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PTA Balloon Dilatation Catheter – Over the Wire Dual Lumen

Each case is different

BIOTEQ® Over the wire dual lumen balloon dilatation catheter offers high performance artery dilatation. For the treatment of obstructive lesions on native or synthetic arteriovenous dialysis fistula or superficial femoral artery occlusion (SFA), this product delivers cost-effective solution for all patients.

When it comes to safety, everybody counts.

- Low compliant balloon with material reinforced Nylon provides powerful penetration to obstructive lesions.
- The inflated balloon provides excellent abrasion resistance when compressing the arteriosclerotic plaque.
- Premium penta fold technology facilitates smooth entry, crossing and withdrawal.
- Improved retrieving profile expedites easier crossing through tight stenosis and occlusions.
- A refolder is provided to remodel a deflated balloon back to its original collapsed configuration over several balloon dilatation process.
- Guidewire compatibility: 0.035".
- Specially designed radiopaque tapered tip for advanced crossability and provide x-ray visibility of the catheter, the flexible tip is closely meshed with the guide wire, fish-mouth phenomenon is minimized.

Technical Specifications

Catheter Design:ose	Over the Wire(OTW), dual lumen shaft
Range of Diameter:	Ø 4,5,6,7,8,10mm
Range of Length: meter	40, 60, 80mm
Guidewire Compatibility	0.035"
Usable shaft length:	75,120cm
Balloon material:	Nylon
Rated Burst Pressure(RBP):	Up to 21 ATM



Over The Wire Dual Lumen

Product Code	Balloon Diameter (mm)	Balloon Length (mm)	Catheter Length (cm)	Recommended Guidewire Size (inch)	Nominal Pressure (atm)	Rated Burst Pressure (atm)	Recommended Introducer Sheath Size (Fr)
BT-BC-D5-4-40-40	4	40	40	0.035	6	21	6
BT-BC-D5-4-60-40	4	60	40	0.035	6	21	6
BT-BC-D5-4-80-40	4	80	40	0.035	6	21	6
BT-BC-D5-5-40-40	5	40	40	0.035	5	21	6
BT-BC-D5-5-60-40	5	60	40	0.035	5	21	6
BT-BC-D5-5-80-40	5	80	40	0.035	5	21	6
BT-BC-D5-6-40-40	6	40	40	0.035	6	23	6
BT-BC-D5-6-60-40	6	60	40	0.035	8	22	6
BT-BC-D5-6-80-40	6	80	40	0.035	8	22	6
BT-BC-D5-7-40-40	7	40	40	0.035	11	20	6
BT-BC-D5-7-60-40	7	60	40	0.035	10	17	6
BT-BC-D5-7-80-40	7	80	40	0.035	10	17	6
BT-BC-D5-8-40-40	8	40	40	0.035	4	15	6
BT-BC-D5-8-60-40	8	60	40	0.035	3	13	6
BT-BC-D5-8-80-40	8	80	40	0.035	3	13	6
BT-BC-D5-10-40-40	10	40	40	0.035	6	9	7
BT-BC-D5-4-40-75	4	40	75	0.035	6	21	6
BT-BC-D5-4-60-75	4	60	75	0.035	6	21	6
BT-BC-D5-4-80-75	4	80	75	0.035	6	21	6
BT-BC-D5-5-40-75	5	40	75	0.035	5	21	6
BT-BC-D5-5-60-75	5	60	75	0.035	5	21	6
BT-BC-D5-5-80-75	5	80	75	0.035	5	21	6
BT-BC-D5-6-40-75	6	40	75	0.035	6	23	6
BT-BC-D5-6-60-75	6	60	75	0.035	8	22	6
BT-BC-D5-6-80-75	6	80	75	0.035	8	22	6
BT-BC-D5-7-40-75	7	40	75	0.035	11	20	6
BT-BC-D5-7-60-75	7	60	75	0.035	10	17	6
BT-BC-D5-7-80-75	7	80	75	0.035	10	17	6
BT-BC-D5-8-40-75	8	40	75	0.035	4	15	6
BT-BC-D5-8-60-75	8	60	75	0.035	3	13	6
BT-BC-D5-8-80-75	8	80	75	0.035	3	13	6
BT-BC-D5-10-40-75	10	40	75	0.035	6	9	7
BT-BC-D5-4-40-120	4	40	120	0.035	6	21	6
BT-BC-D5-4-60-120	4	60	120	0.035	6	21	6
BT-BC-D5-4-80-120	4	80	120	0.035	6	21	6
BT-BC-D5-5-40-120	5	40	120	0.035	5	21	6
BT-BC-D5-5-60-120	5	60	120	0.035	5	21	6
BT-BC-D5-5-80-120	5	80	120	0.035	5	21	6
BT-BC-D5-6-40-120	6	40	120	0.035	6	23	6
BT-BC-D5-6-60-120	6	60	120	0.035	8	22	6
BT-BC-D5-6-80-120	6	80	120	0.035	8	22	6
BT-BC-D5-7-40-120	7	40	120	0.035	11	20	6
BT-BC-D5-7-60-120	7	60	120	0.035	10	17	6
BT-BC-D5-7-80-120	7	80	120	0.035	10	17	6
BT-BC-D5-8-40-120	8	40	120	0.035	4	15	6
BT-BC-D5-8-60-120	8	60	120	0.035	3	13	6
BT-BC-D5-8-80-120	8	80	120	0.035	3	13	6
BT-BC-D5-10-40-120	10	40	120	0.035	6	9	7

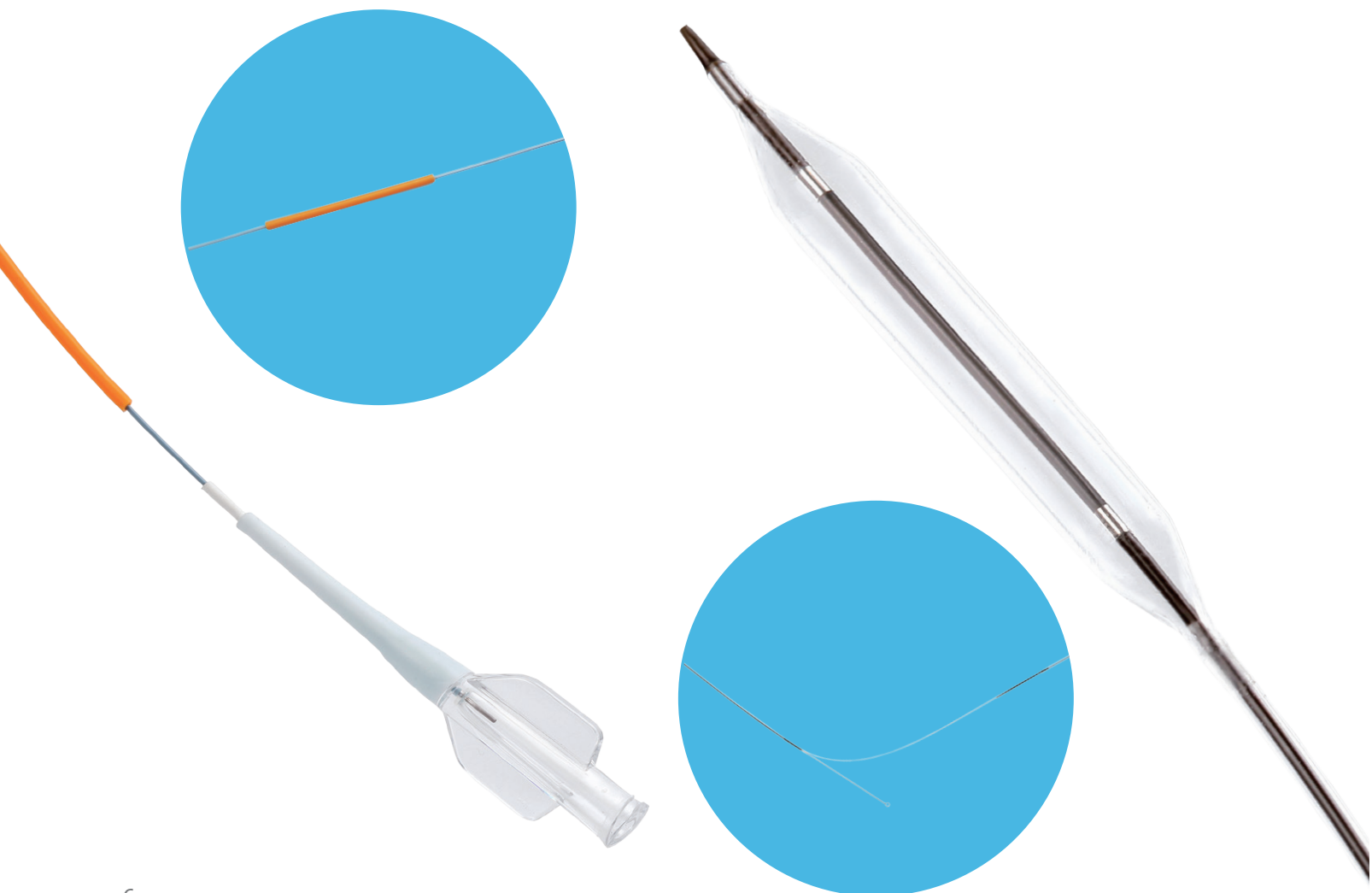
PTA Balloon Dilatation Catheter – Rapid Exchange

Each case is different

BIOTEQ *Rapid Exchange* balloon dilatation catheter is designed for peripheral applications in the peripheral vasculature, including popliteal, renal and below-the-knee (BTK) arteries.

When it comes to safety, everybody counts.

- Semi-compliance nylon balloon material exhibit relatively high tensile strength, controlled compliance and with lower resistance.
- With a side guidewire aperture design, balloon catheter can be operated by a single user when exchanging catheter.
- Superior triple balloon refolding characteristics.
- Low profile offers excellent lesion crossability.
- A refolder is provided to remodel a deflated balloon back to its original collapsed configuration over several balloon dilatation process.
- Guidewire compatibility: 0.014".
- Specially designed radiopaque tapered tip for advanced crossability of the catheter, the tip is closely meshed with the guide wire, fish-mouth phenomenon is minimized.



