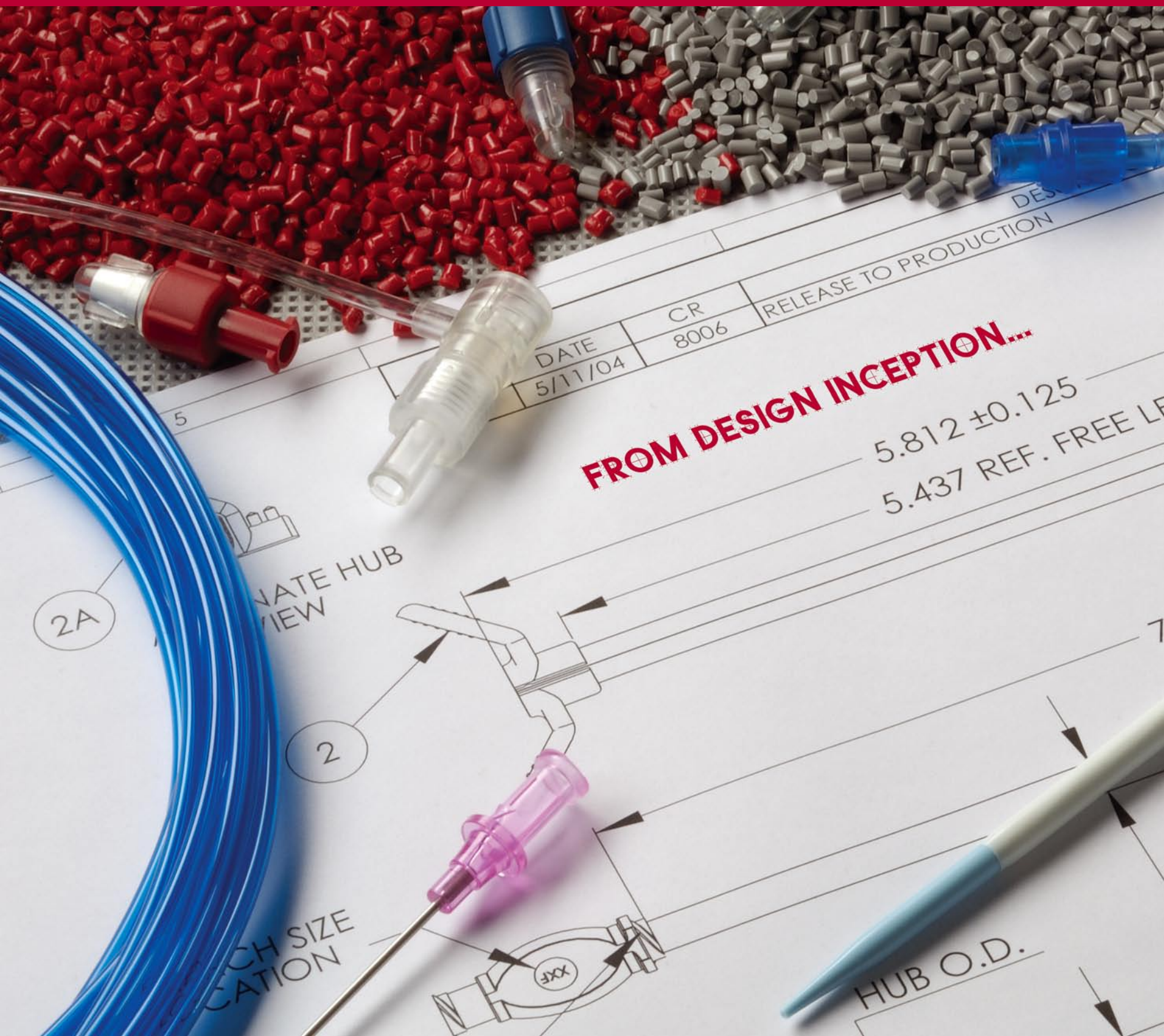




www.martechmedical.com

MEDICAL DEVICE DEVELOPMENT AND MANUFACTURING



FROM DESIGN INCEPTION...

5.812 ±0.125

5.437 REF. FREE LF

NATE HUB
VIEW

2

2A

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ICATION

3XX

HUB O.D.

MARTECH® WORKS FOR YOU.

- RESEARCH AND DEVELOPMENT
- TOOL DESIGN & FABRICATION
- EXTRUSION
- MOLDED COMPONENTS
- TIPPING
- ASSEMBLY



...THROUGH PRODUCT COMPLETION.

TABLE OF CONTENTS

MEDICAL DEVICE DEVELOPMENT AND MANUFACTURING

01	INTRODUCTION	
	Martech® Medical Overview	01
	Custom Projects	03
04	SECTION 1 - CAPABILITIES	
	Research & Development	06
	Tool Design & Fabrication	07
	Extrusion	08
	Molding	09
	Tipping	10
	Assembly	11
12	SECTION 2 - NEEDLES / OTN	
	Super Sharp	14
	Standard Introducer Needles	15
	Introducer with Base Plate	16
	Tearaway OTN	17
	OTN Catheters	18
	Protectors	18
20	SECTION 3 DILATORS & TEARAWAYS	
	Teflon Tearaways	22
	Straight Wing Tearaways	22
	Grip Lock Tearaways	23
	Standard Introducer Sets	23
	Dilators	24
26	SECTION 4 MOLDED COMPONENTS	
	Male Adapters	28
	"T" Adapters	29
	"Y" Adapters	29
	Swivel Adapters	30
	Swivels	31
	Female Luers	32
	Caps & Plugs	34
	Clamps & ID Rings	36
	Guidewire Accessories	37
	Suture Wings	39

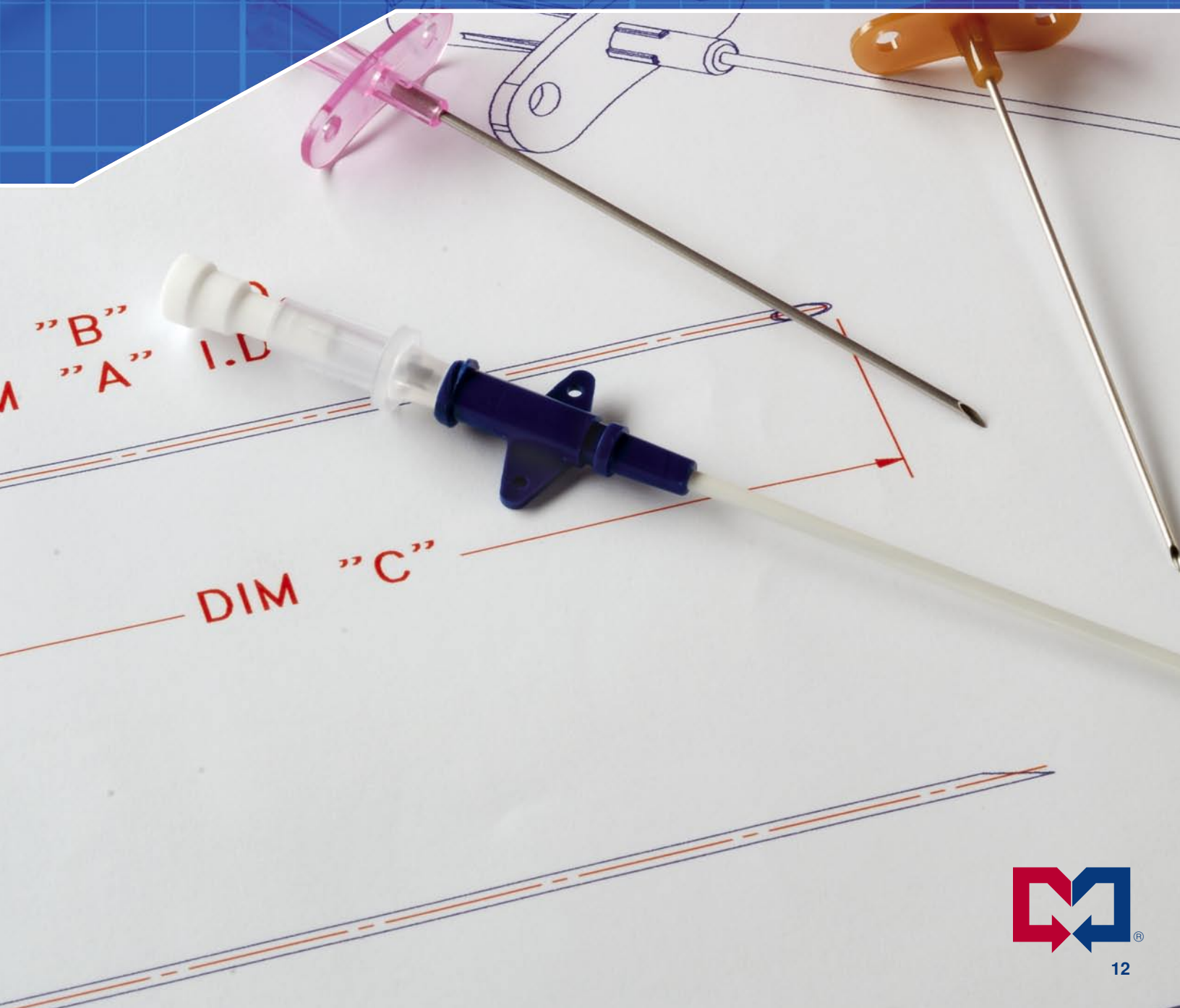
42	SECTION 5 MONITORING LINES	
	Standard Pressure Monitoring Lines	44
	Low Pressure Monitoring Lines	44
	Low Pressure Roentgenography	45
	High Pressure Roentgenography	45
46	SECTION 6 - VALVED PRODUCTS	
	Hemostasis Sets	48
	Pediatric Touhy Borst Adapters	49
	Pediatric TBA Bodies	49
	Pediatric TBA Caps	50
	Pediatric TBA Gaskets	50
	Touhy Borst Adapters	51
	TBA Bodies	52
	TBA Caps	52
	TBA Gaskets	53
54	SECTION 7 - MACHINED DEVICES	
	Trocars/Tunnelers	56
	Sleeves	57
58	SECTION 8 - EXTRUSION	
	Extrusion Worksheet	60
62	SECTION 9 FINISHED CATHETERS	
	Polyurethane CVC	64
	Long Term Silicone CVC	66
	Short Term Polyurethane	67
	Short Term Silicone	69
	PICC Line	70



ITEM	QTY
1	1
2	1

SECTION TWO

NEEDLES / OTN





SECTION TWO

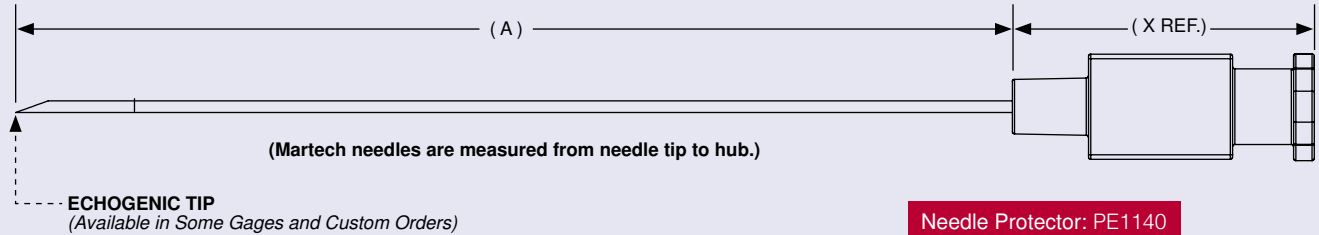
NEEDLES / OTN

NEEDLES / OTN

Martech® Medical's full line of introducer and biopsy needles allow for easy, less traumatic insertions, minimizing damage and blood loss. Stringent in-house testing, 3 times the ISO standards, ensure no cracking or distortion, while maintaining super sharp tips in a variety of configurations. Martech's needle program offers a broad range of hub configurations, needle lengths and tips for enhanced accuracy and control.

• <i>Super Sharp</i>	14
• <i>Standard Introducer</i>	15
• <i>Introducer with Base Plate</i>	16
• <i>Tearaway Over The Needle</i>	17
• <i>Over The Needle</i>	18
• <i>Needle Protectors</i>	18
• <i>OTN Catheter Protectors</i>	18

SUPER SHARP NEEDLES



ORDERING INFORMATION

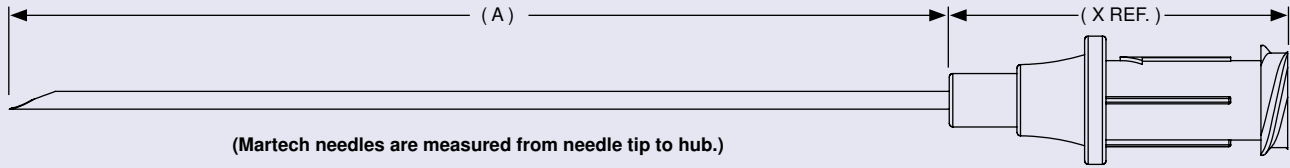
Part Number	Diameter	Thickness	(A) *2 Length	Hub Color / Material	Guidewire	Echo Tip
AC1845TW	18GA	TW	2.75"	Pink Polypropylene	.035"	No
AC1845ETW	18GA	ETW	2.75"	Pink Polypropylene	.038"	No
AC1845UTW	18GA	UTW	2.75"	Pink Polypropylene	.038"	No
AC1846TW	19GA	TW	2.75"	Brown Polypropylene	.025"	No
AC1846ETW	19GA	ETW	2.75"	Brown Polypropylene	.032"	No
AC1846UTW	19GA	UTW	2.75"	Brown Polypropylene	.032"	No
AC1847TW	20GA	TW	2.75"	Yellow Polypropylene	.018"	No
AC1847ETW	20GA	ETW	2.75"	Yellow Polypropylene	.025"	No
AC1847UTW	20GA	UTW	2.75"	Yellow Polypropylene	.025"	No
AC1877TW	21GA	TW	2.75"	Green Polypropylene	.018"	No
AC1877ETW	21GA	ETW	2.75"	Green Polypropylene	.018"	No
AC1877UTW	21GA	UTW	2.75"	Green Polypropylene	.018"	No
AC1878TW	18GA	TW	2.75"	Pink Polypropylene	.035"	Yes
AC1878ETW	18GA	ETW	2.75"	Pink Polypropylene	.038"	Yes
AC1878UTW	18GA	UTW	2.75"	Pink Polypropylene	.038"	Yes
AC1879TW	19GA	TW	2.75"	Brown Polypropylene	.025"	Yes
AC1879ETW	19GA	ETW	2.75"	Brown Polypropylene	.032"	Yes
AC1879UTW	19GA	UTW	2.75"	Brown Polypropylene	.032"	Yes
AC1866TW	20GA	TW	2.75"	Yellow Polypropylene	.018"	Yes
AC1866ETW	20GA	ETW	2.75"	Yellow Polypropylene	.025"	Yes
AC1866UTW	20GA	UTW	2.75"	Yellow Polypropylene	.025"	Yes
AC1849TW	21GA	TW	2.75"	Green Polypropylene	.018"	Yes
AC1849ETW	21GA	ETW	2.75"	Green Polypropylene	.018"	Yes
AC1849UTW	21GA	UTW	2.75"	Green Polypropylene	.018"	Yes

*2. NEEDLES CAN BE CUSTOMIZED TO DESIRED LENGTH.

TECHTIP

Needles Can Be *Customized* to Desired Length.

