



**Thoracic Catheter** Solutions

 **ATRIUM**

Improving Patient Outcomes



## INDICATION BY DESIGN

With millions of thoracic catheters sold worldwide, Atrium knows that one catheter does not necessarily fit all applications. Atrium's innovative Indication By Design platform sets a new bar for clinical performance, providing a full line of catheter products designed to meet the needs of the most challenging cardiac, thoracic, and pediatric patients. All Atrium thoracic catheters are Latex-free and DEHP-free.

Atrium offers a complete assortment of high-performance thoracic and mediastinal catheters tailored to suit your specific needs. Each catheter is crafted of quality materials, each upholding the Atrium commitment to patient safety and comfort.

Atrium also offers a variety of accessories to secure any size thoracic catheter to adult, pediatric or mobile chest drains.

Your Application. Your Choice.



**100% DEHP Free PVC  
Thermo-Conforming Chest Tubes**

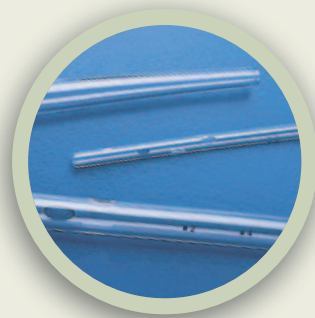
**High Tear Strength (HTS)  
Silicone Chest Tubes**

DEHP  
FREE

# Thermo-Conforming PVC Thoracic Catheters

Taper tip design allows faster, easier atraumatic insertion

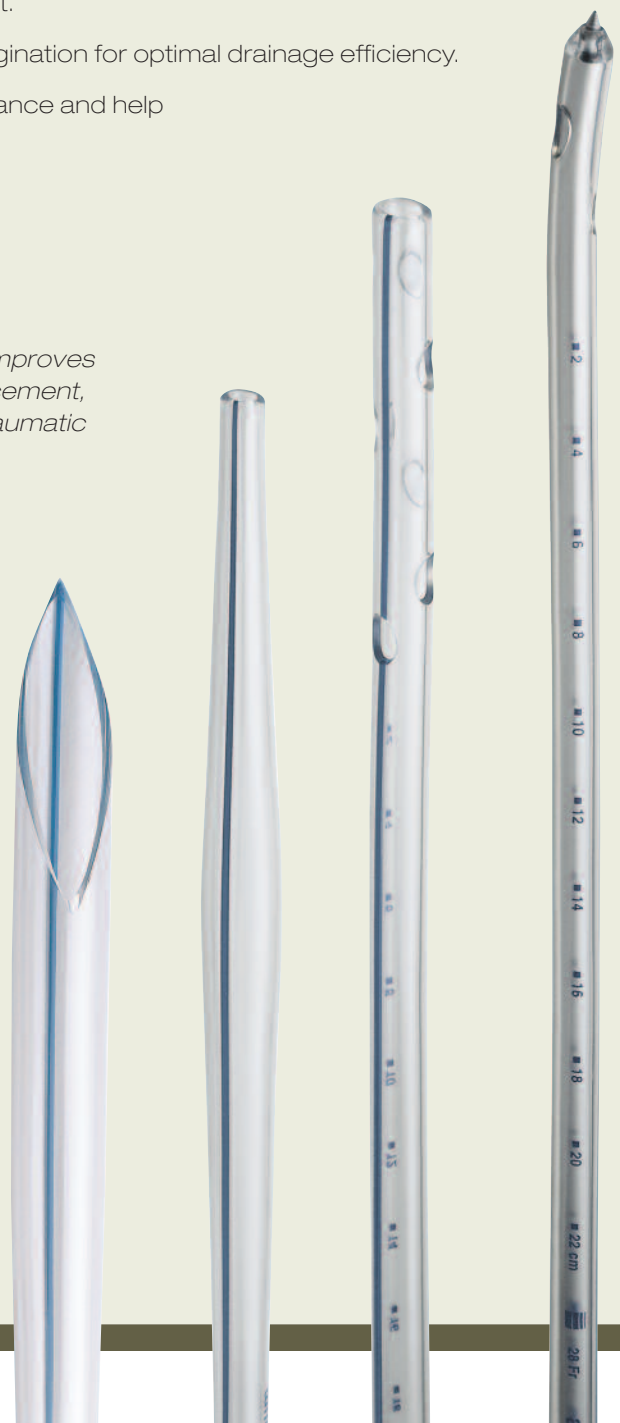
- Advanced tapered tip provides easy stab wound placement and fast, secure connection to chest drain tubing.
- Soft, kink-resistant, thermo-conforming PVC shape and contour to the anatomy for superior placement, comfort and improved drainage performance.
- 2 cm depth markings aid in accurate catheter placement.
- Gentle spiral hole configuration helps reduce tissue invagination for optimal drainage efficiency.
- Tapered oval drainage eyes maximize drainage performance and help prevent tissue damage and clot adhesion.
- Blue radiopaque stripe confirms placement upon X-ray.