Technical Specifications

Catheter Design:ose	Rapid Exchange (RX)
Range of Diameter:	Ø 1.5, 2.0, 2.5, 3.0mm
Range of Length: meter	60, 80mm
Guidewire Compatibility	0.014"
Usable shaft length:	135,145cm
Balloon material:	Nylon
Rated Burst Pressure(RBP):	Up to 16 ATM

Rapid Exchange

Product Code	Balloon Diameter (mm)	Balloon Length (mm)	Catheter Length (cm)	Recommended Guidewire Size (inch)	Nominal Pressure (atm)	Rated Burst Pressure (atm)	Recommended Introducer Sheath Size(Fr)
BT-BC-R4-15-60-135	1.5	60	135	0.014	13	16	4
BT-BC-R4-15-80-135	1.5	80	135	0.014	13	16	4
BT-BC-R4-2-60-135	2.0	60	135	0.014	9	16	4
BT-BC-R4-2-80-135	2.0	80	135	0.014	9	16	4
BT-BC-R4-25-60-135	2.5	60	135	0.014	6	16	4
BT-BC-R4-25-80-135	2.5	80	135	0.014	6	16	4
BT-BC-R4-3-60-135	3.0	60	135	0.014	6	16	4
BT-BC-R4-3-80-135	3.0	80	135	0.014	6	16	4
BT-BC-R4-15-60-145	1.5	60	145	0.014	13	16	4
BT-BC-R4-15-80-145	1.5	80	145	0.014	13	16	4
BT-BC-R4-2-60-145	2.0	60	145	0.014	9	16	4
BT-BC-R4-2-80-145	2.0	80	145	0.014	9	16	4
BT-BC-R4-25-60-145	2.5	60	145	0.014	6	16	4
BT-BC-R4-25-80-145	2.5	80	145	0.014	6	16	4
BT-BC-R4-3-60-145	3.0	60	145	0.014	6	16	4
BT-BC-R4-3-80-145	3.0	80	145	0.014	6	16	4

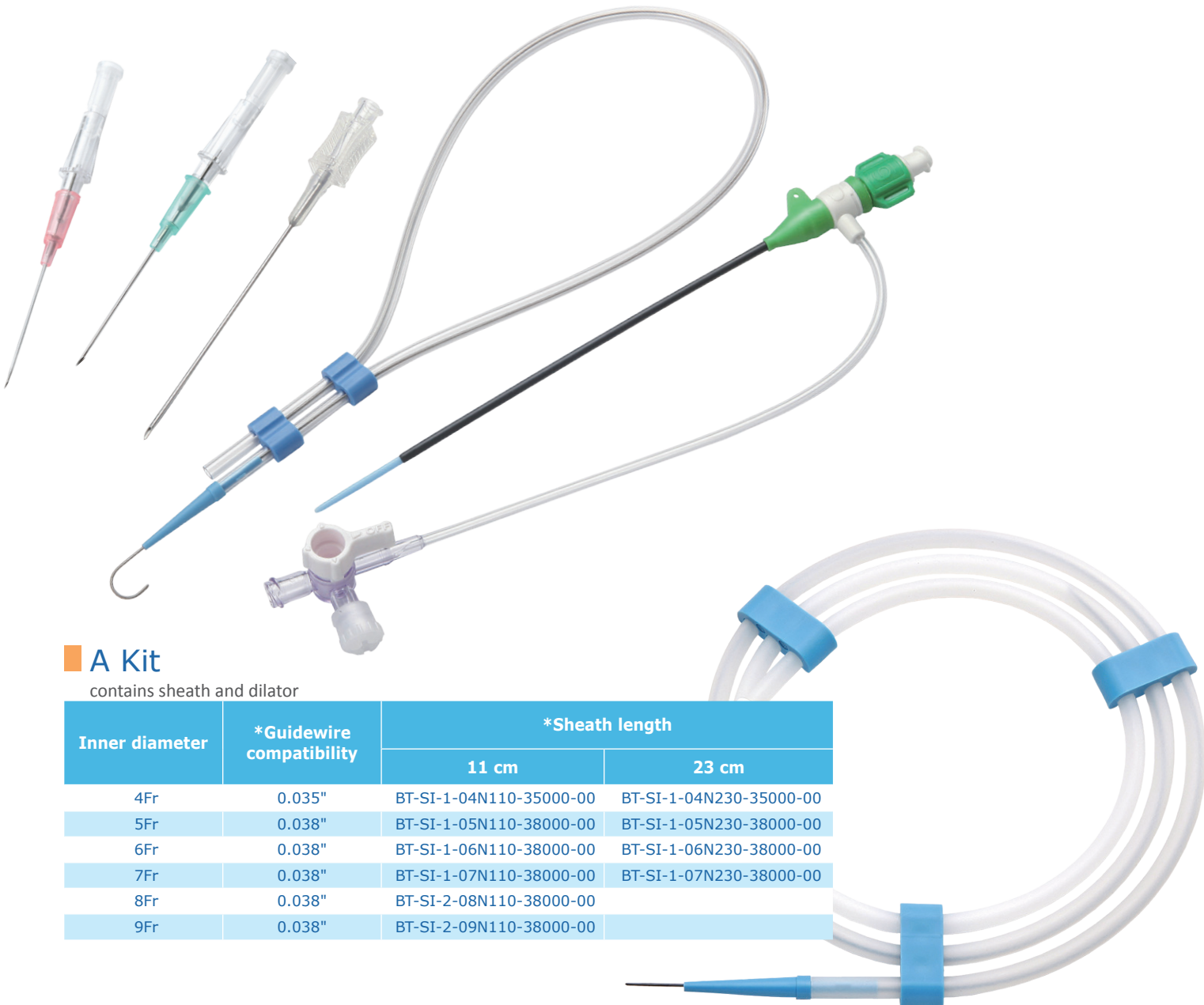
Sheath Introducer Kit

Each case is different

BIOTEQ Sheath Introducer Kit offers a wide variety of sets and sheaths in adult and pediatric sizes.

When it comes to safety, everybody counts.

- Provides smooth transition between sheath and dilator, material includes: ETFE, PP.
- Maximum flexibility without kinking or compression.
- Taper tip design to reduce potential tissue trauma.
- Lubricious sheath and dilator.
- Radiopaque sheath with hemostasis valve and sideport with attached 3-way stopcock.
- Different configurations and combinations are offered to meet your access needs.



A Kit

contains sheath and dilator

Inner diameter	*Guidewire compatibility	*Sheath length	
		11 cm	23 cm
4Fr	0.035"	BT-SI-1-04N110-35000-00	BT-SI-1-04N230-35000-00
5Fr	0.038"	BT-SI-1-05N110-38000-00	BT-SI-1-05N230-38000-00
6Fr	0.038"	BT-SI-1-06N110-38000-00	BT-SI-1-06N230-38000-00
7Fr	0.038"	BT-SI-1-07N110-38000-00	BT-SI-1-07N230-38000-00
8Fr	0.038"	BT-SI-2-08N110-38000-00	
9Fr	0.038"	BT-SI-2-09N110-38000-00	

B Kit

contains sheath, dilator and *guidewire

Inner diameter	*Guidewire compatibility	*Sheath length	
		11 cm	23 cm
4Fr	0.025"	BT-SI-1-044110-25045-00	BT-SI-1-044230-25080-00
5Fr	0.035"	BT-SI-1-054110-35045-00	BT-SI-1-054230-35080-00
6Fr	0.035"	BT-SI-1-064110-35045-00	BT-SI-1-064230-35080-00
7Fr	0.035"	BT-SI-1-074110-35045-00	BT-SI-1-074230-35080-00
8Fr	0.035"	BT-SI-1-084110-35045-00	
9Fr	0.035"	BT-SI-1-094110-35045-00	



Round Hub

C Kit

contains sheath, dilator, *guidewire and *entry needle

Inner diameter	*Guidewire compatibility	*Sheath length	
		11 cm	23 cm
4Fr	0.025"	BT-SI-1-044110-25045-13	BT-SI-1-044230-25080-13
5Fr	0.035"	BT-SI-1-054110-35045-11	BT-SI-1-054230-35080-11
6Fr	0.035"	BT-SI-1-064110-35045-11	BT-SI-1-064230-35080-11
7Fr	0.035"	BT-SI-1-074110-35045-11	BT-SI-1-074230-35080-11
8Fr	0.035"	BT-SI-1-084110-35045-11	
9Fr	0.035"	BT-SI-1-094110-35045-11	



Polygon Hub

D Kit

contains sheath, dilator, *guidewire, *entry needle and syringe

Inner diameter	*Guidewire compatibility	*Sheath length	
		11 cm	23 cm
4Fr	0.025"	BT-SI-1-044110-25045-33	BT-SI-1-044230-25080-33
5Fr	0.035"	BT-SI-1-054110-35045-31	BT-SI-1-054230-35080-31
6Fr	0.035"	BT-SI-1-064110-35045-31	BT-SI-1-064230-35080-31
7Fr	0.035"	BT-SI-1-074110-35045-31	BT-SI-1-074230-35080-31
8Fr	0.035"	BT-SI-1-084110-35045-31	
9Fr	0.035"	BT-SI-1-094110-35045-31	

E Kit

contains sheath, dilator, *guidewire, *entry needle, syringe and scalpel

Inner diameter	*Guidewire compatibility	*Sheath length	
		11 cm	23 cm
4Fr	0.025"	BT-SI-1-044110-25045-53	BT-SI-1-044230-25080-53
5Fr	0.035"	BT-SI-1-054110-35045-51	BT-SI-1-054230-35080-51
6Fr	0.035"	BT-SI-1-064110-35045-51	BT-SI-1-064230-35080-51
7Fr	0.035"	BT-SI-1-074110-35045-51	BT-SI-1-074230-35080-51
8Fr	0.035"	BT-SI-1-084110-35045-51	
9Fr	0.035"	BT-SI-1-094110-35045-51	

*Guidewire compatibility: 0.018", 0.021", 0.025", 0.035" for 4Fr~6Fr;
0.025", 0.035", 0.038" for 5Fr~7Fr;
0.035", 0.038" for 8Fr~9Fr;

*Sheath length: 5cm, 7cm, 10cm, 11cm, 16cm, 23cm, 25cm for 4Fr~7Fr;
5cm, 7cm, 10cm, 11cm for 8Fr~9Fr;

*Guidewire: Stainless steel guidewire or Hydrophilic coated guidewire

*Entry needle: Puncture needle or IV Catheter

Sheath Introducer Kit Trans Radial

Each case is different

The **BIOTEQ** *Sheath Introducer Kit Trans Radial* are specifically designed for patients undergoing transradial catheterization procedures.

When it comes to safety, everybody counts

- Provides smooth transition between sheath and dilator, material includes: ETFE, PP.
- Taper tip design to reduce potential tissue trauma, provide easier radial access.
- Lubricious Silicone-coated for smooth access through skin and arterial wall.
- Radiopaque sheath with hemostasis valve and sideport with attached 3-way stopcock.
- Different configurations and combinations are offered to meet your access needs.