STANDARD INTRODUCER NEEDLES

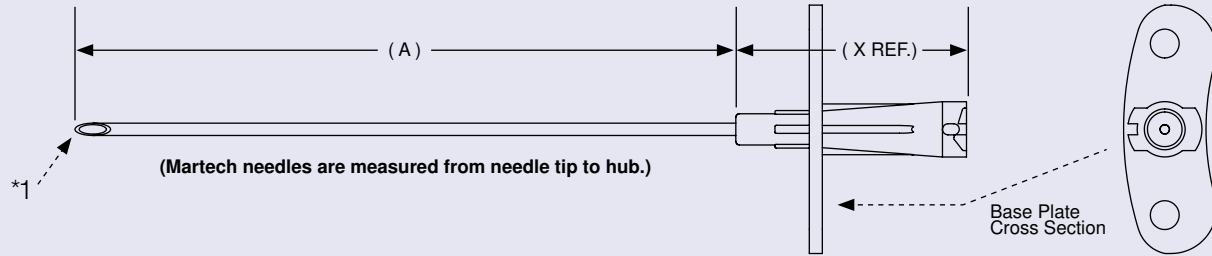


ORDERING INFORMATION

Part Number	Diameter	Thickness	(A) ^{*2} Length	Hub Color/Material	Protector	Guidewire
AC1830C	18GA	ETW	2.75"	Pink Cyrolite	PE1140	.035"
AC1830TW	18GA	TW	2.75"	Pink Cyrolite Med 2	PE1140	.035"
AC1829	18GA	ETW	2.50"	Pink Polystyrene	PPO1772	.038"
AC1829C	18GA	ETW	2.50"	Pink Cyrolite	PPO1772	.038"
AC1830	18GA	ETW	2.75"	Pink Polystyrene	PE1140	.038"
AC1860	18GA	ETW	3.75"	Pink Polystyrene	PE1140A	.038"
*AC1855	18GA	ETW	2.75"	Pink Polystyrene	PE1140	.038"
AC1830UTW	18GA	UTW	2.75"	Pink Cyrolite Med 2	PE1140	.038"
AC1858TW	19GA	TW	2.75"	Brown Cyrolite Med 2	PE1140	.025"
AC1858ETW	19GA	ETW	2.75"	Brown Cyrolite Med 2	PE1140	.032"
AC1858UTW	19GA	UTW	2.75"	Brown Cyrolite Med 2	PE1140	.032"
AC1859TW	20GA	TW	2.75"	Yellow Cyrolite Med 2	PE1140	.018"
AC1859ETW	20GA	ETW	2.75"	Yellow Cyrolite Med 2	PE1140	.025"
AC1859UTW	20GA	UTW	2.75"	Yellow Cyrolite Med 2	PE1140	.025"
AC1862TW	21GA	TW	2.75"	Green Cyrolite Med 2	PE1140	.018"
AC1862ETW	21GA	ETW	2.75"	Green Cyrolite Med 2	PE1140	.018"
*AC1856	21GA	ETW	2.75"	Red Polystyrene	PE1140	.018"
AC1862UTW	21GA	UTW	2.75"	Green Cyrolite Med 2	PE1140	.018"
AC1867TW	18GA	TW	1.50"	Pink Cyrolite Med 2	PE1140B	.035"
AC1867ETW	18GA	ETW	1.50"	Pink Cyrolite Med 2	PE1140B	.038"
AC1868TW	19GA	TW	1.50"	Brown Cyrolite Med 2	PE1140B	.025"
AC1868ETW	19GA	ETW	1.50"	Brown Cyrolite Med 2	PE1140B	.032"
AC1868UTW	19GA	UTW	1.50"	Brown Cyrolite Med 2	PE1140B	.032"
AC1869TW	20GA	TW	1.50"	Yellow Cyrolite Med 2	PE1140B	.018"
AC1872TW	21GA	TW	1.50"	Green Cyrolite Med 2	PE1140B	.018"

*AC1855 AND AC1856 AVAILABLE WITH ECHOGENIC TIP

INTRODUCER NEEDLES WITH BASE PLATE



ORDERING INFORMATION

Part Number	Diameter	Thickness	Length ^{*2}	Hub Color/Material	Protector	Guidewire
AC1854TW	18GA	TW	2.75"	Pink Cyrolite Med 2	PE1190	.035"
AC1854ETW	18GA	ETW	2.75"	Pink Cyrolite Med 2	PE1190	.038"
AC1854UTW	18GA	UTW	2.75"	Pink Cyrolite Med 2	PE1190	.038"
AC1853TW	19GA	TW	2.75"	Brown Cyrolite Med 2	PE1190	.025"
AC1853ETW	19GA	ETW	2.75"	Brown Cyrolite Med 2	PE1190	.032"
AC1853UTW	19GA	UTW	2.75"	Brown Cyrolite Med 2	PE1190	.032"
AC1852TW	20GA	TW	2.75"	Yellow Cyrolite Med 2	PE1190	.018"
AC1852ETW	20GA	ETW	2.75"	Yellow Cyrolite Med 2	PE1190	.025"
AC1852UTW	20GA	UTW	2.75"	Yellow Cyrolite Med 2	PE1190	.025"
AC1861TW	21GA	TW	2.75"	Green Cyrolite Med 2	PE1190	.018"
AC1861ETW	21GA	ETW	2.75"	Green Cyrolite Med 2	PE1190	.018"
AC1861UTW	21GA	UTW	2.75"	Green Cyrolite Med 2	PE1190	.018"
AC1873TW	18GA	TW	1.50"	Pink Cyrolite Med 2	PE1190A	.035"
AC1873ETW	18GA	ETW	1.50"	Pink Cyrolite Med 2	PE1190A	.038"
AC1874TW	19GA	TW	1.50"	Brown Cyrolite Med 2	PE1190A	.025"
AC1874ETW	19GA	ETW	1.50"	Brown Cyrolite Med 2	PE1190A	.032"
AC1874UTW	19GA	UTW	1.50"	Brown Cyrolite Med 2	PE1190A	.032"
AC1875TW	20GA	TW	1.50"	Yellow Cyrolite Med 2	PE1190A	.018"
AC1876TW	21GA	TW	1.50"	Green Cyrolite Med 2	PE1190A	.018"

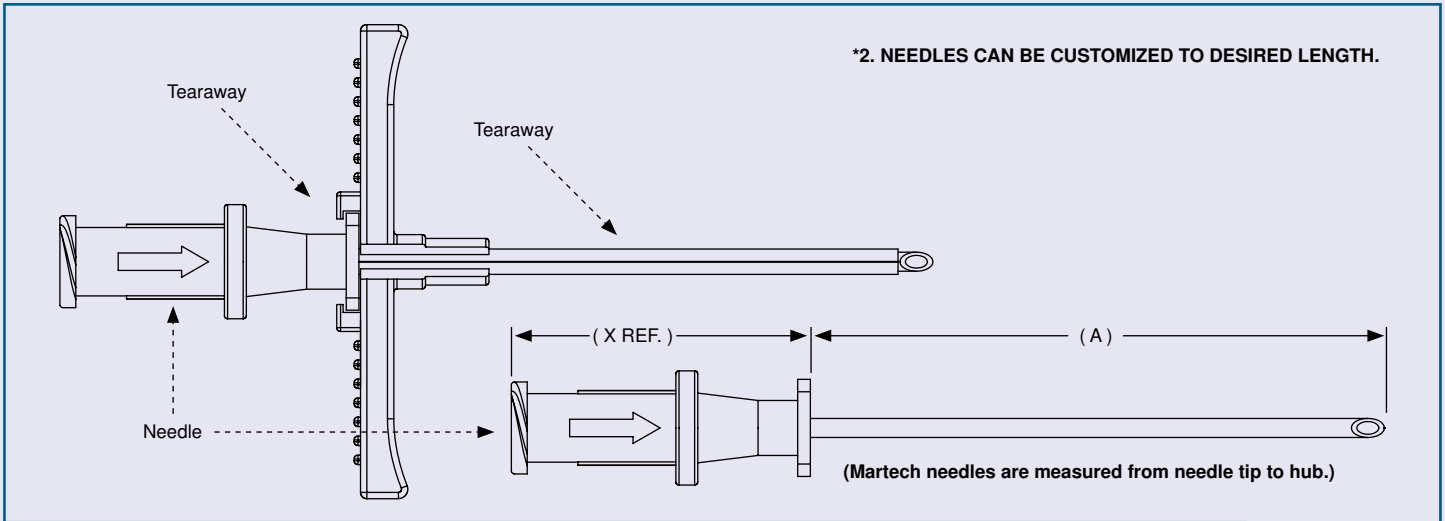
*1. ECHOGENIC TIP AVAILABLE ON CUSTOM ORDERS.

*2. NEEDLES CAN BE CUSTOMIZED TO DESIRED LENGTH.

TECHTIP

Needles Can Be **Customized** to Desired Length.

TEARAWAY OVER THE NEEDLE



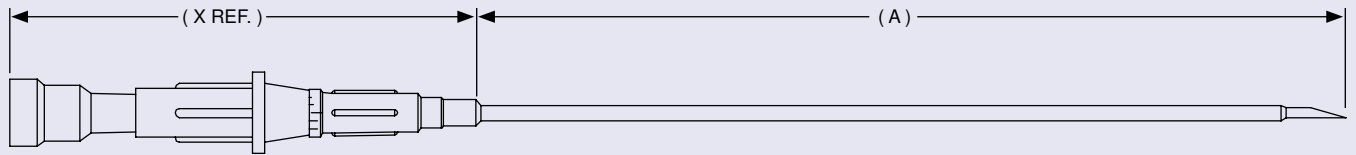
ORDERING INFORMATION

Part Number	Catheter Size	(A) ^{*2} Length	Needle Size	Hub Color/Material	Protector	Porous Plug
AC4298N	2F	1.65"	22GA	Clear / Polystyrene	PE1117	Yes
AC4299N	3F	1.65"	20GA	Clear / Polystyrene	PE1117	Yes
AC4300N	4F	1.65"	18GA	Clear / Polystyrene	PE1117	Yes
AC4301N	5F	1.65"	16GA	Clear / Polystyrene	PE1117	Yes
AC4302N	6F	1.65"	14GA	Clear / Polystyrene	PE1117	Yes
AC4303N	7F	1.65"	13GA	Clear / Polystyrene	PE1117	Yes

TECHTIP

Needles Can Be **Customized** to Desired Length.

OVER THE NEEDLE CATHETERS

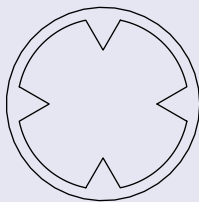


(Martech needles are measured from needle tip to hub.)

*2. NEEDLES CAN BE CUSTOMIZED TO DESIRED LENGTH.

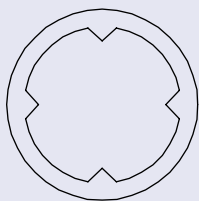
ORDERING INFORMATION

Part Number	Catheter Size	(A) *2 Length	Needle Size	Hub Color/Material	Protector	Porous Plug
AC2025	9F	3.25"	13GA	Clear PVC	PE1141	No
AC2026	4F	2.25"	17GA	Natural Polypropylene	PPO1753	Yes
AC2027	5F	2.25"	15GA	Natural Polypropylene	PPO1753	Yes
AC2028	6F	2.25"	14GA	Natural Polypropylene	PPO1753	Yes
AC2034-1	6F	5.00"	14GA	Natural Polypropylene	PE1141	Yes
AC2035	14GA	2.75"	16GA	Natural Polypropylene	PPO1756	Yes
AC2037	16GA	2.75"	18GA	Pink Polystyrene	PPO1756	Yes
AC2039	16GA	2.50"	20GA	Natural Polypropylene	PPO1753	Yes
AC2041	18GA	2.50"	19.5GA	Natural Polypropylene	PPO1753	No
AC2043	20GA	1.25"	22GA	Natural Polypropylene	PPO1760	Yes
AC2050	14GA	5.50"	17GA	Natural Polypropylene	PE1141	Yes



NEEDLE PROTECTORS

Part Number	Size	Length	Material	Profile
PE1140	.145"-150" ID X .015"-.020" WT	3.250"	LDPE	4 Ribs
PE1140A	.145"-150" ID X .015"-.020" WT	4.500"	LDPE	4 Ribs
PE1140B	.145"-150" ID X .015"-.020" WT	2.000"	LDPE	4 Ribs
PPO1772	.142" ID X .218" OD	3.250"	LDPE	6 Ribs



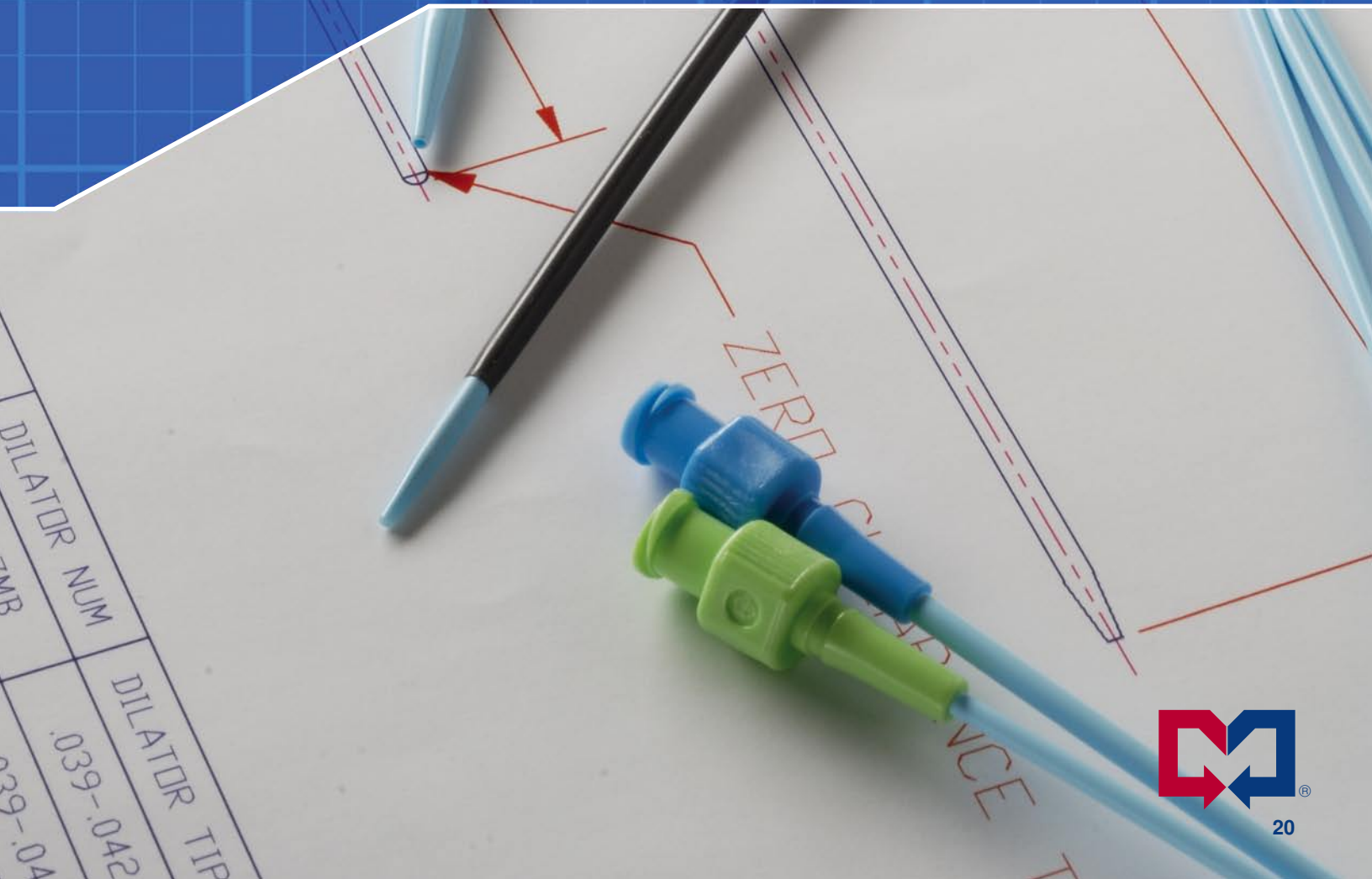
OTN CATHETER PROTECTORS

Part Number	Size	Length	Material	Profile
PE1117	.138" ID X .200" OD	3.500"	LDPE	N/A
PE1141	.157" ID X .015"-.020" WT	6.500"	LDPE	4 Ribs
PPO1753	.138" X .015"-.020" WT	2.9375"	LDPE	4 Ribs
PPO1754	.157" ID X .015"-.020" WT	8.500"	LDPE	N/A
PPO1756	.138" ID X .020" WT	3.500"	LDPE	4 Ribs
PPO1760	.156" ID X .195" OD	2.3125"	LDPE	4 Ribs
PPO1755	.157" ID X .015"-.020" WT	10.750"	LDPE	N/A



SECTION THREE

DILATORS & TEARAWAYS



TECHTIP

Dilators and Tearaways Can Be **Customized** to Desired Lengths, Tip Tapers, and Tip ID's to Accommodate Different Guidewire Sizes.