*Advanced extrusion design improves patient comfort, surgical placement, and provides a preferred atraumatic insertion technique*

# Firm PVC Thoracic Catheters

- Open tip provides easy stab wound placement and fast, secure connection to chest drain tubing.
- Smooth, atraumatic tip allows faster, easier insertion.



# HTS Silicone Thoracic Catheters

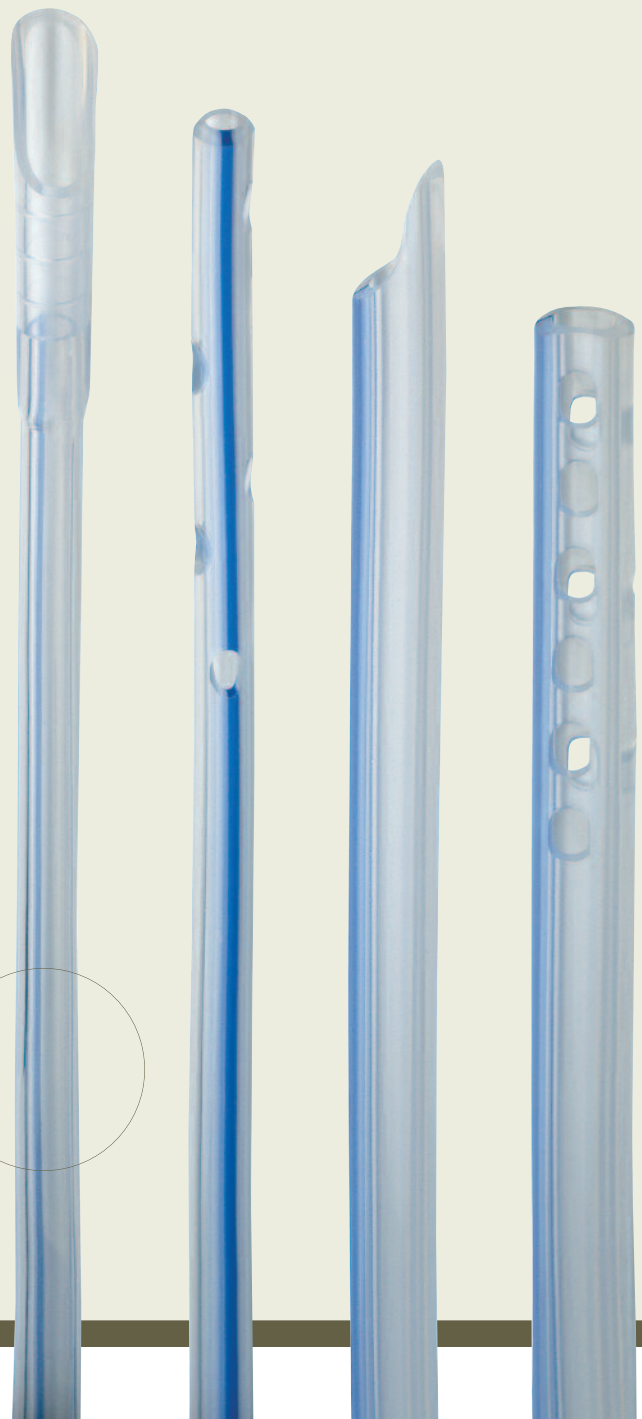
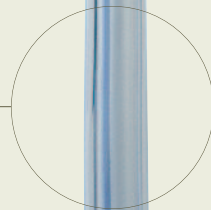
## Featuring high tear strength silicone