C Kit

contains sheath, dilator, guidewire and puncture needle

Inner diameter	Sheath length			Spec.
	7 cm	10 cm	11 cm	
4Fr	BT-SI-2-042070-21045-15	BT-SI-2-042100-21045-15	BT-SI-2-042110-21045-15	"0.021""GW*45cm, Stainless, Straight tip 21G*40mm Puncture needle
5Fr	BT-SI-2-052070-21045-15	BT-SI-2-052100-21045-15	BT-SI-2-052110-21045-15	
6Fr	BT-SI-2-062070-21045-15	BT-SI-2-062100-21045-15	BT-SI-2-062110-21045-15	
4Fr	BT-SI-2-044070-25045-13	BT-SI-2-044100-25045-13	BT-SI-2-044110-25045-13	"0.025""GW*45cm, Stainless, J-Tip, Double Distal 20G*38mm Puncture needle
5Fr	BT-SI-2-054070-25045-13	BT-SI-2-054100-25045-13	BT-SI-2-054110-25045-13	
6Fr	BT-SI-2-064070-25045-13	BT-SI-2-064100-25045-13	BT-SI-2-064110-25045-13	
7Fr	BT-SI-2-074070-25045-13	BT-SI-2-074100-25045-13	BT-SI-2-074110-25045-13	

E Kit

contains sheath, dilator, guidewire, puncture needle, syringe and scalpel

Inner diameter	Sheath length			Spec.
	7 cm	10 cm	11 cm	
4Fr	BT-SI-2-042070-21045-55	BT-SI-2-042100-21045-55	BT-SI-2-042110-21045-55	"0.021""GW*45cm, Stainless, Straight tip 21G*40mm Puncture needle Syringe 3ml /Scalpel #11
5Fr	BT-SI-2-052070-21045-55	BT-SI-2-052100-21045-55	BT-SI-2-052110-21045-55	
6Fr	BT-SI-2-062070-21045-55	BT-SI-2-062100-21045-55	BT-SI-2-062110-21045-55	
4Fr	BT-SI-2-044070-25045-53	BT-SI-2-044100-25045-53	BT-SI-2-044110-25045-53	"0.025""GW*45cm, Stainless, J-TIP, Double Distal 20G*38mm Puncture needle Syringe 3ml /Scalpel #11
5Fr	BT-SI-2-054070-25045-53	BT-SI-2-054100-25045-53	BT-SI-2-054110-25045-53	
6Fr	BT-SI-2-064070-25045-53	BT-SI-2-064100-25045-53	BT-SI-2-064110-25045-53	
7Fr	BT-SI-2-074070-25045-53	BT-SI-2-074100-25045-53	BT-SI-2-074110-25045-53	



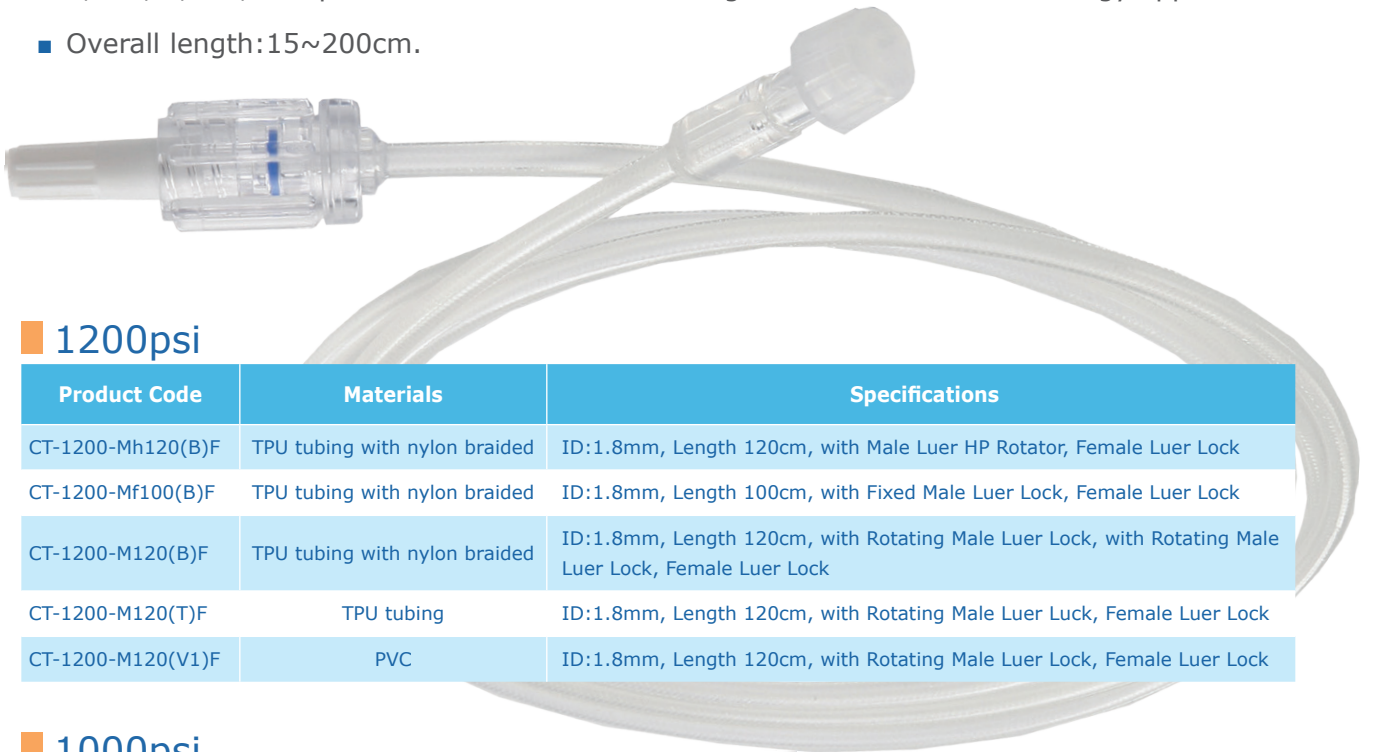
High Pressure Connecting Tube- High Pressure Lines

Each case is different

BIOTEQ® High Pressure Lines offers a variety of different configurations for contrast injection or pressure transduction and monitoring.

When it comes to safety, everybody counts

- Made of the medical grade material with pressure resistance, doesn't leak and crack when injection with high-pressure.
- Material includes: Nylon braided TPU, TPU, PVC.
- Intended to access the vasculature for the controlled infusion of diagnostic materials such as contrast media or for the pressure conduction and the monitor uses.
- 1,200, 1,000, 900 psi can be used in a broad range of interventional cardiology applications.
- Overall length: 15~200cm.



1200psi

Product Code	Materials	Specifications
CT-1200-Mh120(B)F	TPU tubing with nylon braided	ID:1.8mm, Length 120cm, with Male Luer HP Rotator, Female Luer Lock
CT-1200-Mf100(B)F	TPU tubing with nylon braided	ID:1.8mm, Length 100cm, with Fixed Male Luer Lock, Female Luer Lock
CT-1200-M120(B)F	TPU tubing with nylon braided	ID:1.8mm, Length 120cm, with Rotating Male Luer Lock, with Rotating Male Luer Lock, Female Luer Lock
CT-1200-M120(T)F	TPU tubing	ID:1.8mm, Length 120cm, with Rotating Male Luer Lock, Female Luer Lock
CT-1200-M120(V1)F	PVC	ID:1.8mm, Length 120cm, with Rotating Male Luer Lock, Female Luer Lock

1000psi

Product Code	Materials	Specifications
CT-1000-Mh100(T)F	TPU tubing	ID:1.8mm, Length 100cm, with Male Luer HP Rotator, Female Luer Lock
CT-1000-M100(T)F	TPU tubing	ID:1.8mm, Length 100cm, with Rotating Male Luer Lock, Female Luer Lock

900psi

Product Code	Materials	Specifications
CT-900-Mh100F	PVC	ID:2.2mm, Length 100cm, with Male Luer HP Rotator, Female Luer Lock
CT-900-M120(T)F	TPU tubing	ID:2.1mm, Length 120cm, with Rotating Male Luer Lock, Female Luer Lock

High Pressure Connecting Tube- Low Pressure Lines

Each case is different

BIOTEQ® Low Pressure Lines offers a variety of different configurations for contrast injection or pressure transduction and monitoring.

When it comes to safety, everybody counts.

- Made of the medical grade material with pressure resistance, doesn't leak and crack when injection with high-pressure.
- Material includes: PVC, PE, PP.
- Intended to access the vasculature for the controlled infusion of diagnostic materials such as contrast media or for the pressure conduction and the monitor uses.
- 800, 600,500, 450, 300 psi can be used in a broad range of interventional cardiology applications.
- Overall length:15~500cm.



800psi

Product Code	Materials	Specifications
CT-800C-M200 (P)F	PP	ID:1.0mm, Length 200cm, coil type, with Female Luer Lock
CT-800-M200(P)F	PP	ID:1.0mm, Length 200cm, with Female Luer Lock

600psi

Product Code	Materials	Specifications
CT-600-M100(E)F	PE	ID:1.0mm, Length 100cm, with Female Luer Lock
CT-600C-M200(E1)F	PE	ID:1.5mm, Coil Type, Length 200cm, with Female Luer Lock
CT-600C-M300(P1)F	PP	ID:1.5mm, Coil Type, Length 300cm, with Female Luer Lock

450psi

Product Code	Materials	Specifications
CT-450Y-M120F	PVC	ID:1.0mm, Coil Type, Length 120cm, with Female Luer Lock
CT-450CY-M200F-N	PVC	ID:1.5mm, Coil+Y Type, Length 200cm, with Female Luer Lock, check valve

300psi

Product Code	Materials	Specifications
CT-300-M100S	PE	ID:2.5mm, Length 100cm, with Rotating Male Luer Lock, stopcock
CT-300-Mc20N130F	PE	ID:2.5mm, Length 130cm, with Male Luer Check Valve, Female Luer Lock
CT-300C-M200(V2)F	PVC	ID:1.5mm, Length 200cm, with Female Luer Lock