SECTION THREE DILATORS & TEARAWAYS

DILATORS & TEARAWAYS

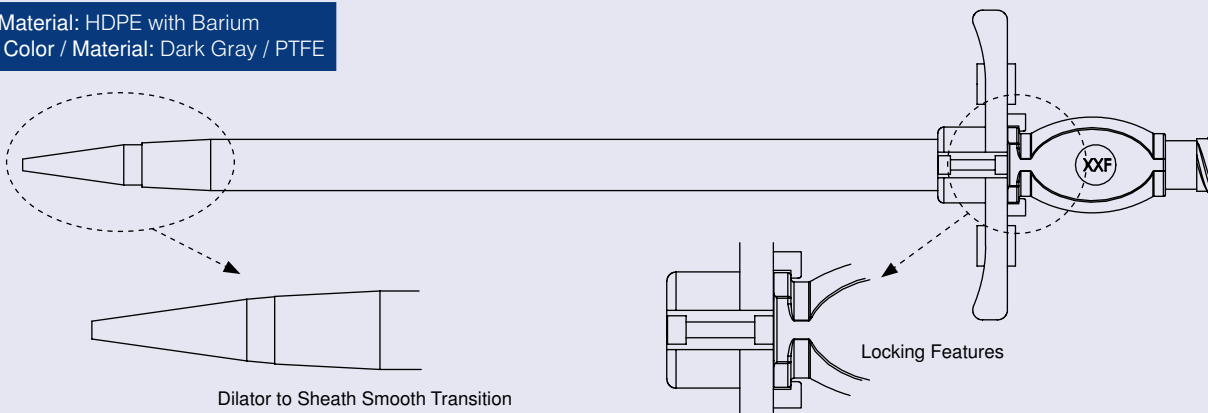
Martech® Medical's complete line of dilators and tearaway sheath dilators, ranging from 4F to 18F, allow for simple and easy delivery into the desired vessel. Martech®'s unique dilator to sheath transition, locking mechanisms, and hub shapes are unmatched in technology and innovation. Offering multiple designs and materials, Martech®'s broad range of access introducers provide delivery solutions for your medical device.

- *Teflon Tearaways* 22
- *Straight Wing Tearaways* 22
- *Grip Lock Tearaways* 23
- *Standard Introducer Sets* 23
- *Dilators* 24

INNOVATION

TEFLON TEARAWAYS

Dilator Material: HDPE with Barium
 Sheath Color / Material: Dark Gray / PTFE

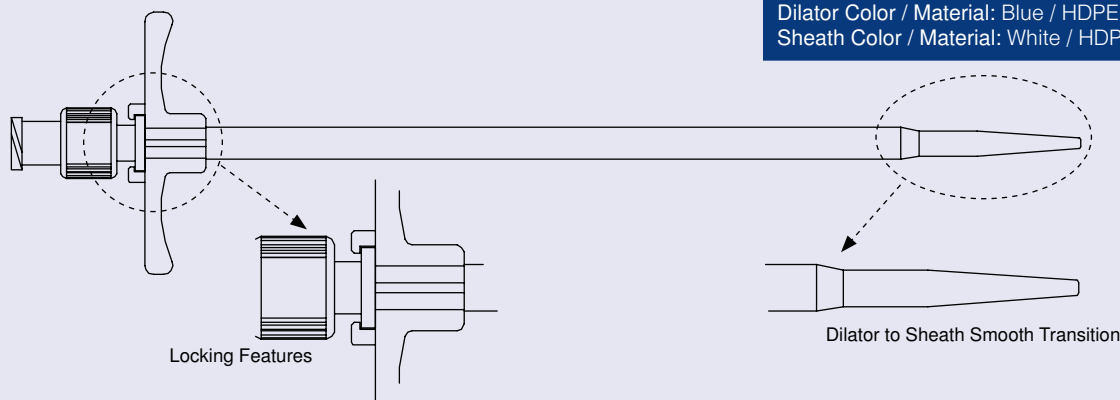


ORDERING INFORMATION

Part Number	Size	Dilator Length	Sheath Length	Hub Color	Part Number	Size	Dilator Length	Sheath Length	Hub Color
AC4351	5F	4.53"	3.94"	Gray	AC4358	12F	6.65"	5.30"	Dark Blue
AC4352	6F	4.53"	3.94"	Green	AC4359	13F	6.65"	5.30"	Gray
AC4353	7F	4.53"	3.94"	Orange	AC4360	14F	6.65"	5.30"	Pink
AC4354	8F	6.65"	5.30"	Blue	AC4361	15F	6.65"	5.30"	Orange
AC4355	9F	6.65"	5.30"	White	AC4362	16F	6.65"	5.30"	Red
AC4356	10F	6.65"	5.30"	Purple	AC4363	17F	6.65"	5.30"	White
AC4357	11F	6.65"	5.30"	Gray	AC4364	18F	6.65"	5.30"	Dark Blue

STRAIGHT WING TEARAWAYS

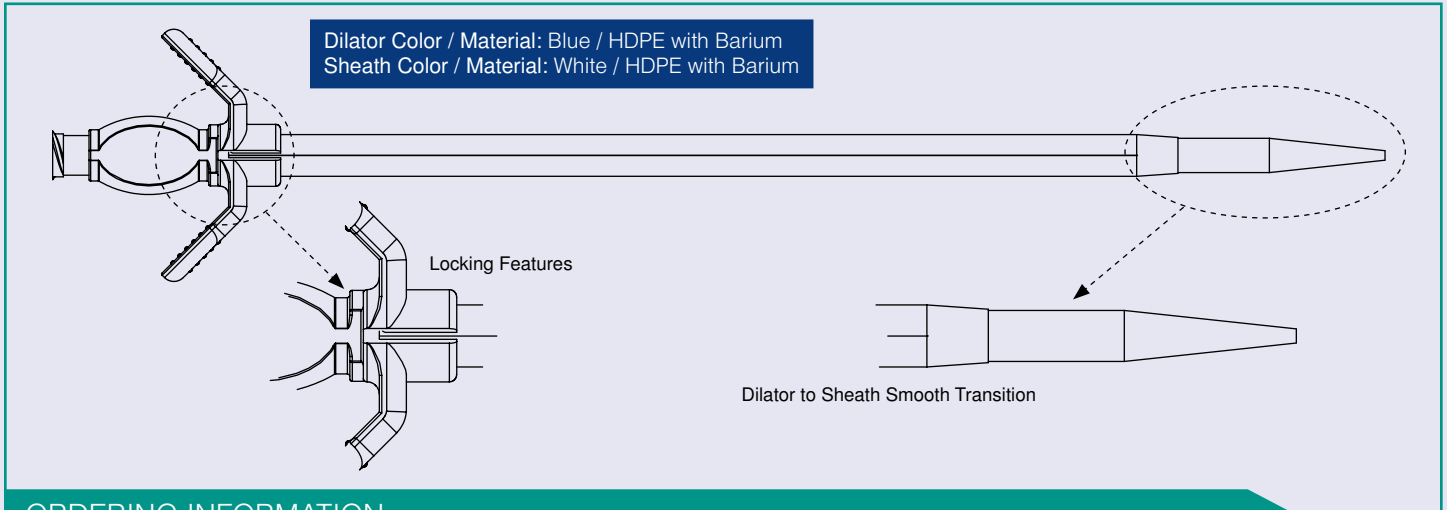
Dilator Color / Material: Blue / HDPE with Barium
 Sheath Color / Material: White / HDPE with Barium



ORDERING INFORMATION

Part Number	Size	Dilator Length	Sheath Length	Hub Color	Part Number	Size	Dilator Length	Sheath Length	Hub Color
AC4300	4F	6"	4.75"	Red	AC4307	11F	6"	4.75"	Grey
AC4301	5F	6"	4.75"	Grey	AC4308	12F	6"	4.75"	Dark Blue
AC4302	6F	6"	4.75"	Green	AC4309	13F	6"	4.75"	Grey
AC4303	7F	6"	4.75"	Orange	AC4310	14F	6"	4.75"	Pink
AC4304	8F	6"	4.75"	Light Blue	AC4311	15F	6"	4.75"	Orange
AC4305	9F	6"	4.75"	White	AC4312	16F	6"	4.75"	Red
AC4306	10F	6"	4.75"	Purple	AC4315	17F	7.875"	5.81"	White

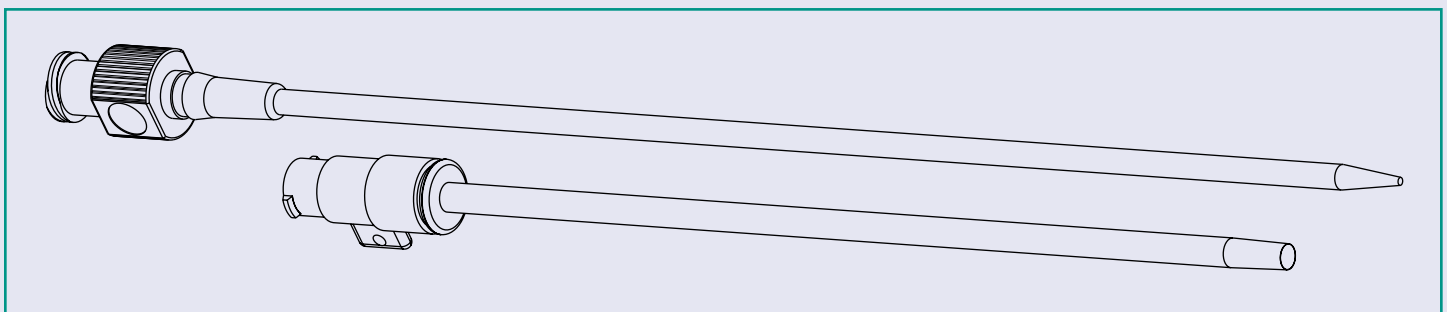
GRIP LOCK TEARAWAYS



ORDERING INFORMATION

Part Number	Size	Dilator Length	Sheath Length	Hub Color	Part Number	Size	Dilator Length	Sheath Length	Hub Color
AC4601GL	4F	7"	5.812"	Red	AC4609GL	12F	7"	5.812"	Dark Blue
AC4602GL	5F	7"	5.812"	Grey	AC4610GL	13F	7"	5.812"	Grey
AC4603GL	6F	7"	5.812"	Green	AC4611GL	14F	7"	5.812"	Pink
AC4604GL	7F	7"	5.812"	Orange	AC4612GL	15F	7"	5.812"	Orange
AC4605GL	8F	7"	5.812"	Light Blue	AC4613GL	16F	7"	5.812"	Red
AC4606GL	9F	7"	5.812"	White	AC4614GL	17F	7"	5.812"	White
AC4607GL	10F	7"	5.812"	Purple	AC4615GL	18F	7"	5.812"	Dark Blue
AC4608GL	11F	7"	5.812"	Grey					

STANDARD INTRODUCER SETS



ORDERING INFORMATION

Part Number	Size	Dilator Material	Dilator Length	Sheath Material	Sheath Length
AC1176B	5F	Polypropylene with Barium	8"	Teflon with Barium	4.25"
AC1178	6F	Polypropylene	8"	Teflon with Barium	4.25"
AC1050AB	7F	Polypropylene with Barium	8"	Teflon with Barium	4.25"
AC1060B	8F	Polypropylene with Barium	8"	Teflon with Barium	4.25"
AC1150B	8.5F	Polypropylene with Barium	8"	Teflon with Barium	4.25"
AC1057	9F	Polypropylene	8"	Teflon with Barium	4.25"
AC1132B	10F	Polypropylene with Barium	8"	Teflon with Barium	4.00"
AC1308B	11F	Polypropylene with Barium	8"	Teflon with Barium	6.00"
AC1314B-6	13F	Polypropylene with Barium	6"	Teflon with Barium	4.85"

DILATORS

Material: Polypropylene with Barium



ORDERING INFORMATION

Part Number	Size	Length	Part Number	Size	Length
AC1510MB	4F	8"	AC1054MB-6	9F	6"
AC1510MB-4	4F	4"	AC1041MB	10F	8"
AC1510MB-6	4F	6"	AC1041MB-4	10F	4"
AC1511MB	5F	8"	AC1041MB-6	10F	6"
AC1511MB-4	5F	4"	AC1043MB	11F	8"
AC1511MB-6	5F	6"	AC1043MB-6	11F	6"
AC1512MB	6F	8"	AC1045MB	12F	8"
AC1512MB-4	6F	4"	AC1045MB-4	12F	4"
AC1512MB-6	6F	6"	AC1045MB-6	12F	6"
AC1167MB	7F	8"	AC1162MB	13F	8"
AC1167MB-4	7F	4"	AC1162MB-6	13F	6"
AC1167MB-6	7F	6"	AC1047MB	14F	8"
AC1052MB	8F	8"	AC1047MB-6	14F	6"
AC1052MB-4	8F	4"	AC1508MB	15F	8"
AC1052MB-6	8F	6"	AC1508MB-6	15F	6"
AC1054MB	9F	8"	AC1068MB	16F	8"
AC1054MB-4	9F	4"	AC1068MB-6	16F	6"

TECHTIP

Dilators and Tearaways Can Be **Customized** to Desired Lengths, Tip Tapers, and Tip ID's to Accomodate Different Guidewire Sizes.



