

Endeavor Drug Eluting Stent Specifications

Diameters	2.25, 2.5 and 2.75 mm	3.0, 3.5 and 4.0 mm
Lengths	8, 12, 14, 18, 24, 30 mm	9, 12, 15, 18, 24, 30 mm
Stent material	Cobalt chromium	Cobalt chromium
Balloon material	Trustream	Trustream
Polymer	Phosphorylcholine (PC) Technology	Phosphorylcholine (PC) Technology
Drug	ABT-578 (sirolimus analogue)	ABT-578 (sirolimus analogue)
Element length	1.2 mm	1.0 mm
No. of crowns	7	10
No. of struts	14	20
Strut thickness	0.091 mm (0.0036 in.)	0.091 mm (0.0036 in.)
Crossing profile	1.02–1.04 mm (0.040–0.041 in.)	1.09–1.12 mm (0.043–0.044 in.)
Recoil	≤6.5%	≤5%
Foreshortening	~2%	~1%
Maximum expanded stent I.D.	3.25 mm	4.5 mm
Vessel wall coverage	15–19%	15–19%
Nominal pressure	912 kPa (9 atm)	912 kPa (9 atm)
Rated burst pressure	1621 kPa (16 atm)	3.0–3.5 mm stents: 1621 kPa (16 atm) 4.0 mm stents: 1520 kPa (15 atm)
Proximal shaft	0.70 mm (2.2F)	0.70 mm (2.2F)
Intermediate shaft	1.00 mm (3.0F)	1.00 mm (3.0F)
Distal shaft*	0.90 mm (2.7F)	0.90 mm (2.7F)
Guide catheter compatibility	5F (1.4 mm/0.056 in.)	5F (1.4 mm/0.056 in.)

Test data on file at Medtronic, Inc.

*3.0F for 4.0 mm x 24 mm and 4.0 mm x 30 mm Endeavor stent sizes.



ENDEAVOR
Drug Eluting Coronary Stent System