Angiographic Catheter –Multi-Pack

Each case is different

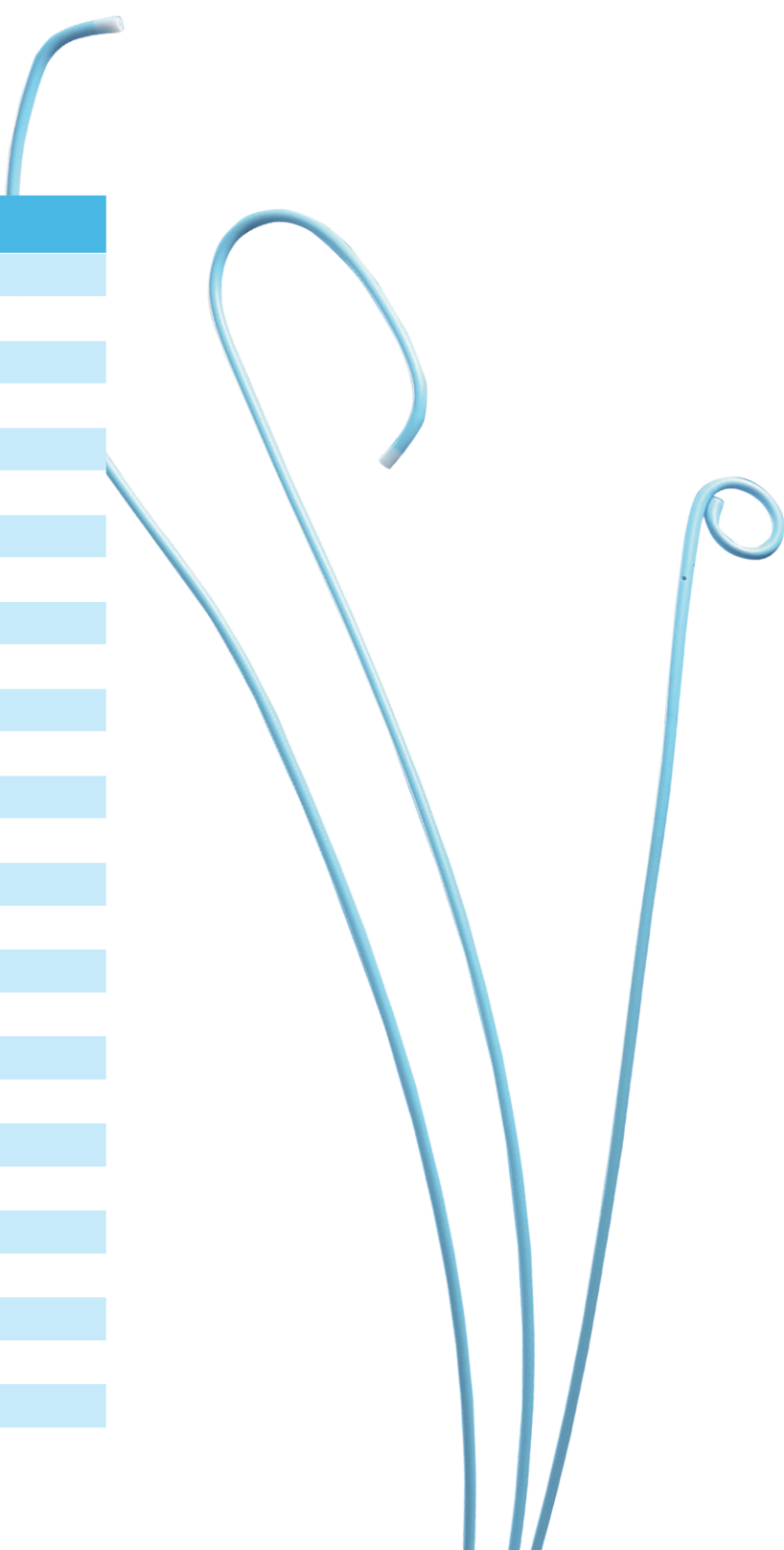
BIOTEQ® Multi-Pack offers a comprehensive sets of angiography sets for angiography.

When it comes to safety, everybody counts.

- **BIOTEQ®** Multi-Pack consists of Judkins right ,Judkins left and pigtail catheter in a wide choice of 4, 5, 6 Fr. to meet angiography requirements.
- The angiographic catheter provides excellent flow rates, optimal contrast medium delivery and vessel opacification.

Multi-Pack

Product Code	Specifications
BT-AC4-MPK1	4Fr, JR4.0/JL4.0/PIG
BT-AC5-MPK1	5Fr, JR4.0/JL4.0/PIG
BT-AC6-MPK1	6Fr, JR4.0/JL4.0/PIG
BT-AC4-MPK2	4Fr, JR3.5/JL3.5/PIG
BT-AC5-MPK2	5Fr, JR3.5/JL3.5/PIG
BT-AC6-MPK2	6Fr, JR3.5/JL3,5/PIG
BT-AC4-MPK3	4Fr, JR4.0/JL4.0/P145
BT-AC5-MPK3	5Fr, JR4.0/JL4.0/P145
BT-AC6-MPK3	6Fr, JR4.0/JL4.0/P145
BT-AC4-MPK4	4Fr, JR4.0/JL4.0
BT-AC5-MPK4	5Fr, JR4.0/JL4.0
BT-AC6-MPK4	6Fr, JR4.0/JL4.0
BT-AC4-MPK5	4Fr, JR3.5/JL3.5
BT-AC5-MPK5	5Fr, JR3.5/JL3.5
BT-AC6-MPK5	6Fr, JR3.5/JL3.5
BT-AC4-MPK6	4Fr, JR3.0/JL3.0
BT-AC5-MPK6	5Fr, JR3.0/JL3.0
BT-AC6-MPK6	6Fr, JR3.0/JL3.0
BT-AC4-MPK7	4Fr, JR4.5/JL4.5
BT-AC5-MPK7	5Fr, JR4.5/JL4.5
BT-AC6-MPK7	6Fr, JR4.5/JL4.5
BT-AC4-MPK8	4Fr, JR5.0/JL5.0
BT-AC5-MPK8	5Fr, JR5.0/JL5.0
BT-AC6-MPK8	6Fr, JR5.0/JL5.0
BT-AC4-MPK9	4Fr, JR6.0/JL6.0
BT-AC5-MPK9	5Fr, JR6.0/JL6.0
BT-AC6-MPK9	6Fr, JR6.0/JL6.0



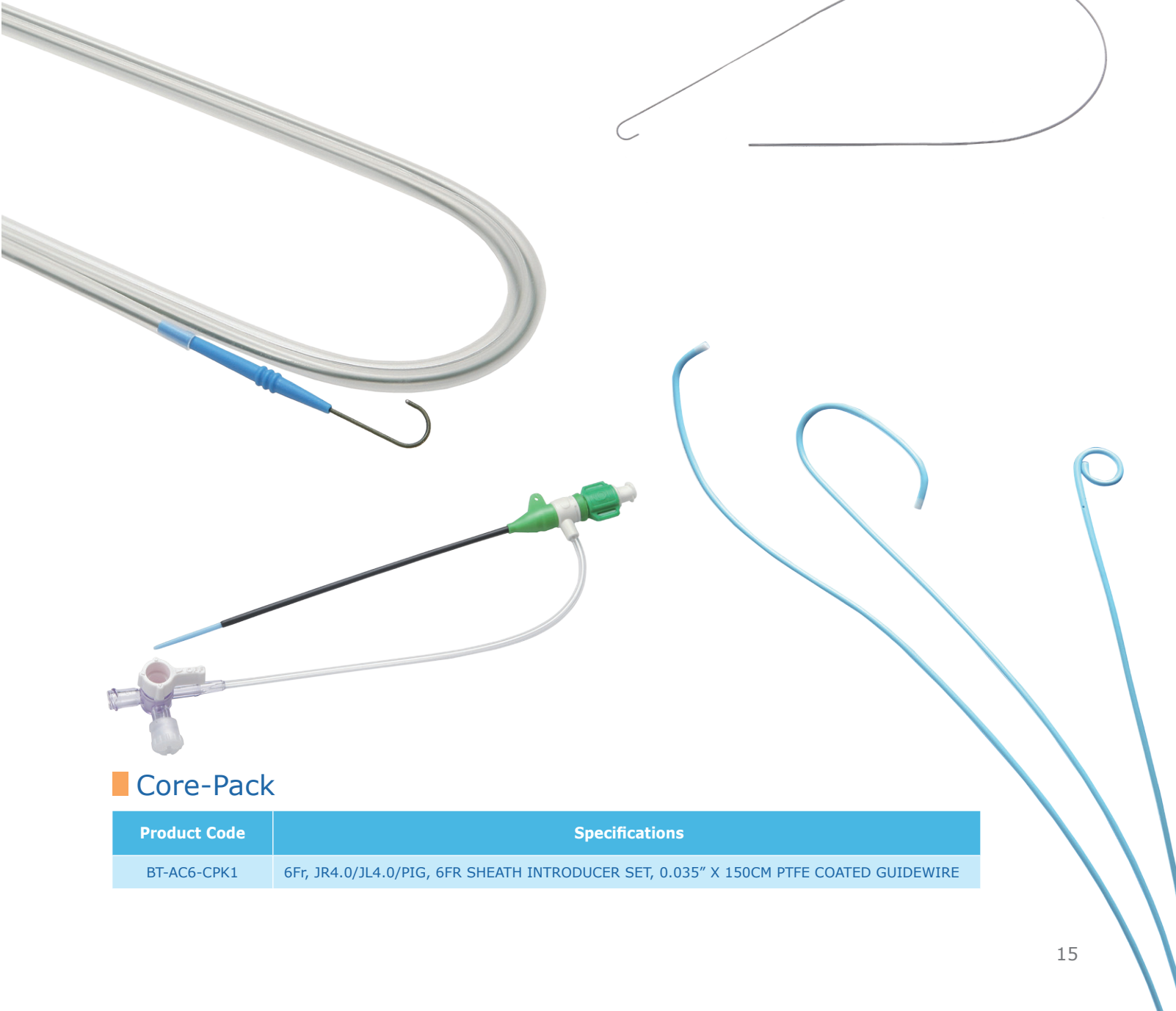
Angiographic Catheter -Core-Pack

Each case is different

BIOTEQ Core-Pack offers one shot solution for angiography procedure.

When it comes to safety, everybody counts.

- **BIOTEQ** Core-Pack consists of 6Fr, JR4.0/JL4.0/PIG, 6Fr. Sheath introducer set, 0.035" X 150CM PTFE coated guidewire.
- The angiographic catheter provides excellent flow rates, optimal contrast medium delivery and vessel opacification.
- Taper tip design of the sheath introducer reduce potential tissue trauma.
- PTFE pre-coated guidewire is engineered to last as long as the procedure requires.



Core-Pack

Product Code	Specifications
BT-AC6-CPK1	6Fr, JR4.0/JL4.0/PIG, 6FR SHEATH INTRODUCER SET, 0.035" X 150CM PTFE COATED GUIDEWIRE

Angiographic Catheter –Flush Catheter










Each case is different

BIOTEQ *Flush Catheter* designed to serve a therapeutic goal for angiography procedure.