ITEM	QTY	DWG
1	1	02582
2	1	01475

SECTION FOUR

MOLDED COMPONENTS



PRECISION

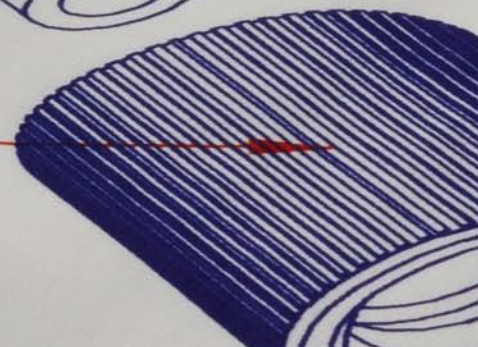
MOLDED COMPONENTS

Martech® Medical provides critical molded components, not only for use with its finished catheter line, but to other highly sophisticated products in the medical device industry. The molded parts are designed and constructed to provide the highest quality components possible, for ultra precision and performance. Our components exhibit the same qualities of innovation, service, and sophistication in manufacturing that make Martech® Medical a world leader in the medical device industry.

• <i>Male Adapters</i>	28
• <i>"T" Adapters</i>	29
• <i>"Y" Adapters</i>	29
• <i>Swivel Adapters</i>	30
• <i>Swivels</i>	31
• <i>Female Luers</i>	32
• <i>Caps & Plugs</i>	34
• <i>Clamps & ID Rings</i>	36
• <i>Guidewire Accessories</i>	37
• <i>Suture Wings</i>	39

SECTION FOUR

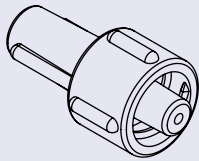
MOLDED COMPONENTS



MALE ADAPTERS

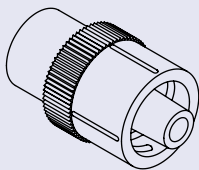
TECHTIP

Molded Components Can Have **Customized** Thru Holes, Tube Fits, and Materials.



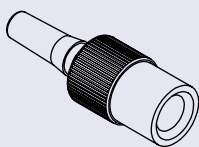
MALE LUER ADAPTERS

Part Number	Description	Color / Material
PPM0100A	For .075" X .125" Tube	Clear PVC
PPM0100U	For .075" X .125" Tube, Radiation Stabilized	Radiation Stabilized PVC
PPM0101A	For .045" X .075" Tube	Clear PVC
PPM0101B	For .045" X .075" Tube	Pink PVC
PPM0101C	For .045" X .075" Tube	Blue PVC
PPM0101R	For .045" X .075" Tube	Red PVC
PPM0101Y	For .045" X .075" Tube	Yellow PVC
PPM0102A	For .020" X .060" Tube	Clear PVC
PPM0103A	For .045" X .060" Tube	Clear PVC
PPM0105A	For .060" X .115" Tube	Clear PVC
PPM0113B	.097" Thru-Hole	Clear PVC
PPM0116B	For .075" X .156" Tube	Clear PVC
PPM0121B	For .050" X .110" Tube	Clear PVC
PPM0122B	For .073" X .136" Tube	Clear PVC
PPM0124A	For .020" X .060" Tube	Blue Polypropylene



MALE HEAVY WALL CONNECTORS

Part Number	Description	Color / Material
PPM0111A	For .111" X .180" Tube	Clear PVC
PPM0115A	For .212" OD Tube	Clear PVC
PPM0115W	For .212" OD Tube	White PVC
PPM0115B	Radiation Stabilized For 212" OD Tube	Radiation Stabilized PVC

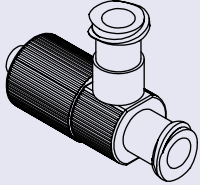


MALE HEAVY WALL CONNECTORS

Part Number	Description	Color / Material
PPM0322A	With Snap-UV Bond For .215" OD Tube	Clear / PVC
PPM0323A	With Snap Ring For .145" OD Tube	Clear / PVC
PPM0325B	With Snap Ring For .210" OD Tube	Clear / PVC

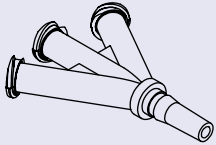
MOLDED COMPONENTS

"T" ADAPTERS

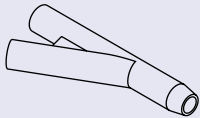


Part Number	Description	Adapter Material	Swivel Material
AC1870	"T" Adapter With 1 Male, 2 Females, Without Swivel	Clear / PVC	N/A
AC1871	"T" Adapter With 1 Male, 2 Females, With Swivel	Clear / PVC	Clear / Polycarbonate
AC1871G	"T" Adapter With 1 Male, 2 Females, With Swivel	Radiation Stabilized PVC	Clear / Polycarbonate

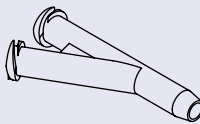
"Y" ADAPTERS



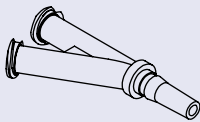
Part Number	Description	Adapter Material
PPM0250A	Four-Port Y with 1 Male Luer Slip, 3 Female Luer Threads	Clear PVC



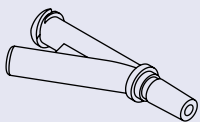
Part Number	Description	Adapter Material
PPM0251A	Clear PVC Y Adapter, Without Threads	Clear PVC
PPM0251B	"Y" Adapter Without Threads	Polycarbonate



Part Number	Description	Adapter Material
PPM0252A	"Y" Adapter With Threads	Clear PVC
PPM0252G	Removable "Y" Adapter With Threads	Radiation Stabilized PVC



Part Number	Description	Adapter Material
PPM0254A	Removable "Y" With 2 Female Luers And 1 Male Slip	Clear PVC
PPM0254C	Removable "Y" With 2 Female Luers And 1 Male Slip	Polycarbonate

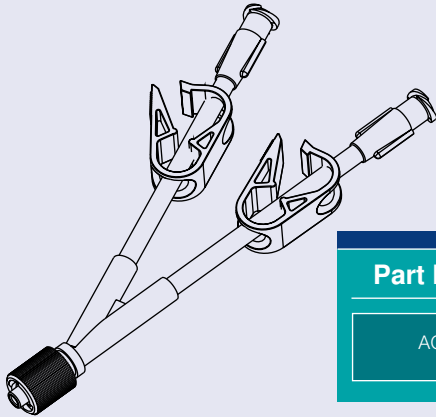


Part Number	Description	Adapter Material
PPM1029	Removable "Y" With Female Luer Lock On Straight Leg, Tubing Fitment For .110" OD Tube On Offset Leg	Clear PVC

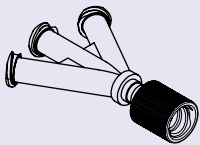
SWIVEL ADAPTERS

TECHTIP

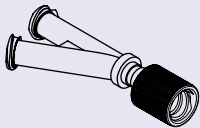
Molded Components Can Have **Customized** Thru Holes, Tube Fitments, and Materials.



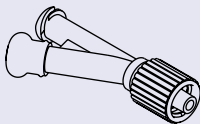
Part Number	Description	Adapter Material	Swivel Material
AC1770	Removable "Y" With Swivel, PVC Extensions And Mini Clamps	Clear PVC	Clear Polycarbonate



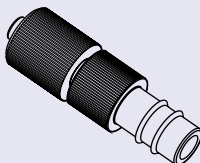
Part Number	Description	Adapter Material	Swivel Material
AC1771	4 Port "Y" With 3 Female, 1 Male With Snap-On Thread	Clear PVC	Clear Polycarbonate



Part Number	Description	Adapter Material	Swivel Material
AC1775	Removable "Y" With 1 Male And 2 Females, With Snap-On Thread	Clear PVC	Clear Polycarbonate
AC1775R	Removable "Y" With 1 Male And 2 Females, With Snap-On Thread	Radiation Stabilized PVC	Clear Polycarbonate

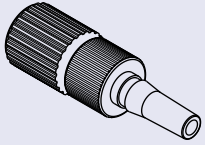


Part Number	Description	Adapter Material	Swivel Material
AC1776	Removable "Y" With 1 Male, 1 Female, & Injection Site On Angled Leg, With Snap-On Thread	Clear PVC	Clear Polycarbonate

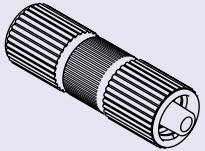


Part Number	Description	Adapter Material	Swivel Material
AC1189	Male Tubing Adapter With Snap-On Thread	Clear PVC	Clear Polycarbonate

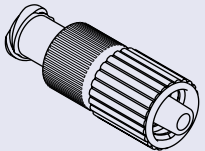
SWIVEL ADAPTERS



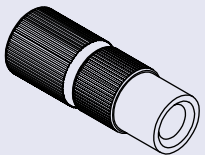
Part Number	Description	Adapter Material	Swivel Material
AC1760	Male/Male Adapter With One Snap-On Thread	Clear PVC	Clear Polycarbonate



Part Number	Description	Adapter Material	Swivel Material
AC1761	Male/Male Adapter With Two Snap-On Threads	Clear PVC	Clear Polycarbonate

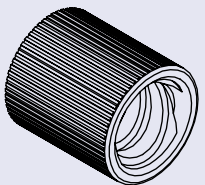


Part Number	Description	Adapter Material	Swivel Material
AC1762	Male/Female Luer Adapter With Snap-On Thread	Clear PVC	Clear Polycarbonate
AC1763	Male/Female Adapter With Snap-On Thread	Radiation Stabilized PVC	Blue Polystyrene



Part Number	Description	Adapter Material	Swivel Material
AC1765	Male Heavy wall With Snap-On Thread	Clear PVC	Clear Polycarbonate

SWIVELS

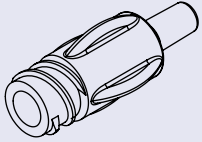


Part Number	Description	Color / Material
PPM1418	Snap-On Thread (Lock-Ring)	Clear Polycarbonate
PPM1413	Snap-On Thread (Lock-Ring)	Clear Polyethylene
PPM1057	Snap-On Thread	Blue Polystyrene

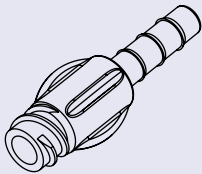
TECHTIP

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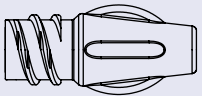
FEMALE LUERS



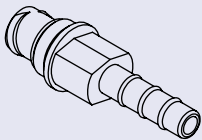
Part Number	Description	Color / Material
PPM3810	Easy Grip, .100" Thru-Hole	Clear PVC
PPM3810B	Easy Grip, .100" Thru-Hole	Blue PVC
PPM3810R	Easy Grip, .100" Thru-Hole	Red PVC



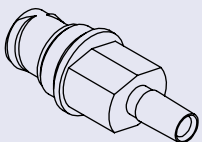
Part Number	Description	Color / Material
PPM3811	Easy Grip Barbed Luer	Clear PVC
PPM3811R	Easy Grip Barbed Luer	Red PVC
PPM3811B	Easy Grip Barbed Luer	Blue PVC



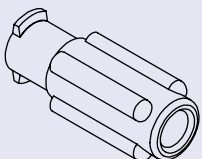
Part Number	Description	Color / Material
PPM3812	.106" Tube	Clear PVC
PPM3812B	.106" Tube	Blue PVC
PPM3812R	.106" Tube	RED PVC
PPM3813	.085" Tube	Clear PVC
PPM3813B	.085" Tube	Blue PVC
PPM3813R	.085" Tube	Red PVC
PPM3813Y	.085" Tube	Yellow PVC



Part Number	Description	Color / Material
PPM0075W	.190" Barb	White PVC
PPM1203	.190" Barb	Clear PVC
PPM1203B	.190" Barb	Blue PVC
PPM1203R	.190" Barb	Red PVC

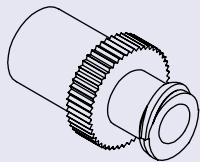


Part Number	Description	Color / Material
PPM1204	.100" Thru-Hole	Clear PVC
PPM1204B	.100" Thru-Hole	Blue PVC
PPM1204R	.100" Thru-Hole	Red PVC
PPM1204W	.100" Thru-Hole	White PVC

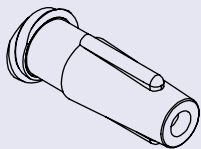


Part Number	Description	Color / Material
PPM0037W	.093" X .156" Tube, Tab Thread	Clear PVC

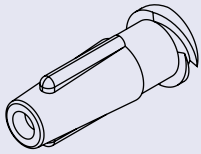
FEMALE LUERS



Part Number	Description	Color / Material	Wall Thickness
PPM0020A	.100" Through Hole, .209" OD Tube	Clear PVC	Heavy Wall
PPM0020G	.100" Through Hole, .209" OD Tube	Gamma Grade Clear PVC	Heavy Wall
PPM0047A	.145" Through Hole, .212" OD Tube	Clear PVC	Heavy Wall
PPM0073A	.100" Through Hole, .215" OD Tube	Clear PVC	Heavy Wall
PPM0324A	.080" Through Hole, .130" OD Tube	Clear PVC	Heavy Wall



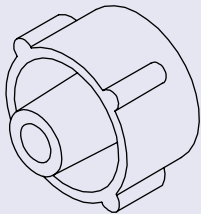
Part Number	Description	Color / Material
PPM0010A	.125" OD Tube	Clear PVC
PPM0010U	.125" OD Tube	Radiation Stabilized Clear PVC
PPM0011A	.045" X .072" - .077" Tube	Clear PVC
PPM0012A	.020" X .058" - .062" Tube	Clear PVC
PPM0013A	.045" Through Hole	Clear PVC
PPM0019B	.050" X .110" Tube	Clear PVC
PPM0019R	.050" X .110" Tube	Red PVC
PPM0022A	.093" OD Tube	Clear PVC
PPM0024A	.065" Through Hole for .090" Tube	Clear PVC
PPM0026B	.039" X .067" Tube	Clear PVC
PPM0030B	.093" X .156" Tube	Clear PVC
PPM0031B	.073" X .136" Tube	Clear PVC
PPM0031U	.073" X .136" Tube	Radiation Stabilized Clear PVC
PPM0039A	.090" - .095" Tube	Clear PVC
PPM0060B	.030" X .061" - .067" Tube	Clear PVC
PPM0060G	.030" ID X .067 - .061 OD Tube	Radiation Stabilized Clear PVC
PPM0061B	.040" X .073" - .079" Tube	Clear PVC
PPM0062A	.043" X .076" Tube	Clear PVC
PPM0066A	.085" - .090" Tube	Clear PVC
PPM0082P	.090" X .137" Tube	Natural Polypropylene
PPM1005	.051" Through Hole	Yellow PVC
PPM1005B	.060" Through Hole	Yellow PVC
PPM1006	.051" Through Hole	Clear PVC
PPM1006A	.054" Through Hole	Clear PVC
PPM1007A	.060" Through Hole	Blue PVC
PPM1066B	.060" Through Hole	Red PVC
PPM1117	.067" Through Hole	Clear PVC
PPM1118	.067" Through Hole	Yellow PVC
PPM1119	.067" Through Hole	Red PVC
PPM1120	.067" Through Hole	Blue PVC
PPM1421	.036" ID X .051" OD Tube	Clear PVC



Part Number	Description	Color / Material
PPM1206	.060" Thru-Hole	Natural Isoplast
PPM1206B	.060" Thru-Hole	Blue Isoplast
PPM1206R	.060" Thru-Hole	Red Isoplast
PPM1206Y	.060" Thru-Hole	Yellow Isoplast
PPM1207	.067" Thru-Hole	Natural Isoplast
PPM1207Y	.067" Thru-Hole	Yellow Isoplast

