



# COBRA PzF™

## Coronary Stent System

### Stent Specifications

Stent Material	Cobalt Chromium Alloy
Stent Production Method	Electropolished laser-cut tube
Stent Design	Open cell
Surface Modification	Polyzene®-F
Polyzene®-F Surface	≤ 0.050 μm
Strut Thickness	71 μm
Foreshortening	2.9% (3.0 x 18 mm)
Recoil	4.4% (3.0 x 18 mm)
MR Conditional	<ul style="list-style-type: none"> <li>• Static magnetic field ≤ 3 Tesla</li> <li>• Spatial gradient magnetic field ≤ 720 Gauss/cm</li> <li>• Maximum SAR of 3.0 W/kg for 15 min scan</li> </ul>

### Balloon Specifications

Balloon Characteristics	Semi-compliant
Nominal Stent Deployment Pressure	10 atm (for all sizes)
Rated Burst Pressure (RBP)	16 atm (for all sizes)
Marker Bands	1 mm; 90% Pt/10% Ir
Balloon Overhang	< 0.5 mm on each end

### Catheter Specifications

Catheter Design	Rapid Exchange
Tip Profile	0.019" (0.49 mm)
Crossing Profile	0.89 mm (3.0 x 18 mm)
Shaft Coating	Hydrophilic
Recommended Guide Catheter	5F (1.42 mm)
Maximum Guidewire	0.014" (0.356 mm)
Femoral Shaft Marker	100 cm
Brachial Shaft Marker	90 cm

## Product Numbers

		Diameter (mm)				
		2.50	2.75	3.00	3.50	4.00
Length (mm)	8	170-01-25008	170-01-27508	170-01-30008	170-01-35008	170-01-40008
	12	170-01-25012	170-01-27512	170-01-30012	170-01-35012	170-01-40012
	15	170-01-25015	170-01-27515	170-01-30015	170-01-35015	170-01-40015
	18	170-01-25018	170-01-27518	170-01-30018	170-01-35018	170-01-40018
	24	170-01-25024	170-01-27524	170-01-30024	170-01-35024	170-01-40024
	30	170-01-25030	170-01-27530	170-01-30030	170-01-35030	170-01-40030

## Stent Compliance Chart

	Pressure (ATM)	Stent Inner Diameter (mm)				
		2.50	2.75	3.00	3.50	4.00
<b>NOM</b>	<b>10</b>	2.50	2.75	3.00	3.50	4.00
	11	2.55	2.80	3.05	3.55	4.05
	12	2.59	2.84	3.09	3.59	4.09
	13	2.64	2.89	3.14	3.64	4.14
	14	2.69	2.94	3.19	3.69	4.19
	15	2.73	2.98	3.23	3.73	4.23
<b>RBP</b>	<b>16</b>	2.78	3.03	3.28	3.78	4.28
	17	2.84	3.09	3.34	3.84	4.34
	18	2.90	3.15	3.40	3.90	4.40



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