When it comes to safety, everybody counts.

- Maintain shape stability during pressure injection.
- Recommended max guidewire at 0.038".
- Flush Angiographic Catheter designed with large than standard inner diameter allows higher flow rate (up to 20 ml/sec) and maximum pressure limit of 1200 psi.

Flush Catheter

Curve Type	Description	French Size	Length(cm)	Side Holes	Product Code
	OMNIF	4	65	10	BT-AC4-OMNIF
		5	65	10	BT-AC5-OMNIF
		6	65	10	BT-AC6-OMNIF
	OMNIF	4	90	10	BT-AC4-OMNIF-90
		5	90	10	BT-AC5-OMNIF-90
		6	90	10	BT-AC6-OMNIF-90
	OMNIF	4	110	10	BT-AC4-OMNIF-110
		5	110	10	BT-AC5-OMNIF-110
		6	110	10	BT-AC6-OMNIF-110
	PIGF	4	65	10	BT-AC4-PIGF
		5	65	10	BT-AC5-PIGF
		6	65	10	BT-AC6-PIGF
	PIGF	4	90	10	BT-AC4-PIGF-90
		5	90	10	BT-AC5-PIGF-90
		6	90	10	BT-AC6-PIGF-90
	PIGF	4	110	10	BT-AC4-PIGF-110
		5	110	10	BT-AC5-PIGF-110
		6	110	10	BT-AC6-PIGF-110
	STRF	4	65	10	BT-AC4-STRF
		5	65	10	BT-AC5-STRF
		6	65	10	BT-AC6-STRF
	STRF	4	90	10	BT-AC4-STRF-90
		5	90	10	BT-AC5-STRF-90
		6	90	10	BT-AC6-STRF-90
	STRF	4	110	10	BT-AC4-STRF-110
		5	110	10	BT-AC5-STRF-110
		6	110	10	BT-AC6-STRF-110

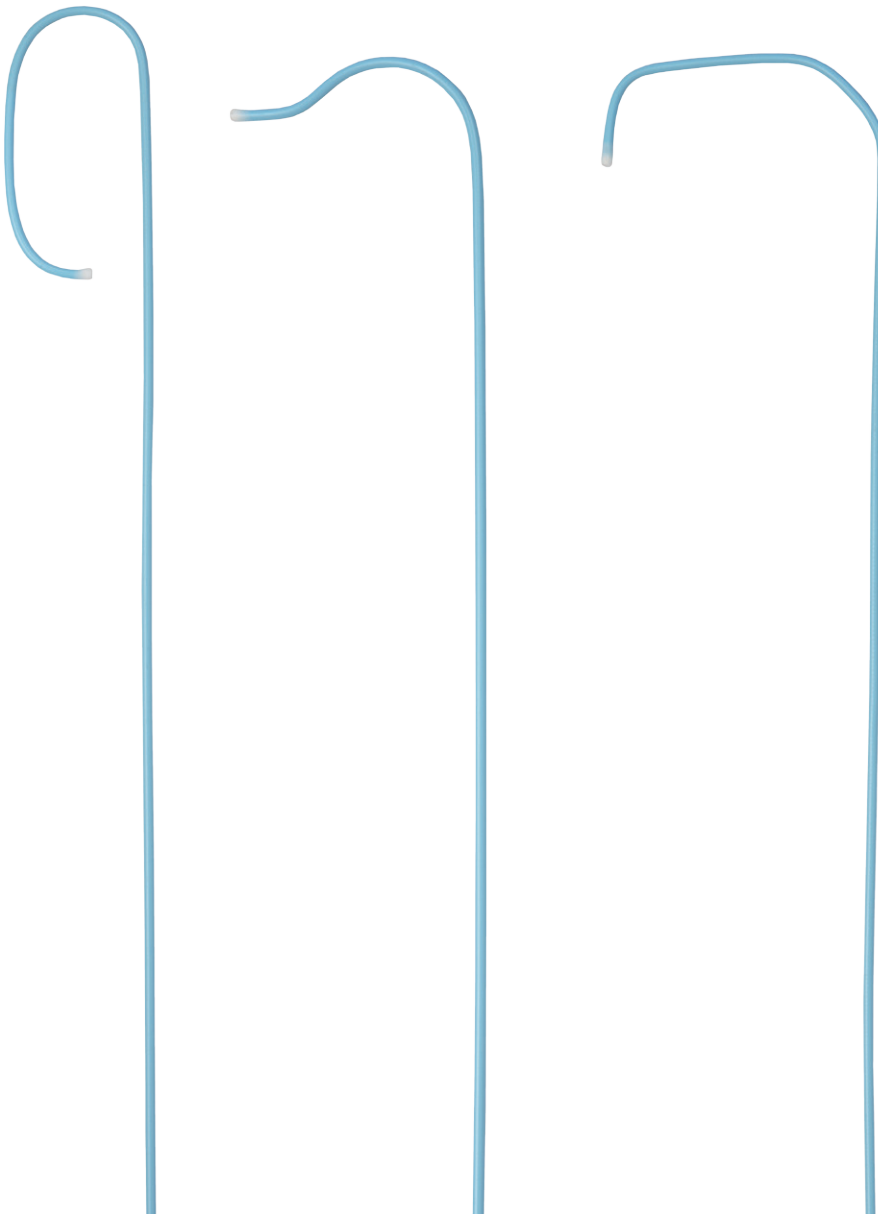
Selective Angiographic Catheter – Radial Access

Each case is different

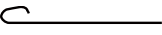


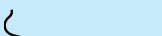









BIOTEQ offers Selective angiographic catheter to facilitate transradial coronary angiography procedure.

When it comes to safety, everybody counts.

- Recommended max guidewire at 0.038”.
- Selective Angiographic Catheter designed with large than standard inner diameter allows higher flow rate (up to 20 ml/sec) and and maximum pressure limit of 1200 psi.
- Braided nylon designs are typically used for applications that require high torque, burst pressure resistance, pushability, steerability and kink resistance(Optimum torque control and kink resistance due to its double mesh).



Radial Access Angiographic Catheter

Curve Type	Description	French Size	Length(cm)	Side Holes	Product Code
	JL3.5	4	100	-	BT-AC4-JL35
		5	100	-	BT-AC5-JL35
	JL4.0	4	100	-	BT-AC4-JL40
		5	100	-	BT-AC5-JL40
	JL5.0	4	100	-	BT-AC4-JL50
		5	100	-	BT-AC5-JL50
	AL1	4	100	-	BT-AC4-AL1
		5	100	-	BT-AC5-AL1
	AL2	4	100	-	BT-AC4-AL2
		5	100	-	BT-AC5-AL2
	AL3	4	100	-	BT-AC4-AL3
		5	100	-	BT-AC5-AL3
	MPA1	4	100	-	BT-AC4-MPA1
		5	100	-	BT-AC5-MPA1
	MPA2	4	100	2	BT-AC4-MPA2
		5	100	2	BT-AC5-MPA2
	MPB1	4	100	-	BT-AC4-MPB1
		5	100	-	BT-AC5-MPB1
	MPB2	4	100	2	BT-AC4-MPB2
		5	100	2	BT-AC5-MPB2
	SON1	4	100	2	BT-AC4-SON1
		5	100	2	BT-AC5-SON1
	SON2	4	100	2	BT-AC4-SON2
		5	100	2	BT-AC5-SON2
	TIG1	4	100	1	BT-AC4-TIG1
		5	100	1	BT-AC5-TIG1
		6	100	1	BT-AC6-TIG1

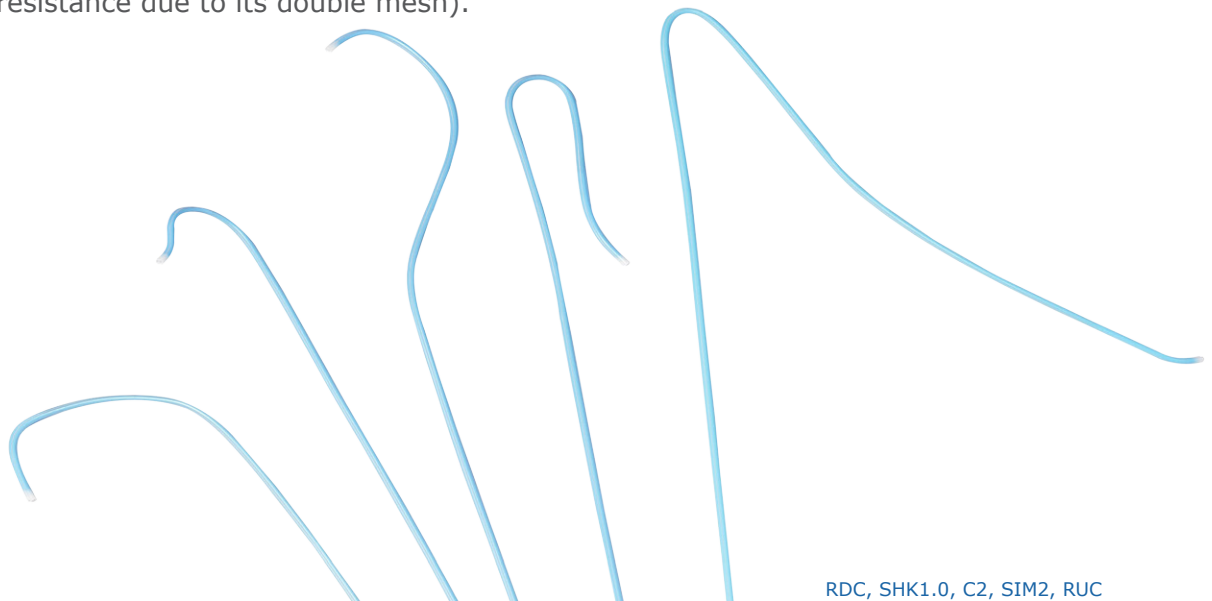
Selective Angiographic Catheter for Obstetrics and Gynaecology Interventions

Each case is different






BIOTEC offers selective catheterization to facilitate radiological interventions in obstetrics and gynaecology.

When it comes to safety, everybody counts.

- Recommended max guidewire at 0.038".
- Indicated for selective catheterization of each uterine artery using contralateral and/or ipsilateral femoral artery approaches.
- Selective Angiographic Catheter designed with large than standard inner diameter allows higher flow rate (up to 20 ml/sec) and and maximum pressure limit of 1200 psi.
- Braided nylon designs are typically used for applications that require high torque, burst pressure resistance, pushability, steerability and kink resistance(Optimum torque control and kink resistance due to its double mesh).