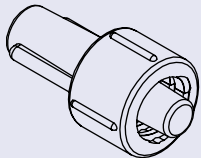
CAPS & PLUGS

MALE CAP PLUG



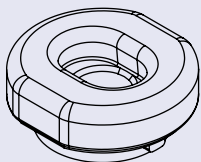
Part Number	Description	Color / Material
PPM0620A	Vented, Non-Threaded	Blue Polypropylene
PPM0621A	Vented, Threaded	Blue Polypropylene
PPM0622A	Vented, Non-Threaded	Natural Polypropylene
PPM0623A	Vented, Threaded	Natural Polypropylene
PPM0624A	Non-Vented, Non-Threaded	Blue Polypropylene
PPM0625A	Non-Vented, Threaded	Blue Polypropylene
PPM0627A	Non-Vented, Threaded	Natural Polypropylene
PPM0627G	Non-Vented, Threaded	Natural Polypropylene

MALE LUER DEAD-END CAP



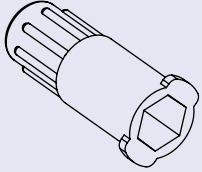
Part Number	Description	Color / Material
PPM0221B	Non-Vented	White Polypropylene
PPM1026	Non-Vented	Red Polypropylene
PPM0220A	Non-Vented	Blue Polypropylene

HEMOSTASIS CAP



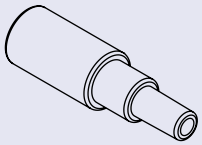
Part Number	Description	Color / Material
PPM0292A	Hemostasis Cap	White Isoplast

CAPS & PLUGS



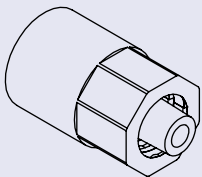
FEMALE DUST CAP (VENTED AND NON-VENTED)

Part Number	Description	Color / Material
PPM0200A	Vented	Blue Polypropylene
PPM1063	Vented	Natural Polypropylene
PPM0203A	Non-Vented	Natural Polypropylene
PPM0203D	Non-Vented	Red Polypropylene
PPM1010	Non-Vented	Blue Polypropylene



ESOPHAGEAL STETHOSCOPE CAPS

Part Number	Description	Color / Material
PPM0279A	9F	Clear PVC
PPM0279B	9F	White PVC
PPM0270A	12F	Clear PVC
PPM0270B	12F	White PVC
PPM0271A	18F	Clear PVC
PPM0273B	18F	White PVC
PPM1300	24F	Clear PVC
PPM0272B	24F	White PVC



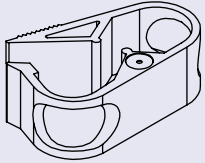
INJECTION CAP

Part Number	Description	Color / Material
PPO1301	Latex Free	Clear ABS/ Latex Free Rubber

TECHTIP

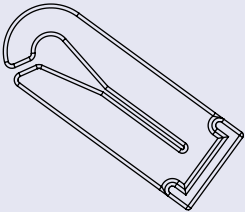
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CLAMPS & ID RINGS



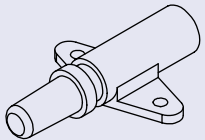
CLAMP

Part Number	Description	Color / Material
PPM1024	Clamp For Max .250" OD Tube	Red Acetal
PPM1025	Clamp For Max .250" OD Tube	Blue Acetal
PPM1414	Clamp For Max .250" OD Tube	White Acetal
PPO2001	Mini Clamp For Max .160" OD Tube	Red Acetal
PPO2002	Mini Clamp For Max .160" OD Tube	Blue Acetal
PPO2003	Mini Clamp For Max .160" OD Tube	Natural Acetal



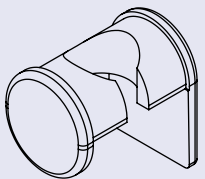
SLIDE CLAMP

Part Number	Description	Color / Material
PPO1696	Slide Clamp For .078" OD Tube	Blue Polycarbonate
PPO1697	Slide Clamp For .078" OD Tube	Red Polycarbonate
PPO1698	Slide Clamp For .078" OD Tube	White Polycarbonate
PPO1726	Slide Clamp	Blue Polycarbonate



BUTTERFLY SUTURE CLAMP

Part Number	Description	Color / Material
PPM0481A	Butterfly Suture Clamp For .080" OD Tube	White Kraton
PPM0482A	Butterfly Suture Clamp For .105" OD Tube	White Vythene



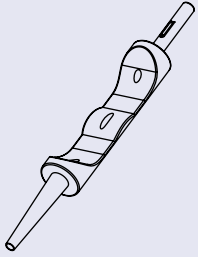
IDENTIFICATION RING

Part Number	Description	Color / Material
PPM0521A	Mini Unprinted Identification Ring	White ABS
PPM0520A	Wide Unprinted Identification Ring	White ABS

GUIDEWIRE ACCESSORIES

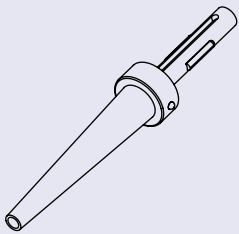
TECHTIP

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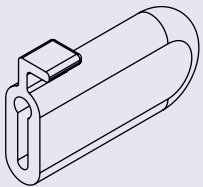
GUIDEWIRE ADVANCER

Part Number	Description	Color / Material
PPM2030	Guidewire Advancer	Blue Polypropylene



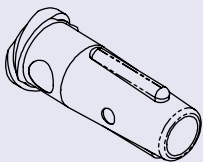
STRAIGHTENERS

Part Number	Description	Color / Material
PPM0400A	Locking, .050" Thru	Blue Polypropylene
PPM0396A	.042" ± .002" ID	Blue Polypropylene
PPM0396R	.042" ± .002" ID	Red Polypropylene
PPM0399N	.068" ± .002" ID	Natural Polypropylene
PPM0399P	.068" ± .002" ID	Purple Polypropylene



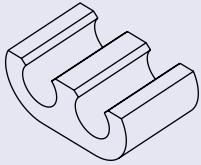
TIP PROTECTOR

Part Number	Description
PPM1905	Guidewire Protector



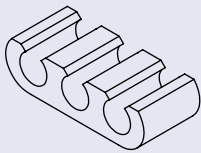
FEMALE LUER

Part Number	Description	Color / Material
PPM0034A	Female Luer Adapter	White Polypropylene



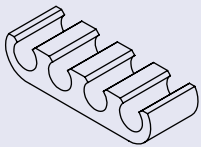
TWO-CHANNEL CLIP

Part Number	Description	Color / Material
PPM0461A	Two-Channel Clip	Blue Polypropylene
PPM0461N	Two-Channel Clip	Natural Polypropylene



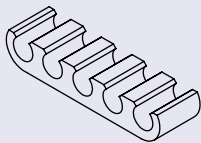
THREE-CHANNEL CLIP

Part Number	Description	Color / Material
PPM0462A	Three-Channel Clip	Blue Polypropylene
PPM0462N	Three-Channel Clip	Natural Polypropylene



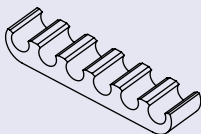
FOUR-CHANNEL CLIP

Part Number	Description	Color / Material
PPM0463A	Four-Channel Clip	Blue Polypropylene
PPM0463N	Four-Channel Clip	Natural Polypropylene



FIVE-CHANNEL CLIP

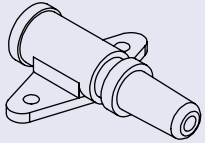
Part Number	Description	Color / Material
PPM0464A	Five-Channel Clip	Natural Polypropylene
PPM0464N	Five-Channel Clip	Blue Polypropylene



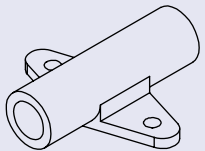
SIX-CHANNEL CLIP

Part Number	Description	Color / Material
PPM0465A	Six-Channel Clip	Blue Polypropylene

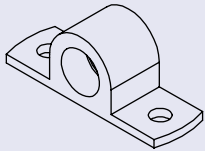
SUTURE WINGS



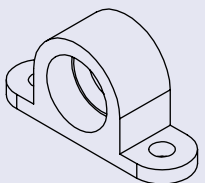
Part Number	Description	Color / Material
PPM0483A	.065" Thru-Hole	White Kraton
PPM0481A	.080" Thru-Hole	White Kraton



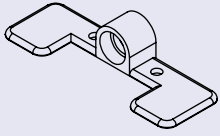
Part Number	Description	Color / Material
PPM0632V	.150" Thru Hole	White Vythene



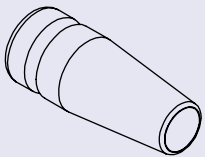
Part Number	Description	Color / Material
PPM0635B	.180" Thru-Hole	Blue Vythene
PPM0635G	.180" Thru-Hole	Grey Vythene
PPM0635GN	.180" Thru-Hole	Green Vythene
PPM0635O	.180" Thru-Hole	Orange Vythene
PPM0635R	.180" Thru-Hole	Red Vythene
PPM0635W	.180" Thru-Hole	White Vythene
PPM0635Y	.180" Thru-Hole	Yellow Vythene
PPM1402	.180" Thru-Hole	White Vythene
PPM0635N	.180" Thru-Hole	Natural Vythene
PPM1430	.190" Thru-Hole	Blue Pellethane
PPM1431	.190" Thru-Hole	Light Blue Pellethane
PPM1405	.190" Thru-Hole	Turquoise Vythene
PPM1432	.190" Thru-Hole	White Pellethane



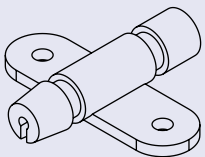
Part Number	Description	Color / Material
PPM0640A	.248" Thru-Hole	Light Blue Pellethane
PPM0640-SB	.248" Thru-Hole	Sunfast Blue Pellethane
PPM0641A	.300" - .315" Thru-Hole	Light Blue Pellethane
PPM0642A	.285" - .295" Thru-Hole	Sunfast Blue Pellethane
PPM0643A	.300" - .315" Thru-Hole	White Pellethane
PPM0644A	.300" - .315" Thru-Hole	Sunfast Blue Pellethane
PPM0646A	.300" - .315" Thru-Hole	DEHP Free PVC
PPO1185	.200" Thru-Hole	Blue Silicone
PPM3009	.271" Thru-Hole	DEHP Free PVC
PPM3010	.271" Thru-Hole	LDPE
PPO1231	.240" Thru-Hole	Natural Ethylene Vinyl Acetate



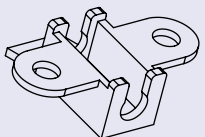
Part Number	Description	Color / Material
PPM1405-LW	.195" Thru-Hole	Turquoise Vythene
PPM0635A	.180" Thru-Hole	Natural Vythene
PPM1433	.195" Thru-Hole	Natural C-Flex



Part Number	Description	Color / Material
PPM4065	Suture Wing Mount .183" Thru-Hole	White Vythene



Part Number	Description	Color / Material
PPO1207	18GA, .052" Thru-Hole	Natural EVA
PPO1209	16 GA, .066" Thru-Hole	Natural EVA
PPO1218	14GA, .083" Thru-Hole	Natural EVA
PPO1224	7FR, .094" Thru-Hole	Natural EVA
PPO1225	8.5FR, .112" Thru-Hole	Natural EVA
PPO1225W	20GA, .044" Thru-Hole	Natural EVA



Part Number	Description	Color / Material
PPO1224C	Over Clamp	Blue ABS

TECHTIP

Molded Components Can Have **Customized** Thru Holes, Tube Fitments, and Materials.



SECTION FIVE

MONITORING LINES



MONITORING LINES

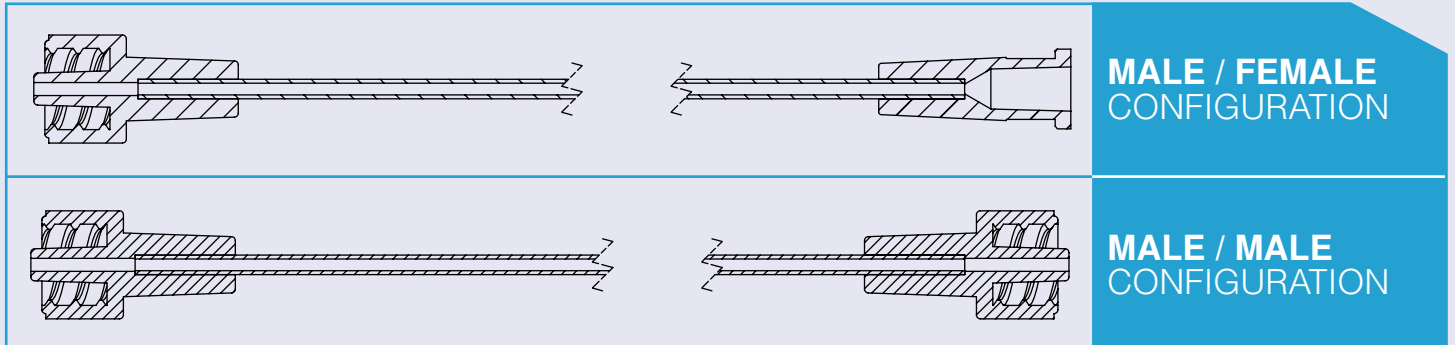
Martech®'s clear PVC monitoring lines have been designed to withstand pressure and manipulation without compromising flow rate accuracy and consistency regardless of the equipment used. The highly kink resistant tubing minimizes movement at the cannulation site, reducing the chance of mechanical irritation and infection, reducing trauma to the patient. Available in multiple lengths, the Martech® Medical monitoring lines have been designed to enhance safety and efficiency.

