

StreamLiner™ Series



PTFE Sub-Lite-Wall® StreamLiner™ XT and VT

OVERVIEW

Our new PTFE Sub-Lite-Wall® StreamLiner™ series is the latest breakthrough in our already best-in-class catheter liner wall thickness. The StreamLiner™ series was developed leveraging over 50 years of industry-leading experience in state-of-the-art polymer extrusion development and manufacturing.

Sub-Lite-Wall® tubing is our family of extremely thin walled extrusions with wall thicknesses 0.005" (0.127 mm) and below. This product line enables even greater advancements in catheter design aimed at improving patient care and clinical outcomes.

- StreamLiner™ XT is our first offering in the StreamLiner™ series featuring an impressive maximum wall thickness of 0.00075" (0.01905 mm)
- StreamLiner™ VT is slightly larger and provides a maximum wall thickness of 0.001" (0.025mm)

With our LoPro™ Technology* and the thinnest walls in the industry, the Sub-Lite-Wall® StreamLiner™ series allows engineers to increase the catheter lumen while also effectively lowering the overall profile of the device. What's more, as free extrusions, StreamLiner™ XT and VT afford a stronger and more robust catheter liner with reduced deployment force within the lumen compared to liners made using a film cast process.



Our PTFE StreamLiner™ series brings with it all of the same functional properties of its predecessors for seamless acceptance. These combined features enable device engineers to explore more advanced designs for microcatheters and endovascular delivery systems. Ask a representative about these exciting additions to our portfolio of design options for next-generation minimally invasive procedures.



COEFFICIENT OF FRICTION



BIOCOMPATIBLE



CONTINUOUS SERVICE TEMP

APPLICATIONS

- Catheter liners
 - Micro
 - Guiding
 - Support
 - Delivery
 - Diagnostic
 - Ablation
 - Angioplasty
 - Atherectomy
 - Intermediate

CAPABILITIES AND SIZING

- XT = 0.00075" max wall
- XT = ID 0.004" - 0.040"
- VT = 0.001" max wall
- VT = ID 0.004" - 0.120"
- Etching (for enhanced bonding)
 - In-line OD etch, custom tip etch

KEY PROPERTIES

- Customizable mechanical properties
 - Tensile strength
 - Elongation
- Thinnest extruded liners
- Highly lubricious
- Improved flexibility
- Working temperature ranges from -328 to 500 °F (-200 to 260 °C)

*LoPro™ Technology features our proprietary technology and processing techniques that combine over 50 years of experience customizing our extrusion machines and state-of-the-art polymer manufacturing processes to achieve ultra-thin extruded components.



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INFORMATION OF NOTE

STREAMLINER™ SERIES AVAILABLE SAMPLES

Series Identity	OPN	ID +/- 0.0005"	ID +/- 0.001"	ID +/- 0.0127	ID +/- 0.0254	Max Wall	Max Wall	Cut Length	Cut Length +5.08/-0
		in.		mm		in.	mm	in.	cm
XT	217526	0.017"		0.4318		0.00075"	0.01905	72"+2"/-0"	182.88
XT	217527	0.020"		0.508		0.00075"	0.01905	72"+2"/-0"	182.88
XT	217521	0.0245"		0.6223		0.00075"	0.01905	72"+2"/-0"	182.88
XT	217524	0.0305"		0.7747		0.00075"	0.01905	72"+2"/-0"	182.88
XT	217519	0.040"		1.016		0.00075"	0.01905	72"+2"/-0"	182.88
VT	221657	0.015"		0.381		0.001"	0.0254	72"+2"/-0"	182.88
VT	221655	0.020"		0.508		0.001"	0.0254	72"+2"/-0"	182.88
VT	221660	0.030"		0.762		0.001"	0.0254	72"+2"/-0"	152.4
VT	221642	0.035"		0.889		0.001"	0.0254	60"+2"/-0"	152.4
VT	221640	0.045"		1.143		0.001"	0.0254	60"+2"/-0"	152.4
VT	221661	0.050"		1.27		0.001"	0.0254	60"+2"/-0"	152.4
VT	221662	0.055"		1.397		0.001"	0.0254	60"+2"/-0"	152.4
VT	221652	0.060"		1.524		0.001"	0.0254	60"+2"/-0"	152.4
VT	221663	0.065"		1.651		0.001"	0.0254	60"+2"/-0"	152.4
VT	221665	0.075"		1.905		0.001"	0.0254	60"+2"/-0"	152.4
VT	221646	0.085"		2.159		0.001"	0.0254	60"+2"/-0"	152.4
VT	221651	0.095"		2.413		0.001"	0.0254	60"+2"/-0"	152.4
VT	221648	0.100"		2.54		0.001"	0.0254	60"+2"/-0"	152.4
VT	221634		0.105"		2.67	0.001"	0.0254	60"+2"/-0"	152.4
VT	221631		0.115"		2.92	0.001"	0.0254	60"+2"/-0"	152.4
VT	221629		0.120"		3.05	0.001"	0.0254	60"+2"/-0"	152.4