

SYNERGY™

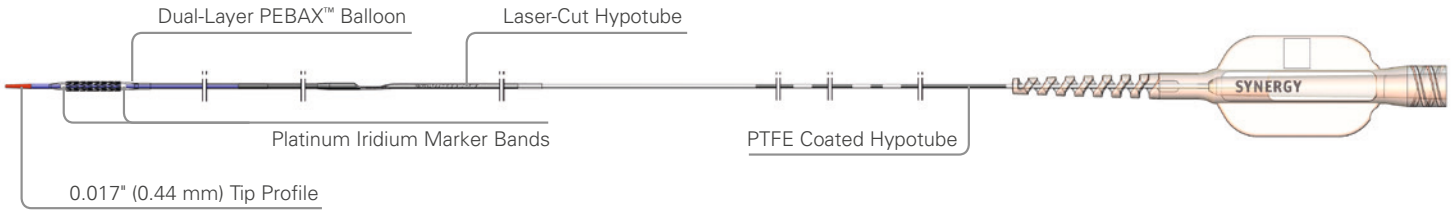
Everolimus-Eluting Platinum Chromium Coronary Stent System

General Specifications and Materials List

Indications for Use	The SYNERGY Everolimus-Eluting Platinum Chromium Coronary Stent System is indicated for improving luminal diameter in patients with symptomatic heart disease, stable angina, unstable angina, non-ST elevation MI or documented silent ischemia due to atherosclerotic lesions in native coronary arteries ≥ 2.25 mm to ≤ 4.0 mm in diameter in lesions ≤ 34 mm in length.							
Bioabsorbable Polymer and Drug Coating	<p>The Synchrony™ coating is applied only on the abluminal side of the stent surface to minimize the polymer load. To provide freedom from long-term polymer exposure, the polymer completes absorption shortly after drug elution ends at three months.</p> <ul style="list-style-type: none"> • Antiproliferative drug: Everolimus • Drug polymer carrier: PLGA [poly(DL-lactide-co-glycolide)] • Drug dose density: $\approx 1 \mu\text{g} / \text{mm}^2$ • Coating thickness: $\approx 4 \mu\text{m}$ 							
Available Stent Lengths (mm)	8, 12, 16, 20, 24, 28, 32, 38							
Available Stent Diameters (mm)	2.25, 2.50, 2.75, 3.00, 3.50, 4.00							
Average Stent Profile	0.039" (0.98 mm)*							
Tip Profile	0.017" (0.44 mm)							
Stent Material	Platinum Chromium (PtCr) Alloy							
Delivery System Effective Length	144 cm							
Delivery System Ports	Single access port to inflation lumen. Guidewire exit port is located approximately 25 cm from tip. Designed for guidewire 0.014" (0.36 mm).							
Stent Delivery Balloon	Dual layer PEBAX Balloon with two radiopaque markers nominally 0.4 mm longer than the stent at each end.							
Balloon Inflation Pressure	Nominal inflation pressure • 1117 kPa – 11 atm (stent diameters 2.25 – 4.00 mm)	Rated burst pressure • 1827 kPa – 18 atm (stent diameters 2.25 – 2.75 mm) • 1620 kPa – 16 atm (stent diameters 3.00 – 4.00 mm)						
Guide Catheter Inner Diameter	≥ 0.056 " (1.42 mm)							
Catheter Shaft Outer Diameter	Proximal: 2.1 F (0.70 mm) Distal: <table border="0" style="display: inline-table; vertical-align: top;"> <tr> <td>2.25 – 2.75 mm: 2.6 F (0.90 mm)</td> <td>3.50 mm: 8 – 20 mm: 2.6 F (0.90 mm)</td> </tr> <tr> <td>3.00 mm: 8 – 28 mm: 2.6 F (0.90 mm)</td> <td>24 – 38 mm: 2.7 F (0.95 mm)</td> </tr> <tr> <td>32 – 38 mm: 2.7 F (0.95 mm)</td> <td>4.00 mm: 2.7 F (0.95 mm)</td> </tr> </table>		2.25 – 2.75 mm: 2.6 F (0.90 mm)	3.50 mm: 8 – 20 mm: 2.6 F (0.90 mm)	3.00 mm: 8 – 28 mm: 2.6 F (0.90 mm)	24 – 38 mm: 2.7 F (0.95 mm)	32 – 38 mm: 2.7 F (0.95 mm)	4.00 mm: 2.7 F (0.95 mm)
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Stent Strut Thickness	2.25 – 2.75 mm: 0.0029" (74 μm) 3.00 – 3.50 mm: 0.0031" (79 μm) 4.00 mm: 0.0032" (81 μm)							

*Measurement applies to the 2.50 mm diameter stent system.

SYNERGY™ Stent Delivery System



Product Ordering Information

MONORAIL™ CATHETER

Ø (mm)	STENT LENGTH (mm)							
	8	12	16	20	24	28	32	38
2.25	H7493926008220	H7493926012220	H7493926016220	H7493926020220	H7493926024220	H7493926028220	H7493926032220	H7493926038220
2.50	H7493926008250	H7493926012250	H7493926016250	H7493926020250	H7493926024250	H7493926028250	H7493926032250	H7493926038250
2.75	H7493926008270	H7493926012270	H7493926016270	H7493926020270	H7493926024270	H7493926028270	H7493926032270	H7493926038270
3.00	H7493926008300	H7493926012300	H7493926016300	H7493926020300	H7493926024300	H7493926028300	H7493926032300	H7493926038300
3.50	H7493926008350	H7493926012350	H7493926016350	H7493926020350	H7493926024350	H7493926028350	H7493926032350	H7493926038350
4.00	H7493926008400	H7493926012400	H7493926016400	H7493926020400	H7493926024400	H7493926028400	H7493926032400	H7493926038400

OVER-THE-WIRE CATHETER

Ø (mm)	STENT LENGTH (mm)							
	8	12	16	20	24	28	32	38
2.25	H7493926108220	H7493926112220	H7493926116220	H7493926120220	H7493926124220	H7493926128220	H7493926132220	H7493926138220
2.50	H7493926108250	H7493926112250	H7493926116250	H7493926120250	H7493926124250	H7493926128250	H7493926132250	H7493926138250
2.75	H7493926108270	H7493926112270	H7493926116270	H7493926120270	H7493926124270	H7493926128270	H7493926132270	H7493926138270
3.00	H7493926108300	H7493926112300	H7493926116300	H7493926120300	H7493926124300	H7493926128300	H7493926132300	H7493926138300
3.50	H7493926108350	H7493926112350	H7493926116350	H7493926120350	H7493926124350	H7493926128350	H7493926132350	H7493926138350
4.00	H7493926108400	H7493926112400	H7493926116400	H7493926120400	H7493926124400	H7493926128400	H7493926132400	H7493926138400



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