- *Pressure Monitoring Lines* 44
- *Roentgenography Connecting Tubes* 45

SECTION FIVE

MONITORING LINES





**MALE / FEMALE
 CONFIGURATION**

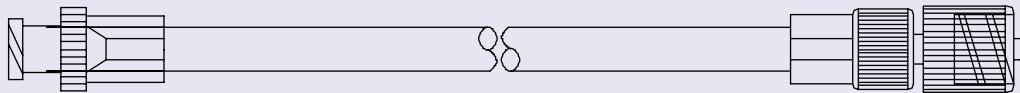
**MALE / MALE
 CONFIGURATION**

STANDARD PRESSURE MONITORING

Part Number	Material	Length	OD x ID	Luers
AC23006	PVC	6"	.125 OD x .075 ID	Male/Female
AC24006	PVC	6"	.125 OD x .075 ID	Male/Male
AC23012	PVC	12"	.125 OD x .075 ID	Male/Female
AC23012G	Gamma PVC	12"	.125 OD x .075 ID	Male/Female
AC23024	PVC	24"	.125 OD x .075 ID	Male/Female
AC23036	PVC	36"	.125 OD x .075 ID	Male/Female
AC23048	PVC	48"	.125 OD x .075 ID	Male/Female
AC23060	PVC	60"	.125 OD x .075 ID	Male/Female
AC23072	PVC	72"	.125 OD x .075 ID	Male/Female
AC27006	PVC	6"	.110 OD x .050 ID	Male/Female
AC27012	PVC	12"	.110 OD x .050 ID	Male/Female
AC27024	PVC	24"	.110 OD x .050 ID	Male/Female
AC27036	PVC	36"	.110 OD x .050 ID	Male/Female
AC27072	PVC	72"	.110 OD x .050 ID	Male/Female
AC27084	PVC	84"	.110 OD x .050 ID	Male/Female
AC28012	PVC	12"	.110 OD x .050 ID	Male/Male

LOW PRESSURE MONITORING LINES

Part Number	Material	Length	OD x ID	Luers
AC25003	PVC	3"	.075 OD x .045 ID	Male/Female
AC25006	PVC	6"	.075 OD x .045 ID	Male/Female
AC25012	PVC	12"	.075 OD x .045 ID	Male/Female
AC25024	PVC	24"	.075 OD x .045 ID	Male/Female
AC26084	PVC	84"	.075 OD x .045 ID	Male/Male



**MALE / FEMALE
 CONNECTING TUBE
 CONFIGURATION**

LOW PRESSURE ROENTGENOGRAPHY CONNECTING TUBE - 500PSI

Part Number	Material	Length	OD x ID	Luers	Swivel	Swivel Material
AC3210	PVC	10"	.210 OD x .110 ID	Male/Female	No	N/A
AC3210S	PVC	10"	.210 OD x .110 ID	Male/Female	Yes	Polycarbonate
AC3220	PVC	20"	.210 OD x .110 ID	Male/Female	No	N/A
AC3220S	PVC	20"	.210 OD x .110 ID	Male/Female	Yes	Polycarbonate
AC3230	PVC	30"	.210 OD x .110 ID	Male/Female	No	N/A
AC3230S	PVC	30"	.210 OD x .110 ID	Male/Female	Yes	Polycarbonate
AC3240	PVC	40"	.210 OD x .110 ID	Male/Female	No	N/A
AC3240S	PVC	40"	.210 OD x .110 ID	Male/Female	Yes	Polycarbonate
AC3248	PVC	48"	.210 OD x .110 ID	Male/Female	No	N/A
AC3248S	PVC	48"	.210 OD x .110 ID	Male/Female	Yes	Polycarbonate
AC3260S	PVC	60"	.210 OD x .110 ID	Male/Female	Yes	Polycarbonate

HIGH PRESSURE ROENTGENOGRAPHY CONNECTING TUBE - 1,000PSI

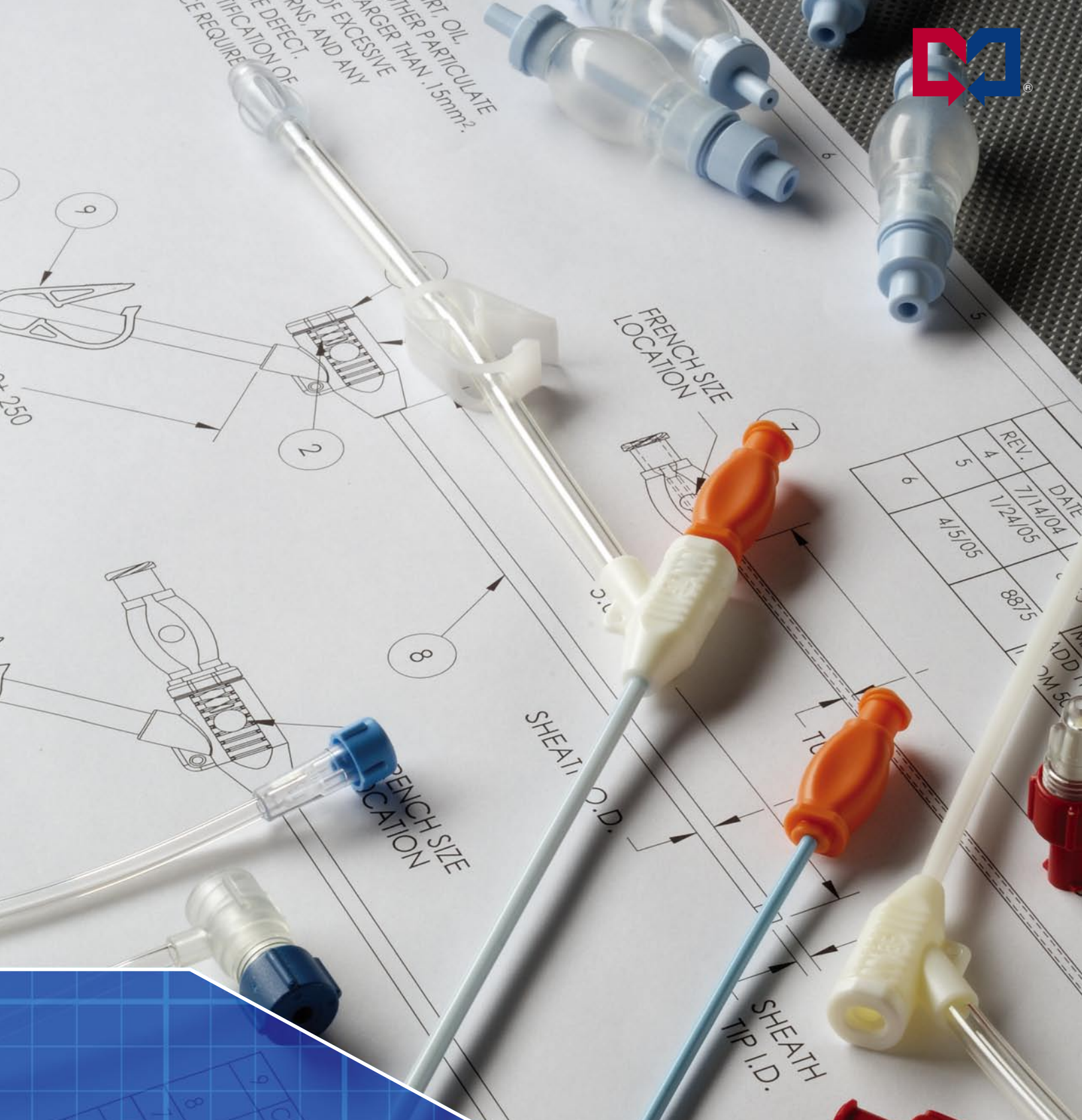
Part Number	Material	Length	OD x ID	Luers	Swivel	Swivel Material
AC3110S	PVC	10"	.210 OD x .100 ID	Male/Female	Yes	Polycarbonate
AC3120S	PVC	20"	.210 OD x .100 ID	Male/Female	Yes	Polycarbonate
AC3130S	PVC	30"	.210 OD x .100 ID	Male/Female	Yes	Polycarbonate
AC3140	PVC	40"	.210 OD x .100 ID	Male/Female	No	Polycarbonate
AC3148S	PVC	48"	.210 OD x .100 ID	Male/Female	Yes	Polycarbonate

TECHTIP

Monitoring Lines Can Be
Customized to Desired Length.



...RT, OIL-
...OTHER PARTICULATE
...LARGER THAN .15mm?
...DEFECT.
...URNS, AND ANY
...IFICATION OF
...REQUIRE



REV.	DATE
4	7/14/04
5	1/24/05
6	4/5/05

8875

SECTION SIX

VALVED PRODUCTS

9	CLAMP - W/...
8	INTRODUCER SHEATH
7	HUB
6	INTRODUCER TUBE
5	FEMALE LUER
4	EXTENSION
3	MALE LUER
2	VALVE
1	OSTIASIS BODY

SUPERIOR

VALVED PRODUCTS

Martech®'s innovative valved products are available in the industry's broadest selection of shapes and sizes. Each design prevents blood loss and air aspiration improving procedural performance and patient safety. Martech® Medical's complete line of valved products can be the perfect compliment to your designs saving your group a significant amount of time and money.

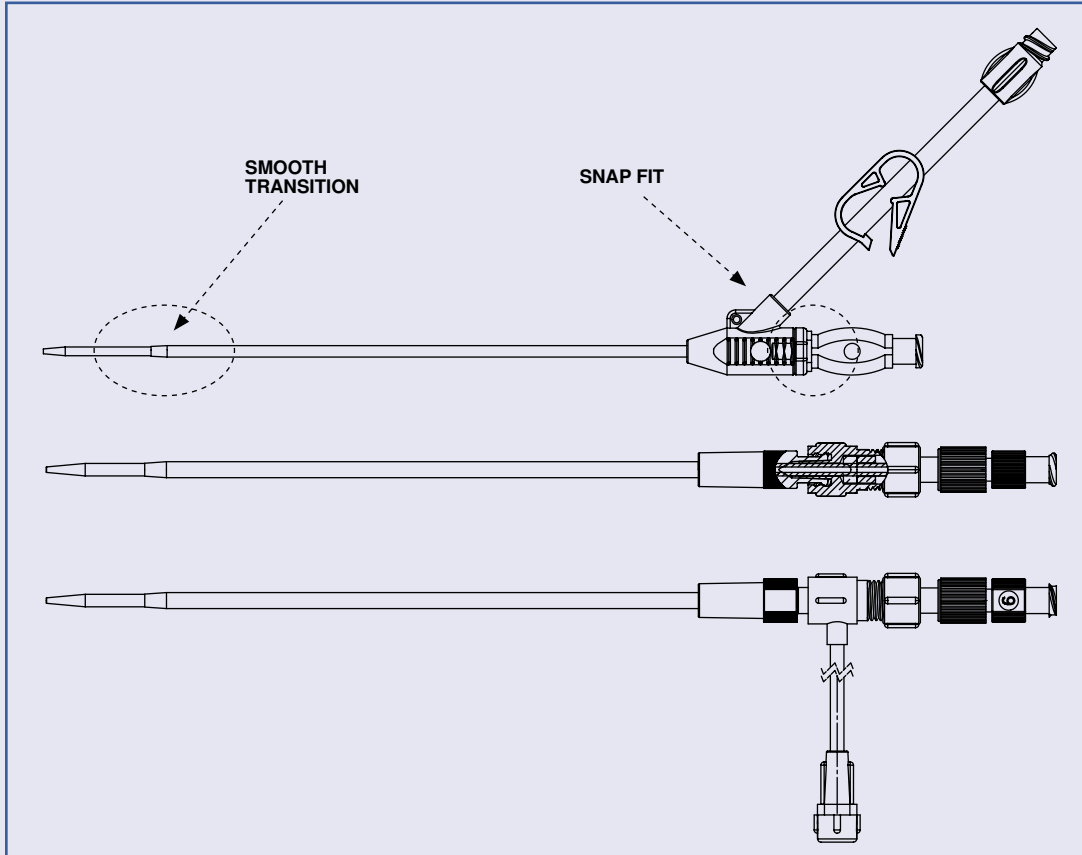
• Hemostasis Sets	48
• Pediatric Touhy Borst Adapters	49
• Pediatric Touhy Borst Bodies	49
• Pediatric Touhy Borst Caps	50
• Pediatric Touhy Borst Gaskets	50
• Touhy Borst Adapters	51
• Touhy Borst Bodies	52
• Touhy Borst Caps	52
• Touhy Borst Gaskets	53

SECTION SIX

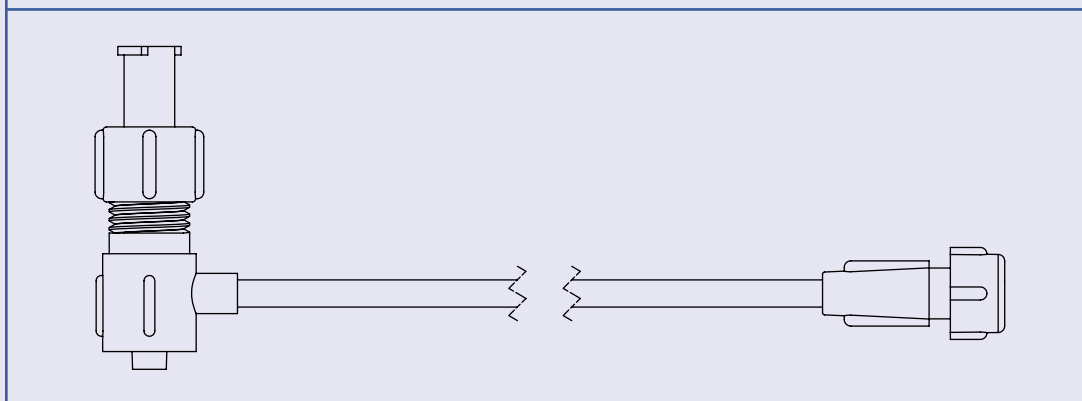
VALVED PRODUCTS



HEMOSTASIS SETS



**HEMOSTASIS
 SETS**



**HEMOSTASIS
 ACCESSORIES**

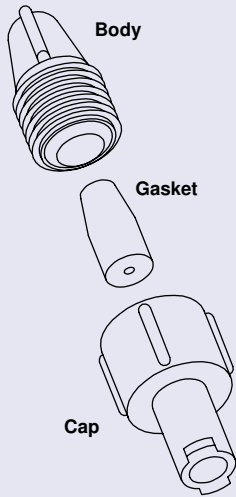
HEMOSTASIS SETS

Part Number	Description
AC2310	5F Hemostasis Introducer Set
AC2311	6F Hemostasis Introducer Set
AC2312	7F Hemostasis Introducer Set
AC2313	8F Hemostasis Introducer Set

ACCESSORIES

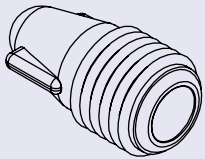
Part Number	Accessories
AC7222	9F Dilator/Sheath/TBA with Hemodialysis Valve
AC2315	TBA with Hemostasis Valve & Side Port

PEDIATRIC TOUHY BORST ADAPTERS

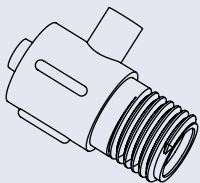


Part Number	Cap	Body	Gasket	Plug
AC1333	PPM1101	PPM1100	PPO1430	N/A
AC1334	PPM0264C	PPM1100	PPO1430	N/A
AC1345	PPM0304B	PPM0309A	SA1057	N/A
AC1382	PPM0264C	PPM1100	SA1057	N/A
AC1324	PPM0268R	PPM0310	PPM0629A	N/A
AC1327B	PPM0268B	PPM0310	PPM0636A	N/A
AC1327R	PPM0268R	PPM0310	PPM0636A	N/A
AC1328B	PPM0268B	PPM0310	PPM0637	N/A
AC1328R	PPM0268R	PPM0310	PPM0637	N/A
AC1329B	PPM0268B	PPM0310	PPM0633A	N/A
AC1329R	PPM0268R	PPM0310	PPM0633A	N/A
AC1329W	PPM0268W	PPM0305B	PPM0633A	N/A
AC1337	PPM0264C	PPM1100	PPM0629A	N/A
AC1339	PPM0627A	AC1337	AC1337	PPM0627A
AC1342	PPM0264C	PPM1100	PPM0628A	N/A
AC1343	PPM0264C	PPM1100	PPM0634A	N/A
AC1346	PPM0304B	PPM0309A	PPM0633A	N/A

PEDIATRIC TBA BODIES

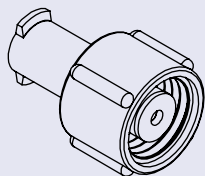


Part Number	Description	Material
PPM0263B	.055" Thru-Hole, Snap Body	Radiation Stabilized
PPM1100	.055" Thru-Hole, Snap Body	Clear PVC
PPM0305B	.071" Thru-Hole, No Snap Body	Clear PVC
PPM0309A	.071" Thru-Hole, Snap Body	Clear PVC
PPM0310	.089" Thru-Hole, Snap Body	Clear PVC