- Soft, kink-resistant silicone conforms easily to anatomy for improved patient comfort.
- Clear, premium quality silicone provides enhanced drainage visibility.
- Blue radiopaque stripe confirms catheter placement upon X-ray.
- Advanced tapered tip provides easy stab wound placement and fast, secure connection to chest drain tubing.
- Complete line of products.

# HTS Silicone Mediastinal Catheters

- Low profile design conforms to the anatomy of the mediastinal cavity.
- Choice of eyelet configurations for optimal drainage performance.

*Superior strength  
reduces risk of  
tearing or breaking*

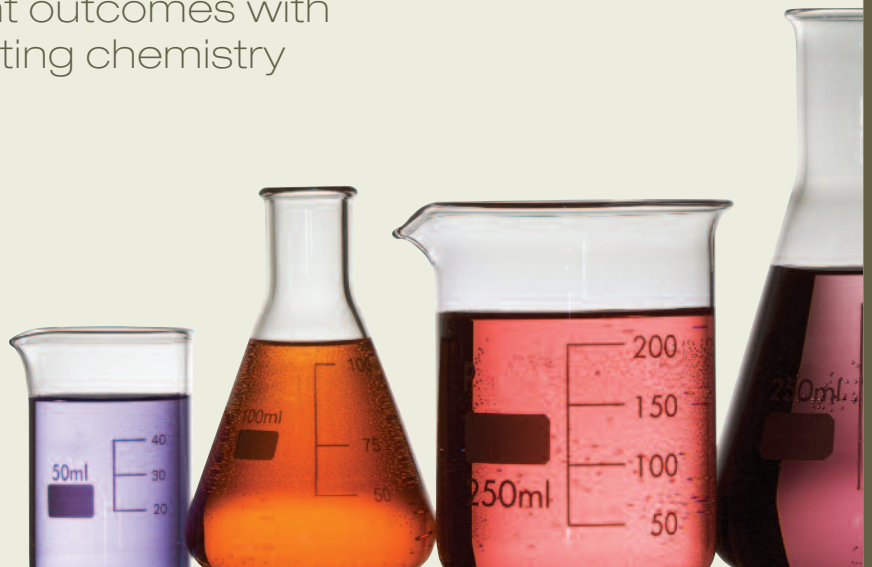



# HydraGlide™ Coating Technology

Atrium's novel HydraGlide coated catheters are processed with a state-of-the-art drug delivery surface. Atrium HydraGlide catheters contain a permanent, covalently bonded Heparin complex to inhibit clot formation for superior drainage performance. Its unique surface chemistry exhibits an extraordinary low coefficient of friction to enhance patient comfort and help to reduce adherent clot formation. Coupled with a more desirable resistance to microbial growth, these advanced drainage catheters can offer a truly significant advance in the clinical outcome of any thoracic drainage patient.

When it comes to uninterrupted patient drainage for either cardiac, thoracic or trauma applications, Atrium's complete family of HydraGlide coated PVC & silicone catheters provide a superior alternative to today's catheter offerings.

