and additional sampling port for fresh urine
- ⑧ **NON-DRIP BOTTOM OUTLET WITH ONE-HAND CLAMP**  
at the urine bag, for hygienic and fast emptying of the bag
- ⑨ **"DOGHOUSE" HOLDER TO FIX THE OUTLET TUBE**  
prevents contamination and achieves additional floor clearance

## U-BAG

REF.	CAPACITY	TUBE LENGTH	QTY
673064-000000	2,000 ml	120 cm	10
673065-000000	2,000 ml	150 cm	10





# RÜSCH TUR-BAG

CLOSED URINE DRAINAGE SYSTEM FOR POSTOPERATIVE IRRIGATION AND DRAINAGE OF THE BLADDER  
LATEX-FREE, STERILE, FOR SINGLE USE



The large capacity of 4,000 ml considerably reduces the emptying frequency, especially with irrigation after surgical interventions.

- ① **RIDGED UNIVERSAL CONNECTOR**  
with protective cap, suitable for all common catheters
- ② **FLAT NEEDLE-FREE URINE SAMPLING PORT**  
at the ridged universal connector  
(Ref. 673053-000000 is featured with a standard needle-free urine sampling port)
- ③ **FLEXIBLE AND KINK-RESISTANT TUBE WITHOUT BULB (REF. 673053-000000) OR WITH BULB (REF. 673054-000000)**  
with bed sheet clip and sliding clamp (Ref. 673054-000000 is featured with 2 sliding clamps)
- ④ **ROBUST DOUBLE HOOK WITH ADDITIONAL CORD**  
for secure fastening of the urine drainage system
- ⑤ **VENTED DRIP CHAMBER WITH INTEGRATED NON-REFLUX VALVE**  
interrupts the urine flow and prevents the reflux of urine and thus intraluminally ascending infections
- ⑥ **ADDITIONAL BACTERIA-PROOF AND LIQUID-TIGHT VENTILATION AT THE BAG**  
for optimum pressure balance in the bag and reliable flow performance
- ⑦ **CLEAR GRADUATION IN ML**
- ⑧ **NON-DRIP T-TAP OUTLET VALVE**  
for hygienic and fast emptying of the bag
- ⑨ **"DOGHOUSE" HOLDER TO FIX THE OUTLET TUBE**  
prevents contamination and achieves additional floor clearance

## TUR-BAG WITHOUT BULB

REF.	CAPACITY	TUBE LENGTH	QTY
673053-000000	4,000 ml	120 cm	20

## TUR-BAG WITH BULB

REF.	CAPACITY	TUBE LENGTH	QTY
673054-000000	4,000 ml	120 cm	10



## ACCESSORIES

### URINE COLLECTION BAGS TO EMPTY URINE DRAINAGE SYSTEMS AND FOR THE DISPOSAL OF URINE

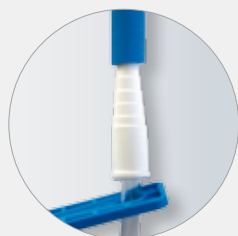
We can provide you with a clean and hygienic way of emptying urine drainage systems and disposing of urine.

The urine collection bags, which have been especially designed to empty urine drainage systems and dispose of their contents, can be connected directly to the outlet tube of the system. In this way you can avoid using open urine sampling containers and save the inevitable cleaning of the container after each usage.



Female connector

When being emptied, the urine drainage system forms a firm and closed unit with the urine collection bag. Possible contamination of the surrounding area due to spots of urine can thus be avoided.



Ridged universal connector

After emptying the urine drainage system the urine collection bag can be closed by means of the sliding clamp and then disposed of.

Thus the whole procedure has become safe and hygienic – an important contribution to infection prevention.



- 2,000 or 2,500 ml bag with ml graduation
- **ridged universal connector** with protective cap, suitable for all urine drainage systems with **elastic outlet tube** or **female connector**, suitable for urine drainage systems with **T-tap outlet valve**
- sliding clamp at the inlet tubing to close the bag
- latex-free
- for single use
- **non-sterile**

#### URINE COLLECTION BAG WITH RIDGED UNIVERSAL CONNECTOR

REF.	CAPACITY	QTY
673045-000000	2,000 ml	250

#### URINE COLLECTION BAG WITH FEMALE CONNECTOR

REF.	CAPACITY	QTY
673045-002000	2,000 ml	250
673045-002500	2,500 ml	25

*This urine collection bag ideally fits our closed urine drainage systems:*

*Preconnected (Ref. 171100), Rüsche S-Bag (Ref. 673044-000000), Rüsche P-Bag (Ref. 673052-000000) and Rüsche U-Bag (Ref. 673064-000000 & 673065-000000) as well as all other urine drainage systems with elastic outlet tubes.*

*These urine collection bags ideally fit our closed urine drainage systems:*

*Rüsche S-Bag A (Ref. 673049-000000), Rüsche S-Bag I (Ref. 673049-002500) and Rüsche closed urine meter systems (Ref. 673081-000000 & 673082-000000) as well as all other urine drainage systems with T-Tap outlet valve.*

## HOW YOU CAN CONTRIBUTE TO INFECTION PREVENTION

If the patient is not allergic to latex, a bladder catheter made of latex can be used for up to 5 days. For long-term drainage, however, we recommend a latex-free catheter made of silicone, e.g. our RÜSCH Brilliant balloon catheters of the AquaFlate Glycerine series.

For children, however, only material of highest quality should be applied. We therefore recommend always using catheters made of pure silicone in children, even for short-term drainage.

Always carry out catheterisation in an aseptic way, preferably with the aid of a catheterisation set (e.g. Ref. 187500).

Use only sterile closed urine drainage systems for urinary drainage.

With patients requiring intensive care, a closed urine drainage system with integrated urine meter should always be used, also because of diuresis balancing.

The urine drainage system should always be placed below bladder level.

Regular hygiene of the intimate areas is also an important prophylactic measure against infection.

Increased daily intake of liquid counteracts incrustation on bladder catheter and urine drainage system.

The urine drainage system should be emptied at regular intervals and in good time, before the urine comes into contact with the non-reflux valve.

Make sure the tube of the urine drainage system is never kinked. Use the enclosed sheet clip to properly fix the tube.

Urine drainage systems should be handled as little as possible; however, if necessary, always wear gloves. Before and after each handling of a urine drainage system, e.g. emptying it, hygienic disinfection of hands must be carried out.

The connection between bladder catheter and urine drainage system should not be disconnected unless for a good reason. If necessary, the connection site must be sufficiently disinfected with an alcohol-based disinfectant before reconnection.

Neither the bladder catheter nor the urine drainage system should be exchanged as a matter of routine. If urine drainage systems with exchange bags are used, the bag must be emptied or exchanged in good time, before the urine comes into contact with the non-reflux valve of the urine bag.

If, however, incrustation, obstruction or soiling occur, always replace both, the bladder catheter and the urine drainage system.

Teleflex is a leading global provider of specialty medical devices used for diagnostic and therapeutic procedures in critical care, urology and surgery. Our mission is to provide solutions that enable healthcare providers to improve outcomes and enhance patient and provider safety. We specialise in devices for general and regional anaesthesia, cardiac care, respiratory care, urology, vascular access and surgery and we serve healthcare providers in more than 150 countries. Teleflex also provides specialty products for medical device manufacturers.

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