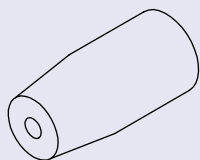
Part Number	Description	Material
PPM0277A	9F With Side Port	Clear PVC

PEDIATRIC TBA CAPS



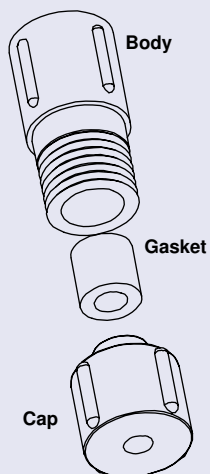
Part Number	Description	Material
PPM1101	.062" Thru-Hole	Natural Nylon
PPM0264K	.062" Thru-Hole	Cyrolite
PPM0264C	.062" Thru-Hole	Blue Triax
PPM0304B	.070" Thru-Hole	Natural Nylon
PPM0268W	.070" Thru-Hole	Natural Triax
PPM0761A	.072" Thru-Hole, Positive Stop	Blue Triax
PPM0268B	.089" Thru-Hole	Blue Triax
PPM0268R	.089" Thru-Hole	Red Triax
PPM0301B	.112" Thru-Hole, Probe Extension	Clear PVC
PPM0302T	.112" Thru-Hole, Probe Extension	Blue Triax
PPM0283A	.120" Thru-Hole	Blue Triax

PEDIATRIC TBA GASKETS

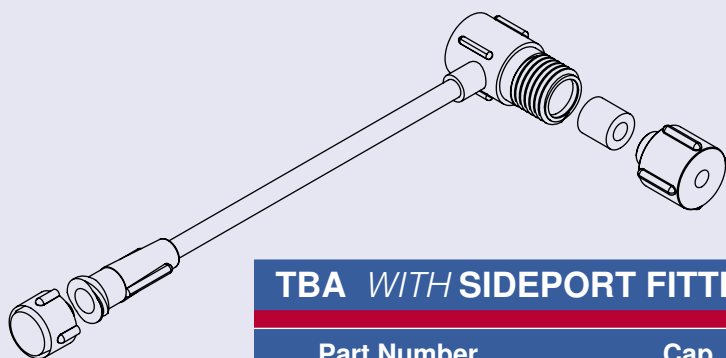


Part Number	Size	Material
PPM0634A	.025" ID	Natural Kraton
PPM0631	.039" ID	Natural Kraton
PPM0628A	.048" ID	Blue Kraton
PPM0629A	.050" ID	White Kraton
PPM0637	.057" ID	White Kraton
PPM0633A	.076" ID	Grey Kraton
PPM0636A	.084" ID	Natural Kraton

TOUHY BORST ADAPTERS

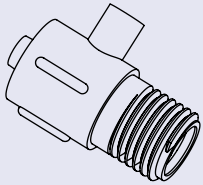
TBA *WITHOUT* SIDEPORT FITTING

Part Number	Cap	Body	Gasket
AC1331	PPM0261C	PPM1079	PPO1433
AC1350	PPM0261C	PPM1079	PPO1437
AC1351	PPM0261C	PPM1079	PPO1432
AC1353	PPM1406	PPM1079	PPO1432
AC1354	PPM0261C	PPM1079	SA1058
AC1356	PPM0261C	PPM1079	PPO1438
AC1358	PPM1037	PPM0260R	PPO1434
AC1362	PPM0261C	PPM1079	SA1051
AC1369	PPM1037	PPM1079	SA1058
AC1375	PPM0261C	PPM1079	PPO1426
AC1379	PPM1037	PPM0260R	SA1051
AC1383	PPM1037	PPM0260R	PPO1432
AC1386	PPM1037	PPM0260R	SA1046

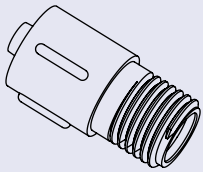
TBA *WITH* SIDEPORT FITTING

Part Number	Cap	Body	Gasket
AC1366	PPM0261C	PPM0267B-T	SA1058
AC1372	PPM0261C	PPM0266A-T	PPO1433
AC1373	PPM0261C	PPM0266A-T	PPO1432
AC1377	PPM0264C	PPM0266A-T	PPO1430

TBA BODIES

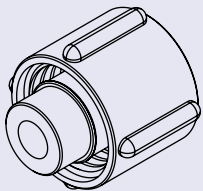


Part Number	Description	Material	Sideport
PPM0267B	.115" Thru-Hole	Clear PVC	Yes
PPM0266A	.120" Thru-Hole	Clear PVC	Yes
PPM0266R	.120" Thru-Hole	Radiation Stabilized PVC	Yes



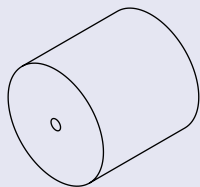
Part Number	Description	Material	Sideport
PPM1079	.120" Thru-Hole	Clear PVC	No
PPM0260R	.120" Thru-Hole	Radiation Stabilized PVC	No
PPM0766A	.052" Thru-Hole	Clear PVC	No

TBA CAPS



Part Number	Description	Material
PPM0312A	.078" Thru-Hole	Blue Triax
PPM0261C	.120" Thru-Hole	Blue Triax
PPM1037	.120" Thru-Hole	Natural Nylon
PPM1406	.120" Thru-Hole	Clear PVC
PPM0278A	.144" Thru-Hole	Blue Triax
PPM0262C	.165" Thru-Hole	Blue Triax
PPM0285B	.165" Thru-Hole	HDPE
PPM1080	.165" Thru-Hole	Natural Nylon

TBA GASKETS



Part Number	Description	Material
PPO1426	.025" ID	40 Durometer Silicone
PPO1438	.040" ID	40 Durometer Silicone
SA1045	.040" ID	40 Durometer Silicone
SA1058	.052" ID	40 Durometer Silicone
PPO1430	.055" ID	50 Durometer Silicone
SA1046	.062" ID	40 Durometer Silicone
PPO1437	.062" ID	40 Durometer Silicone
SA1048	.068" ID	40 Durometer Silicone
SA1057	.074" ID	50 Durometer Silicone
SA1051	.081" ID	50 Durometer Silicone
PPO1432	.100" ID	50 Durometer Silicone
SA1306	.113" ID	40 Durometer Silicone
PPO1433	.125" ID	50 Durometer Silicone
PPO1434	.125" ID	40 Durometer Silicone

SECTION SEVEN

MACHINED DEVICES



MACHINED DEVICES





MACHINED DEVICES

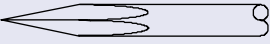
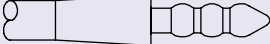
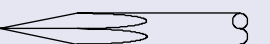
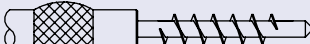
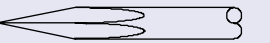

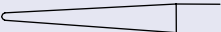






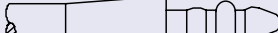


Martech®'s experience and knowledge allow the use of varying platforms to create both simple and complex machined parts. Through the latest technologies, Martech® can assure tightly toleranced parts, ideal for creating notches, holes, multiple angles and a variety of other features. Martech®'s machined parts are the perfect compliment for your device or design.

- *Trocars / Tunnelers* 56
- *Sleeves* 57

** All Stainless Steel Trocars Can Be Fully Annealed Upon Request.*

TROCARS / TUNNELERS

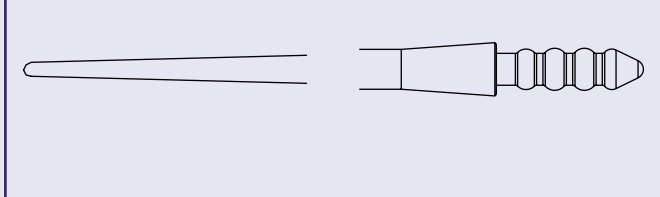
 -STAINLESS STEEL
 -CAN BE FULLY ANNEALED
 -CAN BE USED WITH ANY MARTECH FOOTBALL TUNNELER
 -CAN BE USED WITH ANY MARTECH SLEEVE

DISTAL	PROXIMAL	Part Number	Description *
		PPO1240	Trocar, 303 SS, 6" x 0.125
		PPO1186	Trocar, 303 SS, 6" x 0.125
		PPO1243	Trocar, 303 SS, 6" x 0.125
		PPO1242	Tunnelers, 303 SS, 6" x 0.125"
		PPO1246	Tunnelers, 303 SS, 6.5" x .125 (0.115 Barb)
		PPO1241	Tunnelers, 303 SS, 6" x 0.125"
		PPO1881	Tunnelers, 303 SS, 6.5" x 0.125" (.103" Large Middle Barb)
		PPO1882	Tunnelers, White Nylon, 12.9" x 0.182"

TROCARS / TUNNELERS

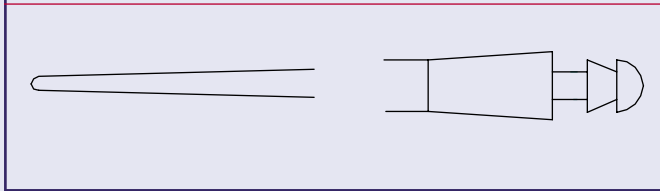
- STAINLESS STEEL**
- CAN BE FULLY ANNEALED**
- CAN BE USED WITH ANY MARTECH FOOTBALL TUNNELER**
- CAN BE USED WITH ANY MARTECH SLEEVE**

DISTAL **PROXIMAL**



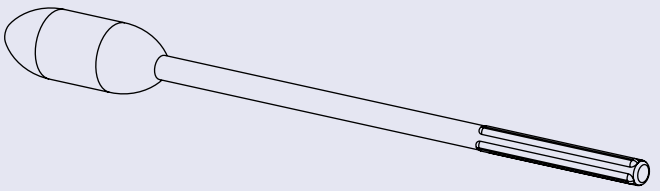
Part Number	Description
PPO1883	Tunneler, 303 SS, 8" x 0.125"

-
-
-



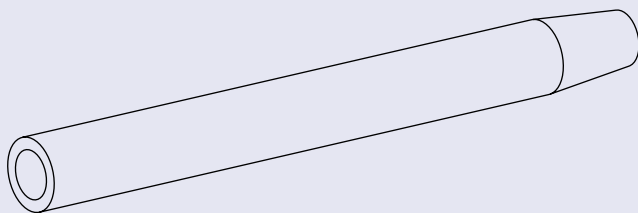
Part Number	Description
PPO1883	Tunneler, 303 SS, 8" x 0.125"

-
-
-



Part Number	Description
PPO1247	Plastic Football Tunneler With Brass Insert-Venous-Blue Handle
PPO1248	Plastic Football Tunneler With Brass Insert-Arterial-Red Handle

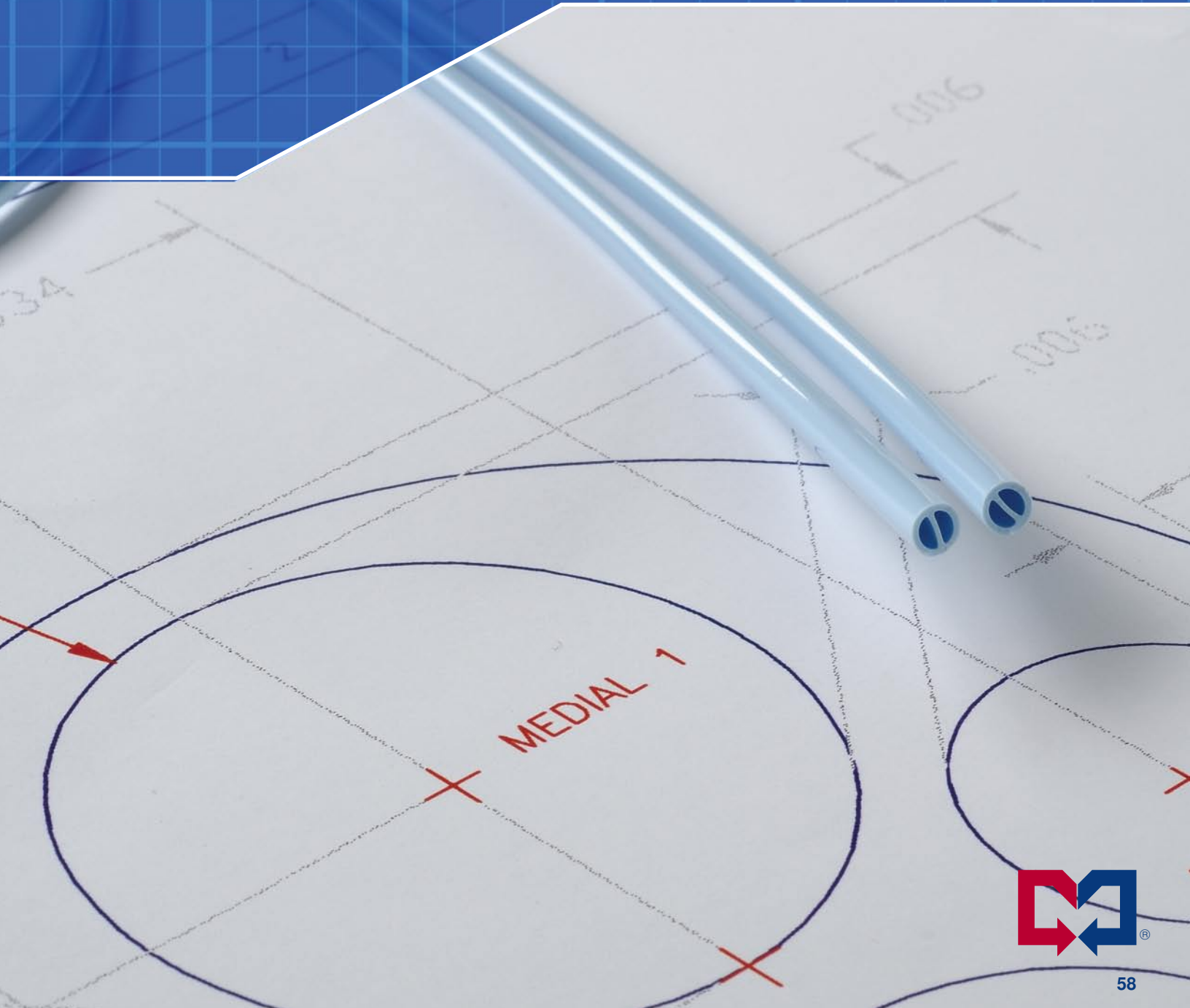
SLEEVES



Part Number	Description
PPO1884	Trocar Tunneler Sleeve (5.75" Long)
PPO1885	Opti-Flow Tunneler Sleeve (2.95" Long)

SECTION EIGHT

EXTRUSION





SECTION EIGHT

EXTRUSION

EXTRUSION

At Martech® Medical, the extrusion department is the heart of our operation. Over the last 30 years, Martech® has grown from a specialty extrusion house to a world wide recognized leader for medical grade extrusions. Our engineers utilize their tacit knowledge to turn the most complex extrusions with the lowest tolerances, into routine.

With our in-house tooling capabilities and ability to extrude a magnitude of tubing, in a short period, our extrusion division can save your group a significant amount of time and money.