Improving patient outcomes with  
advances in coating chemistry





# HydraGlide™ Coated Thoracic Catheters

Available in Thermo-Conforming PVC  
and Silicone configurations

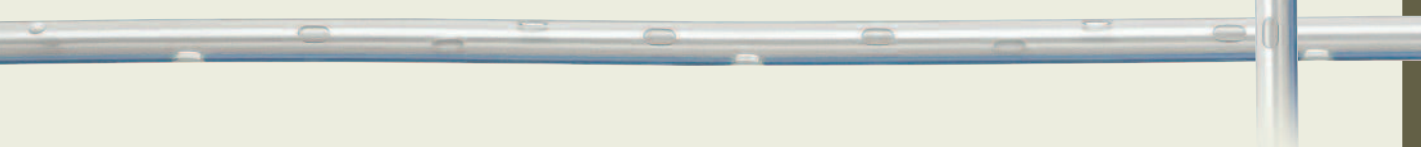
- Proprietary HydraGlide™ coating features a covalently bonded Heparin complex which reduces adherent clot formation in and around the catheter for superior drainage performance.
- Hydrophilic surface coating with its low coefficient of friction enhances patient comfort, particularly upon tube removal.
- Designed specifically for cardiac and thoracic drainage applications.



# HydraGlide™ XL Coated Thoracic Catheters

Featuring Low Profile, Extended Length Silicone Chest Tube

- Extended length catheter with 15-18 eyelets for maximum drainage efficiency.
- Lower profile 20Fr and 24Fr sizes.
- Hydrophilic surface coating for enhanced patient comfort.
- Proven single lumen design drains more than twice the amount of fluid compared to similar size multi-channel wound drains.
- Croppable to reduce length, if required.



**Warning:** This product contains a permanent, covalently bonded Heparin complex to inhibit clot formation. It is now known that selected patients may be sensitive to Heparin exposure following prior Heparin usage. Patients must be screened for Heparin induced thrombocytopenia (HIT) prior to use of this device. **Do not use this device if any patient is known to be sensitive to Heparin or is suspected of HIT at any time.**

\*Test data on file at Atrium

## Thermo-Conforming PVC Taper -Tip

### Straight Catheter

Size (Fr)	Description	Length	# Eyelets	Code #
8	Straight	.8"	2	8008
10	Straight	.8"	2	8010
12	Straight	.16"	4	8012
16	Straight	.16"	4	8016
20	Straight	.22"	4	8020
24	Straight	.22"	5	8024
28	Straight	.23"	6	8028
32	Straight	.23"	6	8032
36	Straight	.23"	6	8036
40	Straight	.23"	6	8040

### Right Angle Catheter

Size (Fr)	Description	Length	# Eyelets	Code #
12	Right Angle	.16"	4	8112
16	Right Angle	.16"	4	8116
20	Right Angle	.22"	4	8120
24	Right Angle	.22"	4	8124
28	Right Angle	.23"	5	8128
32	Right Angle	.23"	5	8132
36	Right Angle	.23"	5	8136
40	Right Angle	.23"	5	8140

### Trocar Catheter - Includes Tapered Stylet

Size (Fr)	Description	Length	# Eyelets	Code #
8	Trocar	.8"	2	8408
10	Trocar	.8"	2	8410
12	Trocar	.9"	2	8412
16	Trocar	.10"	2	8416
20	Trocar	.16"	2	8420
24	Trocar	.16"	2	8424
28	Trocar	.16"	2	8428
32	Trocar	.16"	2	8432

## HydraGlide™ Coated PVC Taper-Tip

### Straight Catheter

Size (Fr)	Description	Length	# Eyelets	Code #
8	Straight	.8"	2	9008
10	Straight	.8"	2	9010
12	Straight	.16"	4	9012
16	Straight	.16"	4	9016
20	Straight	.22"	4	9020
24	Straight	.22"	5	9024
28	Straight	.23"	6	9028
32	Straight	.23"	6	9032
36	Straight	.23"	6	9036
40	Straight	.23"	6	9040

### Right Angle Catheter

Size (Fr)	Description	Length	# Eyelets	Code #
12	Right Angle	.16"	4	9112
16	Right Angle	.16"	4	9116
20	Right Angle	.22"	4	9120
24	Right Angle	.22"	4	9124
28	Right Angle	.23"	5	9128
32	Right Angle	.23"	5	9132
36	Right Angle	.23"	5	9136
40	Right Angle	.23"	5	9140

### Trocar Catheter Includes Tapered Stylet

Size (Fr)	Description	Length	# Eyelets	Code #
8	Trocar	.8"	2	9408
10	Trocar	.8"	2	9410
12	Trocar	.9"	2	9412
16	Trocar	.10"	2	9416
20	Trocar	.16"	2	9420
24	Trocar	.16"	2	9424
28	Trocar	.16"	2	9428
32	Trocar	.16"	2	9432