Technical Specifications

Curve Type	Description	French Size	Length(cm)	Side Holes	Product Code
	C2	5	65	-	BT-AC5-C2
	RDC	5	65	-	BT-AC5-RDC
	RUC	5	65	-	BT-AC5-RUC
	SHK1.0	4	80	-	BT-AC4-SHK
	SIM2	5	100	-	BT-AC4-SIM2

Y Connector

Each case is different

BIOTEQ® Y Connector provides easier way for the doctor to operate in the PCI procedure.

When it comes to safety, everybody counts.

- Screw Type and Push-Pull Type are available.
- Provides single one hand operated procedure which minimizes backflow and blood loss.
- With either sideon Female Luer/ Sideon Tubing and Stopcock.



Screw Type Y Connector



Push-Pull Y Connector



Screw Type Y Connector with sideon Tubing and Stopcock

Y Connector Set- Push-Pull Type

Product Code	Specifications
BT-HV-7PF-TB	7F, Push-pull, Sideon Female Luer
BT-HV-7PP-TB	7F, Push-pull, Sideon Tubing and Stopcock

Y Connector – Screw Type

Product Code	Specifications
BT-HV-7SF- TB	7F, Screw, Sideon Female Luer
BT-HV-7SP- TB	7F, Screw, Sideon Tubing and Stopcock

Y Connector Set

Each case is different

BIOTEQ *Y Connector Set* provides easier way for the doctor to operate in the PCI procedure.

When it comes to safety, everybody counts.

- Screw Type and Push-Pull Type are available.
- Provides single one hand operated procedure which minimizes backflow and blood loss.
- Kit consists of Hemostasis Valve, sideon Female Luer/ Sideon Tubing and Stopcock, Insertion Tool with Large Hub, Red/Copper Torquer.
- Large bore of torque device suits for all sizes of angiographic catheters.



Push-Pull Y Connector, Torquer, Insertion Tool



Screw Type Y Connector, Torquer, Insertion Tool



Screw Type Y Connector, side-on Tubing and Stopcock Torquer, Insertion Tool

Y Connector Set- Push-Pull Type

Product Code	Specifications
BT-HV-7PFLCR-TB	7F, Push-Pull, Sideon Female Luer, Insertion Tool with Large Hub, Red/Copper Torquer
BT-HV-7PPLCR-TB	7F, Push-Pull, Sideon Tubing and Stopcock, Insertion Tool with Large Hub, Red/Copper Torquer
BT-HV-7PFLCW-TB	7F, Push-Pull, Sideon Female Luer, Insertion Tool with Large Hub, White/Copper Torquer
BT-HV-7PPLCW-TB	7F, Push-Pull, Sideon Tubing and Stopcock, Insertion Tool with Large Hub, White/Copper Torquer
BT-HV-7PFLPW-TB	7F, Push-Pull, Sideon Female Luer, Insertion Tool with Large Hub, Plastic Copper Torquer
BT-HV-7PPLPW-TB	7F, Push-Pull, Sideon Tubing and Stopcock, Insertion Tool with Large Hub, Plastic/Copper Torquer

Y Connector Set- Screw Type

Product Code	Specifications
BT-HV-7SFLCR-TB	7F, Screw, Sideon Female Luer, Insertion Tool with Large Hub, Red/Copper Torquer
BT-HV-7SPLCR-TB	7F, Screw, Sideon Tubing and Stopcock, Insertion Tool with Large Hub, Red/Copper Torquer
BT-HV-7SFLCW-TB	7F, Screw, Sideon Female Luer, Insertion Tool with Large Hub, White/Copper Torquer
BT-HV-7SPLCW-TB	7F, Screw, Sideon Tubing and Stopcock, Insertion Tool with Large Hub, White/Copper Torquer
BT-HV-7SFLPW-TB	7F, Screw, Sideon Female Luer, Insertion Tool with Large Hub, Plastic/Copper Torquer
BT-HV-7SPLPW-TB	7F, Screw, Sideon Tubing and Stopcock, Insertion Tool with Large Hub, Plastic/Copper Torquer

Manifold-2 Ports & 3 Ports

Each case is different

BIOTEQ® Manifold is used to control the flow of the solution and allocate the fluid as a disposable device in PCI procedure.

When it comes to safety, everybody counts.

- 250 psi and 500psi; 2~4 ports ;blue and white handles are available.
- Rotating male luer lock can be connected with other accessories more flexible;
- Off/ on handles are optional.



500psi, Blue and off handles, 3 ports

500psi, Blue and off handles, 3 Ports

Product Code	Specifications
BT-MF-25BF2B-TB	250psi, Blue Handles, Off Handles, 2 Ports, Block Body, Sterile
BT-MF-25WO2B-TB	250psi, White Handles, On Handles, 2 Ports, Block Body, Sterile
BT-MF-50BF3B-TB	500psi, Blue Handles, Off Handles, 3 Ports, Block Body, Sterile

Guidewire-PTFE Pre-Coated Coil

Each case is different

BIOTEQ offers **Hydrophilic Guidewire** in an array of sizes and specifications to suit multiple vascular procedures.

When it comes to safety, everybody counts.

- Pre-coated Coil Guidewire.
- Uniform coating of PTFE provides lubricity and a smooth outer surface for easy insertion.
- Diameters: 0.025", 0.035", 0.038"; Lengths: 80cm, 150cm, 260cm.
- Straight and J type available.

Straight

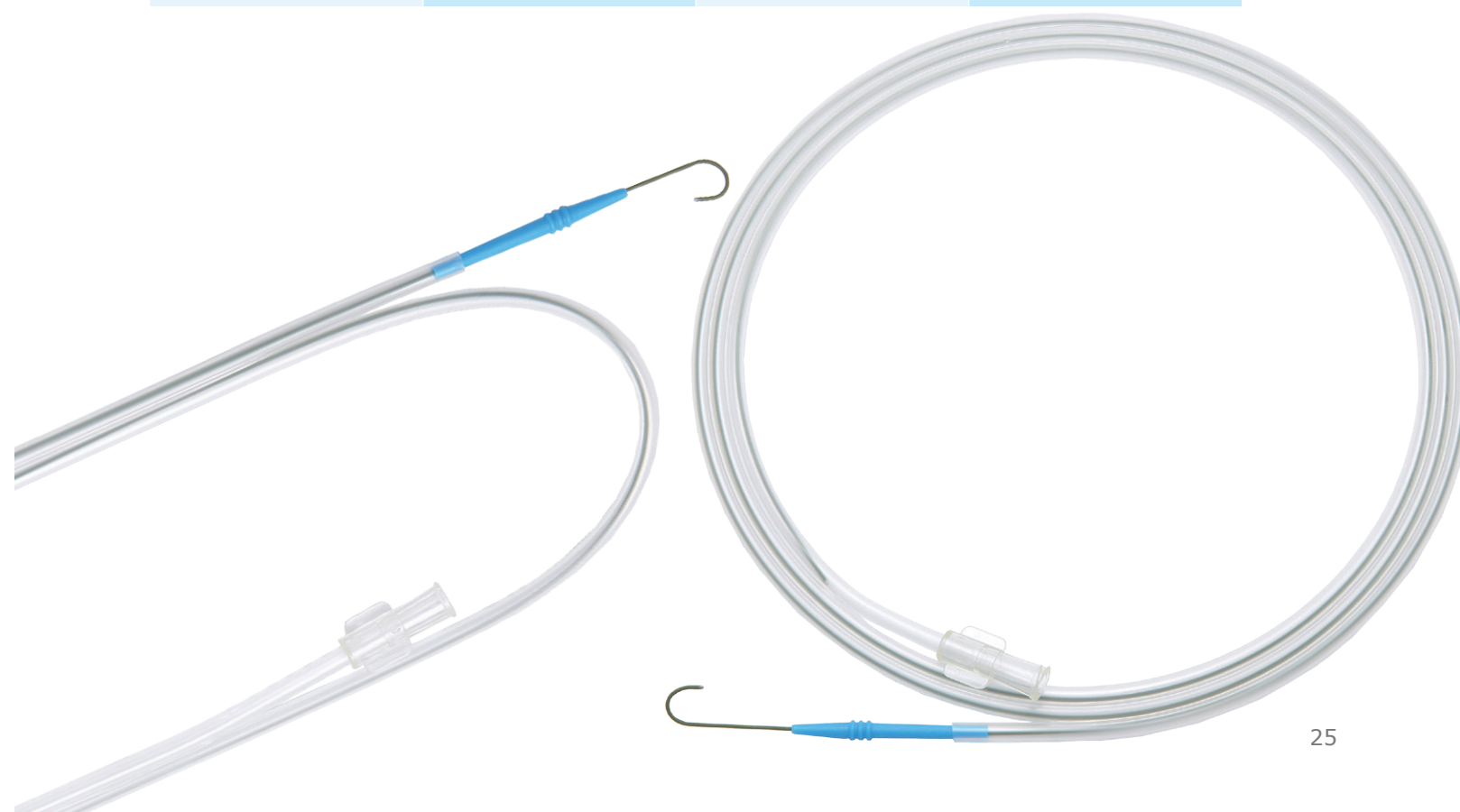
BT-GW-S- α - β ; S stands for tip shape of guidewire is straight.

Guidewire Diameter(α)		Guidewire Length(β)	
α = 018, 021, 025, 035, 038	0.018 inch, 0.021 inch, 0.025 inch, 0.035 inch, 0.038 inch	β = 40, 60, 80, 120, 150, 180, 260, 300	40cm, 60cm, 80cm, 120cm, 150cm, 180cm, 260cm, 300cm

J Type

BT-GW-J3- α - β ; J3 stands for tip shape of guidewire is 3.0mm-J shape.