• *Worksheet* 60

KNOWLEDGE

MARTECH® MEDICAL EXTRUSION WORKSHEET

www.martechmedical.com

1. PHOTOCOPY OR TEAR OUT SHEET 2. FILL OUT FORM 3. FAX OR MAIL TO MARTECH®

PLEASE USE THIS WORKSHEET AS AN INITIAL STEP IN THE EXTRUSION PROCESS.
MARTECH® FAX NUMBER: 215.256.8837

MAIL TO: 1500 DELP DRIVE
HARLEYSVILLE, PA 19438

CONTACT INFORMATION:

NAME: _____ COMPANY: _____

PHONE: _____ ADDRESS: _____

E-MAIL: _____

DESCRIPTION: _____

EXTRUSION SPECIFICATIONS:

MATERIALS

- Polyurethane
- Polyethylene
- Polypropylene
- PVC
- FEP
- Nylon
- Copolymers
- Thermoplastic Elastomers
- Pebax
- Other _____

CAPABILITIES

- Single Lumen Tubing
- Multi Lumen Tubing
- Profile Tubing
- Bump/Tapered Tubing
- Radiopaque Tubing
- Striping
- Vacuum Sizing
- Wire Coating

DIMENSIONS*

OD: _____

ID: _____

WT: _____

TOLERANCES

OD: _____

ID: _____

WT: _____

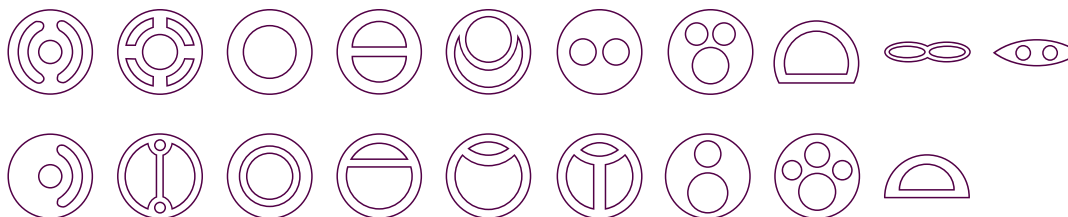
FILLERS

- Barium Sulfate
- Bismuth Trioxide
- Titanium Dioxide
- Custom Colors _____

AVAILABLE IN

- Coils
- Spools
- Hanks
- Custom Cut Length _____

CROSS SECTION EXAMPLES



DRAWING:

--	--

* DIMENSIONS RANGE FROM:
OD .015" - .480"
ID DOWN TO .005"
WT DOWN TO .002"

REV.	DATE	CR	DESCRIPTION
H	3/29/04	7825	CHG. ITEM 6 MATERIAL FROM...
I	4/2/04	7881	CHG. ITEM 11 DIAPHRAGM...
J	5/18/04	7934	CHG. LUER FROM 5...

SECTION NINE

FINISHED CATHETERS



ASSEMBLED

FINISHED CATHETERS

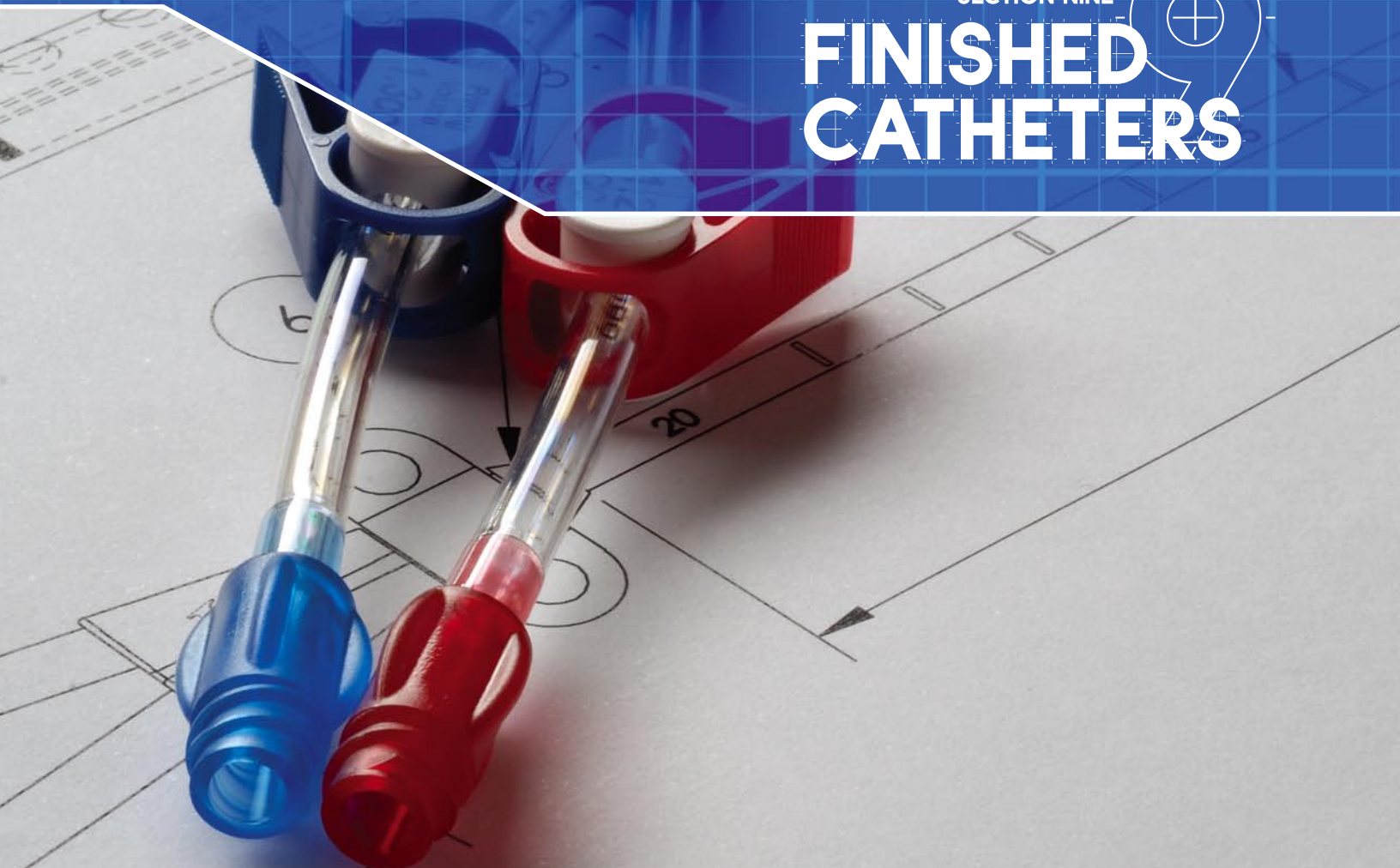
Martech® Medical has developed and produced many of the industry's leading catheter technologies.

Through collaborations with world renowned clinical experts and an experienced in-house engineering staff, Martech®'s catheters have become known through-out the world as the gold standard. The catheters are unique, utilizing the most advanced designs and thermoplastic polymers. Your patients deserve nothing but the best in medical design, give them the Martech® Medical finished catheter line.

• Polyurethane CVC	64
• Long Term Silicone CVC	66
• Short Term Polyurethane	67
• Short Term Silicone	69
• PICC Line	70

SECTION NINE

FINISHED CATHETERS



POLYURETHANE CENTRAL VEIN CATHETERS



CATHETER DETAILS



Part Number	Description
<i>Single & Double Lumen</i>	
AC2110C	14GA X 15CM Single Lumen Catheter
AC2111C	14GA X 20CM Single Lumen Catheter
AC2112C	14GA X 30CM Single Lumen Catheter
AC2120C	16GA X 15CM Single Lumen Catheter
AC2121C	16GA X 20CM Single Lumen Catheter
AC2122C	16GA X 30CM Single Lumen Catheter
AC2130C	18GA X 15CM Single Lumen Catheter
AC2131C	18GA X 20CM Single Lumen Catheter
AC2132C	18GA X 30CM Single Lumen Catheter
AC2140C	20GA X 13CM Single Lumen Catheter
AC1720G	7FR X 15CM Double Lumen Catheter
AC1721G	7FR X 20CM Double Lumen Catheter
AC1722G	7FR X 30CM Double Lumen Catheter
<i>Triple & Quad Lumen</i>	
AC1730G	7FR X 15CM Triple Lumen Catheter
AC1731G	7FR X 20CM Triple Lumen Catheter
AC1732G	7FR X 30CM Triple Lumen Catheter
AC4095G	8.5FR X 15CM Quad Lumen Catheter
AC4094G	8.5FR X 20CM Quad Lumen Catheter
AC4096G	8.5FR X 30CM Quad Lumen Catheter

POLYURETHANE CENTRAL VEIN CATHETERS



SMALL BORE

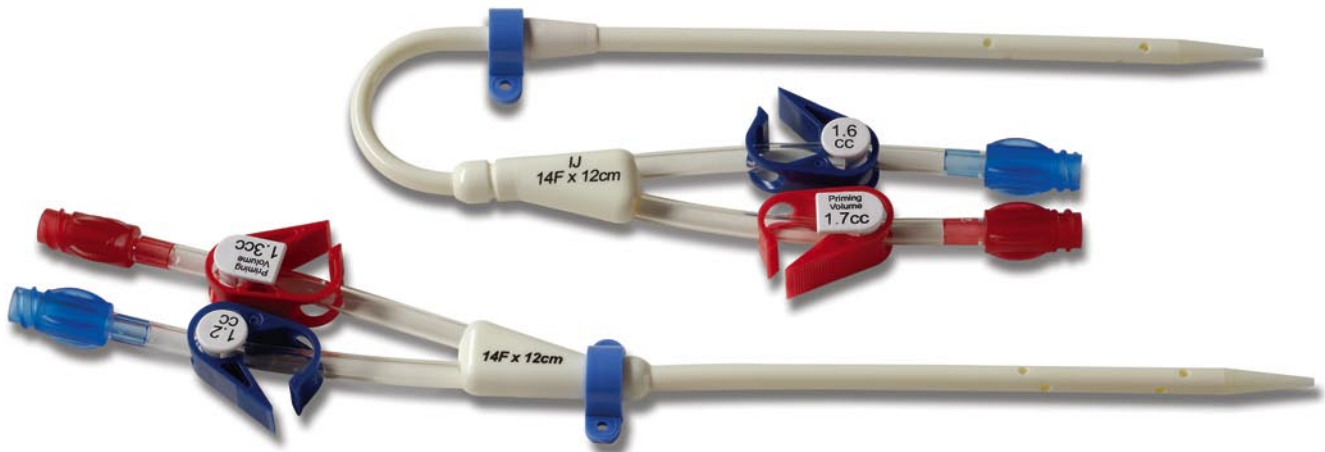
Part Number	Description
<i>Double Lumen</i>	
AC1736G	4FR X 5CM Double Lumen Catheter
AC1737G	4FR X 8CM Double Lumen Catheter
AC1738G	4FR X 13CM Double Lumen Catheter
AC1923G	4FR X 18CM Double Lumen Catheter
AC1739G	4FR X 30CM Double Lumen Catheter
AC1726G	5FR X 5CM Double Lumen Catheter
AC1727G	5FR X 8CM Double Lumen Catheter
AC1725G	5FR X 13CM Double Lumen Catheter
AC1729G	5FR X 20CM Double Lumen Catheter
AC1724G	5FR X 30CM Double Lumen Catheter
<i>Triple Lumen</i>	
AC1734G	5.5FR X 8CM Triple Lumen Catheter
AC1735G	5.5FR X 13CM Triple Lumen Catheter
AC1733G	5.5FR X 30CM Triple Lumen Catheter

LONG TERM SILICONE CENTRAL VEIN CATHETERS



Part Number	Description
AC5200	6FR X 90CM Single Lumen Catheter
AC5201	7FR X 90CM Single Lumen Catheter
AC5202	9.5FR X 90CM Single Lumen Catheter
AC5203	7FR X 90CM Double Lumen Catheter
AC5204	9.5FR X 90CM Double Lumen Catheter
AC5205	11FR X 90CM Double Lumen Catheter
AC5206	14FR X 90CM Double Lumen Catheter
AC5207	12.5FR X 90CM Triple Lumen Catheter

SHORT TERM POLYURETHANE CATHETERS



DOUBLE LUMEN / STRAIGHT AND CURVED

Part Number	Description
AC1940G	14FR X 12CM Double Lumen Catheter
AC1941G	14FR X 15CM Double Lumen Catheter
AC1942G	14FR X 20CM Double Lumen Catheter
AC1943G	14FR X 24CM Double Lumen Catheter
AC1940JSWG	14FR X 12CM Double Lumen Catheter
AC1941JSWG	14FR X 15CM Double Lumen Catheter
AC1942JSWG	14FR X 20CM Curved Double Lumen Catheter
AC1943JSWG	14FR X 24CM Curved Double Lumen Catheter



MULTI-LUMEN CATHETERS

Part Number	Description
<i>Double Lumen</i>	
AC4210	12FR X 13CM Double Lumen Catheter
AC4211	12FR X 15CM Double Lumen Catheter
AC4212	12FR X 20CM Double Lumen Catheter
AC4213	12FR X 24CM Double Lumen Catheter
AC1705G	9FR X 12CM Double Lumen Catheter
AC1706G	9FR X 15CM Double Lumen Catheter
AC1707G	9FR X 20CM Double Lumen Catheter
AC1700G	11.5FR X 12CM Double Lumen Catheter
AC1701G	11.5FR X 15CM Double Lumen Catheter
AC1702G	11.5FR X 20CM Double Lumen Catheter
<i>Triple Lumen</i>	
AC1954G	11.5FR X 12CM Triple Lumen Catheter
AC1955G	11.5FR X 15CM Triple Lumen Catheter
AC1956G	11.5FR X 20CM Triple Lumen Catheter

SHORT TERM SILICONE CATHETERS



DOUBLE LUMEN

Part Number	Description
AC1507-CG	8FR X 12CM Double Lumen Catheter
AC1410G	11.5FR X 15CM Double Lumen Catheter
AC1411G	11.5FR X 20CM Double Lumen Catheter
PPO1222	11.5FR X 24CM Double Lumen Catheter

PICC LINE

Infusion Catheters



High Pressure Catheters



INFUSION AND HIGH PRESSURE

Part Number

Description

Infusion Catheters

AC3199	3FR x 60CM Single Lumen Catheter with Reverse Taper; White Hub
AC1657	3FR x 60CM Single Lumen Catheter with Reverse Taper; Blue Hub
AC3198	4FR x 60CM Single Lumen Catheter with Reverse Taper; White Hub
AC1658	4FR x 60CM Single Lumen Catheter with Reverse Taper; Blue Hub
AC3197	5FR x 60CM Single Lumen Catheter with Reverse Taper; White Hub
AC1659	5FR x 60CM Single Lumen Catheter with Reverse Taper; Blue Hub
AC1668	3FR x 60CM Double Lumen Catheter with Reverse Taper; White Hub
AC2647	3FR x 60CM Double Lumen Catheter with Reverse Taper; Blue Hub
AC2650	4FR x 60CM Double Lumen Catheter with Reverse Taper; White Hub
AC3197	4FR x 60CM Double Lumen Catheter with Reverse Taper; Blue Hub
AC2652	5FR x 60CM Double Lumen Catheter with Reverse Taper; White Hub
AC2653	5FR x 60CM Double Lumen Catheter with Reverse Taper; Blue Hub

High Pressure Catheters

AC2661G	5FR x 60CM Single Lumen Catheter with Reverse Taper
AC2646G	6FR x 60CM Double Lumen Catheter with Reverse Taper



MEDICAL DEVICE DEVELOPMENT AND MANUFACTURING



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www.martechmedical.com