Atrium PVC and silicone thoracic and mediastinal chest tube catheters are packaged sterile 1 per pouch, 10 pouches per case. Sterile, Non-Pyrogenic. Federal (USA) law restricts this device to sale to by or on the order of a physician. 100% latex free, 100% DEHP free. © Atrium Medical Corporation 2011. All Rights Reserved. Printed in U.S.A. 9/11 Part #0506. Atrium and HydraGlide are trademarks of Atrium Medical Corporation.

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## Firm PVC Thoracic Catheters

### Straight Catheter

Size (Fr)	Description	Length	# Eyelets	Code #
12	Straight	.14"	4	15012
16	Straight	.14"	4	15016
20	Straight	.19"	4	15020
24	Straight	.19"	5	15024
28	Straight	.20"	6	15028
32	Straight	.20"	6	15032
36	Straight	.20"	6	15036
40	Straight	.20"	6	15040

### Right Angle Catheter

Size (Fr)	Description	Length	# Eyelets	Code #
12	Right Angle	.14"	4	15212
16	Right Angle	.14"	4	15216
20	Right Angle	.19"	4	15220
24	Right Angle	.19"	4	15224
28	Right Angle	.20"	5	15228
32	Right Angle	.20"	5	15232
36	Right Angle	.20"	5	15236
40	Right Angle	.20"	5	15240

## Silicone Thoracic Catheters

### Straight Catheter

Size (Fr)	Description	Length	# Eyelets	Code #
16	Straight	.20"	4	14016
20	Straight	.20"	5	14020
24	Straight	.20"	6	14024
28	Straight	.20"	6	14028
33	Straight	.20"	6	14032
36	Straight	.20"	6	14036

### Right Angle Catheter

Size (Fr)	Description	Length	# Eyelets	Code #
16	Right Angle	.20"	4	14216
20	Right Angle	.21"	5	14220
24	Right Angle	.21"	6	14224
28	Right Angle	.21"	6	14228
32	Right Angle	.21"	6	14232
36	Right Angle	.21"	6	14236

### Mediastinal Catheter

Size	Description	Length	# Eyelets	Code #
7mm	Mediastinal, Eyes-Top & Bottom	.20"	6	14407
9mm	Mediastinal, Eyes-Top & Bottom	.20"	9	14409
11mm	Mediastinal, Eyes-Top & Bottom	.20"	9	14411
7mm	Mediastinal, Eyes on Top	.20"	4	14607
9mm	Mediastinal, Eyes on Top	.20"	6	14609
7mm	Mediastinal, Eyes on Bottom	.20"	5	14807
9mm	Mediastinal, Eyes on Bottom	.20"	5	14809

## HydraGlide™ Coated Silicone Thoracic Catheters

### Straight Catheter

Size (Fr)	Description	Length	# Eyelets	Code #
16	Straight	.20"	4	14116
20	Straight	.20"	5	14120
24	Straight	.20"	6	14124
28	Straight	.20"	6	14128
32	Straight	.20"	6	14132
36	Straight	.20"	6	14136

### Mediastinal Catheter

Size	Description	Length	# Eyelets	Code #
7mm	Mediastinal Catheter Eyes-Top & Bottom	.20"	6	14507
9mm	Mediastinal Catheter Eyes-Top & Bottom	.20"	9	14509
7mm	Mediastinal Catheter Eyes on Top	.20"	4	14707
9mm	Mediastinal Catheter Eyes on Top	.20"	6	14709
7mm	Mediastinal Catheter Eyes on Sides	.20"	5	14907
9mm	Mediastinal Catheter Eyes on Sides	.20"	5	14909

## HydraGlide XL™ Coated Silicone Thoracic Catheters

### Straight Catheter

Size (Fr)	Description	Length	# Eyelets	Code #
20	Extended Length - Straight	.26"	15	14720
24	Extended Length - Straight	.26"	18	14724