Guidewire Diameter(α)		Guidewire Length(β)	
α = 018, 021, 025, 035, 038	0.018 inch, 0.021 inch, 0.025 inch, 0.035 inch, 0.038 inch	β = 40, 60, 80, 120, 150, 260, 300	40cm, 60cm, 80cm, 120cm, 150cm, 260cm, 300cm



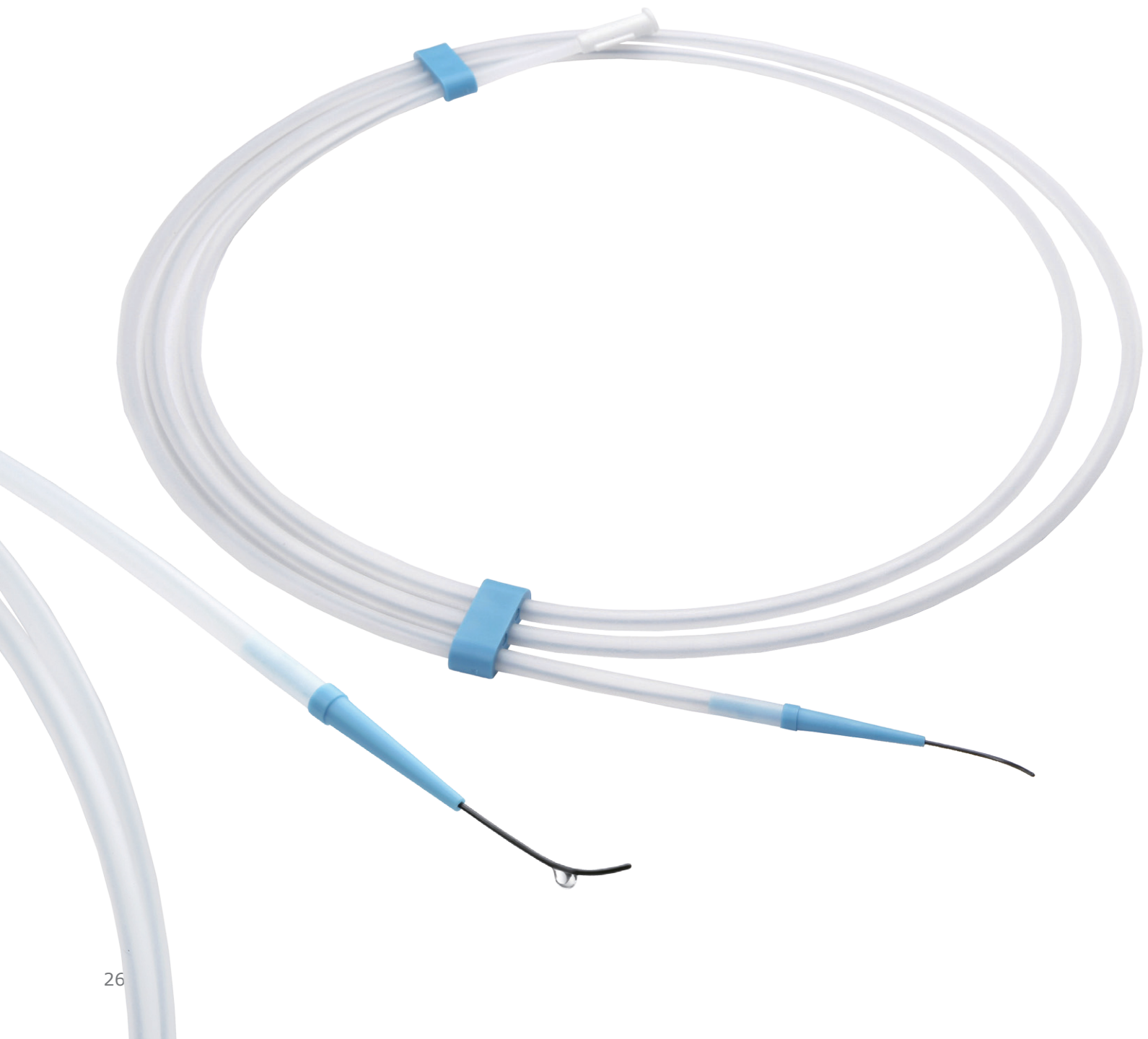
Guidewire-Hydrophilic Coated

Each case is different

BIOTEQ® offers **Hydrophilic Guidewire** in an array of sizes and specifications to suit multiple vascular procedures.

When it comes to safety, everybody counts.

- Nitinol Core Hydrophilic Coated Guidewire.
- With unique materials and improved design the hydrophilic guidewire provides smooth insertion.
- Soft shapable tip designed for easily accessment to distal and difficult vasculature.
- Straight and angled available in regular or stiff configuration.



Straight

BT-GW-S- α - β -H; S stands for tip shape of guidewire is straight, H stands for Guidewire Hydrophilic Coated.

Guidewire Diameter(α)		Guidewire Length(β)	
$\alpha = 018, 025, 035$	0.018 inch, 0.025 inch, 0.035 inch,	$\beta = 80, 120,$ 150, 180, 260	80cm, 120cm, 150cm, 180cm, 260cm

Angle

BT-GW-A- α - β -H; A stands for tip shape of guidewire is angle, H stands for Guidewire Hydrophilic Coated.

Guidewire Diameter(α)		Guidewire Length(β)	
$\alpha = 018, 025, 035$	0.018 inch, 0.025 inch, 0.035 inch	$\beta = 80, 120,$ 150, 180, 260	80cm, 120cm, 150cm, 180cm, 260cm

Straight

BT-GW-S- α - β -H-D; S stands for tip shape of guidewire is straight, H stands for Guidewire Hydrophilic Coated. D stands for stiffener shaft Guidewire.

Guidewire Diameter(α)		Guidewire Length(β)	
$\alpha = 018, 025, 035$	0.018 inch, 0.025 inch, 0.035 inch,	$\beta = 80, 120,$ 150, 180, 260	80cm, 120cm, 150cm, 180cm, 260cm

Angle

BT-GW-A- α - β -H-D; A stands for tip shape of guidewire is angle, H stands for Guidewire Hydrophilic Coated. D stands for stiffener shaft Guidewire.

Guidewire Diameter(α)		Guidewire Length(β)	
$\alpha = 018, 025, 035$	0.018 inch, 0.025 inch, 0.035 inch	$\beta = 80, 120,$ 150, 180, 260	80cm, 120cm, 150cm, 180cm, 260cm

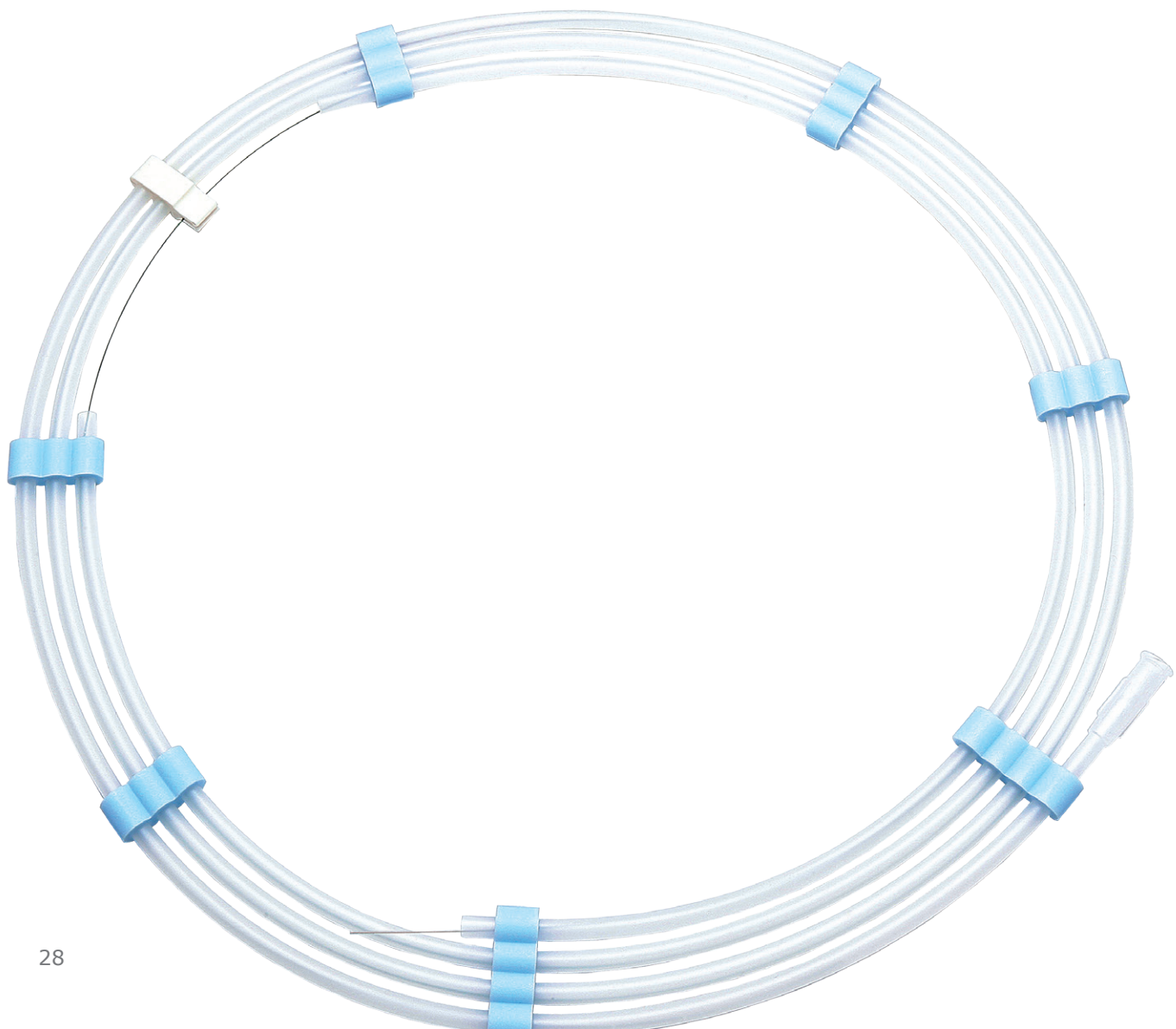
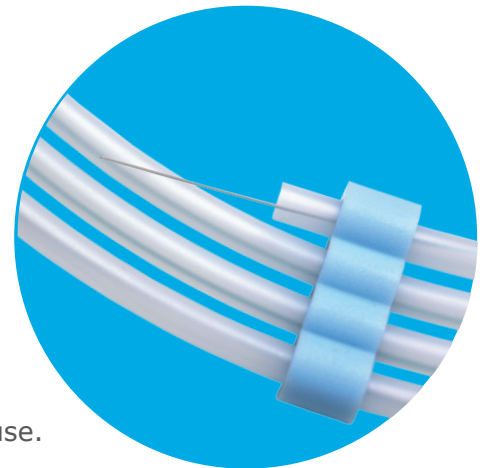
PTCA Guidewire

Each case is different

BIOTEQ® PTCA Guidewire is intended to facilitate the placement of balloon dilatation catheters or stenting during percutaneous transluminal coronary angioplasty (PTCA), not suitable for coronary chronic total occlusions (CTOs) lesions.

When it comes to safety, everybody counts.

- Coil surface:Hydrophilic coated.
- Dimension:0.014".
- Length: 195, 300cm.
- Radiopaque tip length:3cm.
- Tip design: Straight and J.
- Tip stiffness:Standard, Intermediate, Floppy, Extra Floppy.
- Supplied sterile in peel-open packages. Intended for one-time use.



