



Angiographic Catheter

ISO 9001 & ISO 13485

A surgically invasive device intended for transient use, specifically to assist in the diagnosis of a defect of the heart or of the central circulatory system through direct contact with these parts of the body. Specifically, the catheter is intended to be used for the delivery of radiopaque contrast media to selected sites. The catheter assembly is manufactured from a variety of resins and an encapsulated stainless steel wire braid providing torque, control and strength allowing injection pressures of up to

1200 psi. The assembly features a softer distal portion and may be easily formed into a wide variety of curves to facilitate use in the vasculature.

Assembly Design:

Allows for easy curve setting – tapering and perfusion port forming when required

Standard French sizes:

Providing ease of use with a wide variety of sheath introducers

Encapsulated stainless steel wire braid:

Providing kink resistance, super torque and increased burst strength during power injections

Manufacturing process:

Providing reliability, super smooth surface and ease of use with introducer

Catheter Curve Setting Technology:

Comes from years of experience and multiple doctors' feedback:

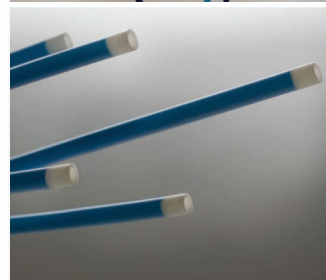
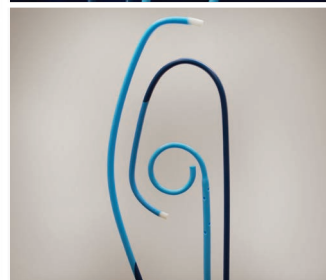
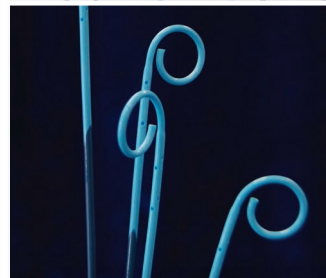
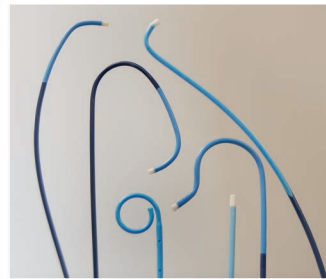
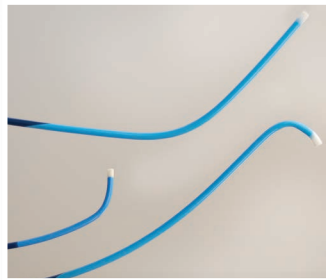
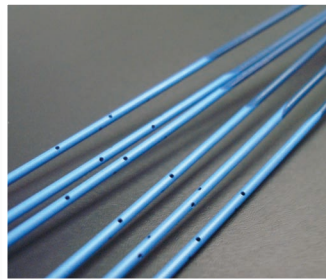
- Proprietary processing
- Perfusion ports as necessary
- Detailed drawings and curve forms for 35 common curves for 4, 5, and 6F available on our website at: Angiographic Catheters
- Custom curve shaping

Exceptional flow rates:

Ease of injection due to large lumen and selected materials

Variable resins:

Utilized allowing for variable stiffness, great pushability, injection



Optimal use of unique resins, radiopaque fillers, and braid wire suitable for medial use provides:

- Superior pushability
- Excellent torque control
- Ease of curve placement
- Outstanding curve retention
- Kink resistance
- Injection stability
- Optimal back-out resistance
- Smooth lumens
- High pressure
- Excellent catheter visualization

Precision Extrusion, Inc. of Glens Falls, New York, is a leader in the manufacturing of high quality thermoplastic tubing and catheters for the medical industry.

With over 20 years experience in the medical device industry, PEI is committed to unsurpassed quality control, ongoing investments in technology and state-of-the-art equipment, with excellent customer service.

At PEI, precision, performance, and perfection really do matter.

Precision Extrusion, Inc.

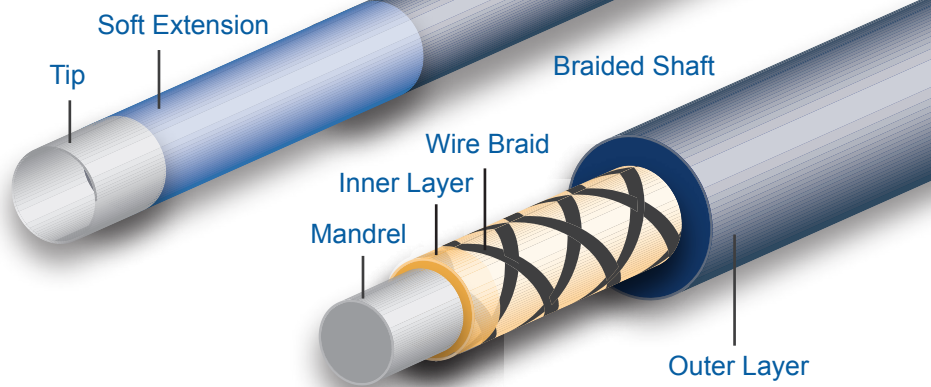
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Our angiographic catheter technology comes from years of experience and multiple doctors' feedback. Please visit our website for more information, catheter curve listings and detailed drawings of our catheters.

www.precisionextrusion.com



PEI Angiography Catheter Specifications - Select

Size	4FR Select	5FR Select	6FR Select
ID Shaft (Braided Section) (+/-0 .001")	0.0420"	0.0465"	0.0565"
ID Soft Ext/Tip Select I & II (+/-0 .001")	0.0420"	0.0465"	0.0565"
OD Shaft/Soft Ext/Tip - Select I & II (+/-0 .0010"-0.0015")	0.0540"	0.0660"	0.0790"
Length Soft Ext - Select I (+/- 2mm)	28mm	35mm	35mm
Length Soft Ext - Select II (+/- 2mm)	75mm	80mm	80mm
Length Tip - Select I & II (+/- 0.5mm)	2mm	2mm	2mm
Welded Shaft Length Total (+/-4cm)	104cm	104cm	104cm
Braided Shaft Length (+/- cm) - Select I & II	101/96.3cm	100.3/95.8cm	100.3/95.8cm

PEI Angiography Catheter Specifications - Pigtail

Size	4FR Pigtail	5FR Pigtail	6FR Pigtail
ID Shaft (Braided Section) (+/-0.001")	0.0420"	0.0465"	0.0540"
ID Soft Ext non-tapered section +/- 0 .001"	0.0420"	0.0465"	0.0520"
OD Soft Ext non-tapered +/-0 .0010"-0.0015" section	0.0540"	0.0660"	0.0790"
ID Soft Ext tapered (+/-0.002") section	not tapered	0.0430"	0.0440"
OD Soft Ext Tapered (+/-0.002") Section	not tapered	0.0600"	0.0630"
Length Tapered Portion (+/-2mm)	not tapered	45mm	48mm
Length Overall Pigtail Soft Ext (+/-2mm)	75mm	80mm	80mm
Welded Shaft Length Total (+1/-1.5cm)	111.5cm	111.5cm	111.5cm
Braided Shaft Length (+/- cm)	104cm	103.5cm	103.5cm

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