

CE Approved

035 PTA Catheter

The 035 PTA Platform is an over-the-wire PTA balloon catheter with a dual-lumen shaft design. Standard options and features are noted below with many additional options for customization.

TECHNICAL SPECIFICATIONS

Catheter Design:	Over the wire - bilumen design
Shaft size:	5.1 F
Shaft material proximal:	Pebax
Shaft material distal:	Pebax
Shaft coating distal:	Hydrophilic
Balloon material:	Nylon 12
Balloon compliance:	Semi-compliant
Balloon fold:	4-fold for Ø 4.0 - 5.0 mm; 5-fold for Ø 6.0 - 8.0 mm; 6-fold for Ø 9.0 - 12.0 mm
Cone angle:	22.5 degrees (single angle)
Tip design:	Tapered
Tip length:	5.0 mm - rounded
Nominal Pressure:	6 bar; 12 bar (Shunt)
Rated Burst Pressure:	16 (14, 12, 10) bar; 20 bar (Shunt)
Maximum Guide Wire:	0.035"
Usable length:	800 mm / 1350 mm; 400 mm (Shunt)
Balloon length:	20-40-60-80-100-120-150-190 up to 230mm for Ø 4.0-7.0 mm; 20-4-60 mm (Shunt)
Balloon diameter:	4.0-5.0-6.0-7.0-8.0-9.0-10.0-12.0 mm; 4.0-5.0-6.0-7.0 mm (Shunt)
Recommended Introducer Sheath:	5-8 F depending on balloon size

Details:



Rounded, tapered tip



Profile before inflation



Profile after deflation

COMPLIANCE CHART – 035 PTA CATHETER PLATFORM

BALLOON LENGTH (MM)		20	40	60	80	100	120	150	190	230	AVAILABLE IN USABLE CATHETER LENGTH OF 800 MM & 1350 MM		
BALLOON Ø (MM)	4.0	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar			
		RBP: 16 bar	RBP: 16 bar	RBP: 16 bar	RBP: 16 bar	RBP: 16 bar	RBP: 16 bar	RBP: 16 bar	RBP: 16 bar	RBP: 16 bar			
		RIS: 5 F	RIS: 5 F	RIS: 5 F	RIS: 5 F	RIS: 5 F	RIS: 5 F	RIS: 5 F	RIS: 5 F	RIS: 5 F			
	5.0	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar		NP: 6 bar	
		RBP: 16 bar	RBP: 16 bar	RBP: 16 bar	RBP: 14 bar	RBP: 14 bar	RBP: 14 bar	RBP: 14 bar	RBP: 14 bar	RBP: 14 bar		RBP: 14 bar	
		RIS: 5 F	RIS: 5 F	RIS: 5 F	RIS: 5 F	RIS: 5 F	RIS: 5 F	RIS: 5 F	RIS: 5 F	RIS: 5 F		RIS: 5 F	
	6.0	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar		NP: 6 bar	
		RBP: 16 bar	RBP: 16 bar	RBP: 16 bar	RBP: 14 bar	RBP: 14 bar	RBP: 14 bar	RBP: 14 bar	RBP: 14 bar	RBP: 14 bar		RBP: 14 bar	
		RIS: 5 F	RIS: 5 F	RIS: 5 F	RIS: 5 F	RIS: 6 F	RIS: 5 F	RIS: 5 F	RIS: 5 F	RIS: 5 F		RIS: 5 F	
	7.0	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar		
		RBP: 14 bar	RBP: 14 bar	RBP: 14 bar	RBP: 12 bar	RBP: 12 bar	RBP: 12 bar	RBP: 12 bar	RBP: 12 bar	RBP: 10 bar	RBP: 10 bar		
		RIS: 6 F	RIS: 6 F	RIS: 6 F	RIS: 6 F	RIS: 6 F	RIS: 6 F	RIS: 6 F	RIS: 6 F	RIS: 6 F	RIS: 6 F		
8.0	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar	NP: 6 bar						
	RBP: 14 bar	RBP: 14 bar	RBP: 14 bar	RBP: 12 bar	RBP: 12 bar	RBP: 12 bar							
	RIS: 6 F	RIS: 6 F	RIS: 6 F	RIS: 6 F	RIS: 6 F	RIS: 6 F							
9.0	NP: 6 bar	NP: 6 bar	NP: 6 bar										
	RBP: 12 bar	RBP: 12 bar	RBP: 12 bar										
	RIS: 7 F	RIS: 7 F	RIS: 7 F										
10.0	NP: 6 bar	NP: 6 bar	NP: 6 bar										
	RBP: 12 bar	RBP: 12 bar	RBP: 12 bar										
	RIS: 7 F	RIS: 7 F	RIS: 7 F										
12.0	NP: 6 bar	NP: 6 bar											
	RBP: 10 bar	RBP: 10 bar											
	RIS: 8 F	RIS: 8 F											

NP: Nominal Pressure; RBP: Rated Burst Pressure; RIS: Recommended Introducer Sheath

035 SHUNT

BALLOON LENGTH (MM)		20	40	60	AVAILABLE IN USABLE CATHETER LENGTH OF 400 MM	
BALLOON Ø (MM)	4.0	NP: 12 bar	NP: 12 bar	NP: 12 bar		
		RBP: 20 bar	RBP: 20 bar	RBP: 18 bar		
		RIS: 6 F	RIS: 6 F	RIS: 6 F		
	5.0	NP: 12 bar	NP: 12 bar	NP: 12 bar		
		RBP: 20 bar	RBP: 20 bar	RBP: 18 bar		
		RIS: 6 F	RIS: 6 F	RIS: 6 F		
	6.0	NP: 12 bar	NP: 12 bar	NP: 12 bar		
		RBP: 20 bar	RBP: 20 bar	RBP: 18 bar		
		RIS: 7 F	RIS: 7 F	RIS: 7 F		
	7.0	NP: 12 bar	NP: 12 bar	NP: 12 bar		
		RBP: 20 bar	RBP: 20 bar	RBP: 18 bar		
		RIS: 7 F	RIS: 7 F	RIS: 7 F		
8.0	NP: 12 bar	NP: 12 bar	NP: 12 bar			
	RBP: 18 bar	RBP: 18 bar	RBP: 18 bar			
	RIS: 7 F	RIS: 7 F	RIS: 7 F			

NP: Nominal Pressure; RBP: Rated Burst Pressure; RIS: Recommended Introducer Sheath
Tolerance for balloon diameters is ±5% over the entire working range.

Options for Customization

- **Hub:** Design/Shape, Material, Color, Printing, Rapid prototyping with 3D printing
- **Strain Relief:** Shape, length, color, printing
- **Shaft:** Color
- **Tip:** Color
- **Balloon:** Material, Custom Lengths, Cone Angle, Wall Thickness, Burst Strength

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The Health business team partners with customer to speed their innovative medical devices and differentiated pharmaceutical products to market. Our dedicated team provides best-in-class polymers and excipients, along with state-of-the-art product design, development, and manufacturing services, with the ultimate goal of creating solutions that improve patient outcomes.