PTCA Guidewire

BT-GW-series-PCI-series	Coil Surface Hydrophilic Coated	Stent Zone Stiffness	Tip Stiffness
BT-GW-S-014-180-PCI	0.014"x195cm, Straight-tip	Standard	Standard
BT-GW-S-014-180-PCI-IN			Intermediate
BT-GW-S-014-180-PCI-FL			Floppy
BT-GW-S-014-180-PCI-EF			Extra Floppy
BT-GW-S-014-180-PCI-D	0.014"x195cm, Straight-tip	Stiff	Standard
BT-GW-S-014-180-PCI-IN-D			Intermediate
BT-GW-S-014-180-PCI-FL-D			Floppy
BT-GW-S-014-180-PCI-EF-D			Extra Floppy
BT-GW-J-014-180-PCI	0.014"x195cm, J-tip	Standard	Standard
BT-GW-J-014-180-PCI-IN			Intermediate
BT-GW-J-014-180-PCI-FL			Floppy
BT-GW-J-014-180-PCI-EF			Extra Floppy
BT-GW-J-014-180-PCI-D	0.014"x195cm, J-tip	Stiff	Standard
BT-GW-J-014-180-PCI-IN-D			Intermediate
BT-GW-J-014-180-PCI-FL-D			Floppy
BT-GW-J-014-180-PCI-EF-D			Extra Floppy
BT-GW-S-014-300-PCI	0.014"x300cm, Straight-tip	Standard	Standard
BT-GW-S-014-300-PCI-IN			Intermediate
BT-GW-S-014-300-PCI-FL			Floppy
BT-GW-S-014-300-PCI-EF			Extra Floppy
BT-GW-S-014-300-PCI-D	0.014"x300cm, Straight-tip	Stiff	Standard
BT-GW-S-014-300-PCI-IN-D			Intermediate
BT-GW-S-014-300-PCI-FL-D			Floppy
BT-GW-S-014-300-PCI-EF-D			Extra Floppy
BT-GW-J-014-300-PCI	0.014"x300cm, J-tip	Standard	Standard
BT-GW-J-014-300-PCI-IN			Intermediate
BT-GW-J-014-300-PCI-FL			Floppy
BT-GW-J-014-300-PCI-EF			Extra Floppy
BT-GW-J-014-300-PCI-D	0.014"x300cm, J-tip	Stiff	Standard
BT-GW-J-014-300-PCI-IN-D			Intermediate
BT-GW-J-014-300-PCI-FL-D			Floppy
BT-GW-J-014-300-PCI-EF-D			Extra Floppy

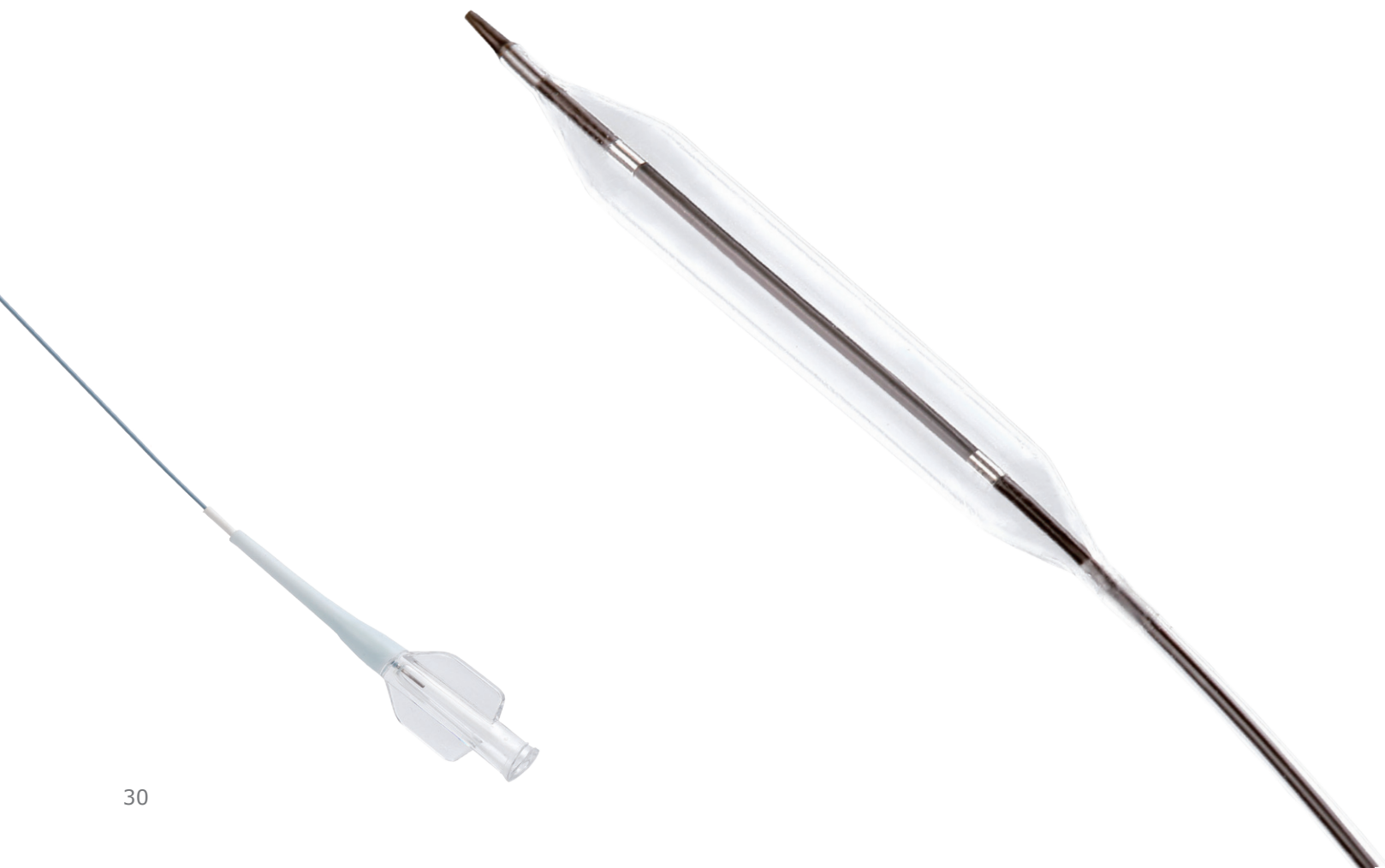
PTCA Balloon Dilatation Catheter-Rapid Exchange

Each case is different

BIOTEQ® Rapid Exchange (Monorail) balloon meets the challenge to reach a equilibrium between various performance characteristics - pushability, trackability, torqueability, kink performance in order to provide clinical versatility in coronary artery.

When it comes to safety, everybody counts.

- Semi-compliance nylon material balloon material exhibit relatively high tensile strength, controlled compliance.
- Typical triple balloon refolding characteristics.
- The effective length of balloon catheter are available in 135cm.
- Marks on the proximal portion of the catheter shaft at 90cm and 100cm from the distal tip are for physician reference.
- Hub configuration: Enhanced strain relief design prevent kinking, transparent hub facilitates easy air bubble detection.
- Reinforced mid shaft design provides flexibility and additional support enhance overall pushability to lead physician to the target lesion.
- Guidewire compatibility: 0.014".
- Specially designed tapered tip for advanced crossability of the catheter, the tip is closely meshed with the guide wire, fish-mouth phenomenon is minimized.



Technical Specifications

PCatheter Design:ose	Rapid Exchange (RX)
ERange of Diameter:	Ø 2.0, 2.25, 2.5, 2.75, 3.0mm
BRange of Length: meter	60, 80mm
BGuidewire Compatibility	0.014"
BUsable shaft length:	135,145cm
CBalloon material:	Nylon
CRated Burst Pressure(RBP):	Up to 16 ATM

Over The Wire Dual Lumen

Product Code	Balloon Diameter (mm)	Balloon Length (mm)	Catheter Length (cm)	Recommended Guidewire Size (inch)	Nominal Pressure (atm)	Rated Burst Pressure (atm)	Recommended Introducer Sheath Size(Fr)
BT-BC-R4-2-10-135	2.00	10	135	0.014	7	16	5
BT-BC-R4-2-15-135	2.00	15	135	0.014	7	16	5
BT-BC-R4-2-20-135	2.00	20	135	0.014	7	16	5
BT-BC-R4-225-10-135	2.25	10	135	0.014	7	16	5
BT-BC-R4-225-15-135	2.25	15	135	0.014	7	16	5
BT-BC-R4-225-20-135	2.25	20	135	0.014	7	16	5
BT-BC-R4-25-10-135	2.50	10	135	0.014	5	16	5
BT-BC-R4-25-15-135	2.50	15	135	0.014	5	16	5
BT-BC-R4-25-20-135	2.50	20	135	0.014	5	16	5
BT-BC-R4-275-10-135	2.75	10	135	0.014	5	16	5
BT-BC-R4-275-15-135	2.75	15	135	0.014	5	16	5
BT-BC-R4-275-20-135	2.75	20	135	0.014	5	16	5
BT-BC-R4-3-10-135	3.00	10	135	0.014	5	16	5
BT-BC-R4-3-15-135	3.00	15	135	0.014	5	16	5
BT-BC-R4-3-20-135	3.00	20	135	0.014	5	16	5
BT-BC-R4-2-10-145	2.00	10	145	0.014	7	16	5
BT-BC-R4-2-15-145	2.00	15	145	0.014	7	16	5
BT-BC-R4-2-20-145	2.00	20	145	0.014	7	16	5
BT-BC-R4-225-10-145	2.25	10	145	0.014	7	16	5
BT-BC-R4-225-15-145	2.25	15	145	0.014	7	16	5
BT-BC-R4-225-20-145	2.25	20	145	0.014	7	16	5
BT-BC-R4-25-10-145	2.50	10	145	0.014	5	16	5
BT-BC-R4-25-15-145	2.50	15	145	0.014	5	16	5
BT-BC-R4-25-20-145	2.50	20	145	0.014	5	16	5
BT-BC-R4-275-10-145	2.75	10	145	0.014	5	16	5
BT-BC-R4-275-15-145	2.75	15	145	0.014	5	16	5
BT-BC-R4-275-20-145	2.75	20	145	0.014	5	16	5
BT-BC-R4-3-10-145	3.00	10	145	0.014	5	16	5
BT-BC-R4-3-15-145	3.00	15	145	0.014	5	16	5
BT-BC-R4-3-20-145	3.00	20	145	0.014	5	16	5