

Specifications	
Device Component Description	
Available Stent Lengths	8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48 mm
Available Stent Diameters	2.00, 2.25, 2.50, 2.75, 3.00, 3.50, 4.00, 4.50 mm
Stent Material	Surgical Grade L605 Co-Cr alloy
Stent Design	Laser cut from seamless tubing in a serpentine pattern
Stent Strut Thickness	0.06 mm (60 µ)
Nominal Stent Foreshortening	< 3 %
Recoil	< 4 %
Delivery System Usable Length	1400 mm (140 cm)
Delivery System Y - Adapter Ports	Single access port to inflation/deflation lumen. A guidewire exit port is located at 25 cm from the tip. Designed for guidewire 0.014 inch.
Catheter Shaft Outer Diameter	Proximal : 0.67 mm Distal : 0.89 mm
Balloon Inflation Pressure	*NP = 8 atm for 2.00 mm to 2.25 mm, 10 atm for 2.50 mm to 3.00 mm, 11 atm for 3.50 mm to 4.50 mm RBP = 16 atm for all sizes
Guide Catheter	5 Fr compatible
Guidewire Diameter	0.014 inch
* Assure full deployment of the stent deployment pressures should be based on lesion characteristics. Note: 1F is equivalent to 0.33mm. 1 atm = 1.01 bar	

Compliance Chart								
Pressure [atm]	2.00 mm	2.25 mm	2.50 mm	2.75 mm	3.00 mm	3.50 mm	4.00 mm	4.50 mm
8	2.02	2.23	2.46	2.69	2.92	3.27	3.86	4.28
9	2.06	2.27	2.48	2.73	2.97	3.32	3.92	4.34
10	2.10	2.30	2.50	2.76	3.02	3.37	3.97	4.41
11	2.13	2.33	2.52	2.78	3.05	3.50	4.01	4.50
12	2.16	2.35	2.53	2.81	3.09	3.56	4.05	4.56
13	2.18	2.37	2.55	2.83	3.13	3.61	4.08	4.62
14	2.20	2.39	2.57	2.86	3.16	3.65	4.12	4.68
15	2.23	2.43	2.60	2.89	3.19	3.69	4.16	4.72
16	2.26	2.45	2.63	2.93	3.22	3.72	4.18	4.75
Nominal Pressure (NP) Rated Burst Pressure (RBP) 1 atm = 1.01 bar								
Nominal Pressure = 8 atm for 2.00 mm to 2.25 mm, 10 atm for 2.50 mm to 3.00 mm, 11 atm for 3.50 mm to 4.50 mm RBP = 16 atm for all sizes								

Size Matrix											
Vessel Size (mm)	8	12	16	20	24	28	32	36	40	44	48
2.00	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2.25	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2.50	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2.75	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3.00	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3.50	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4.00	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4.50	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Caution: This product is intended for use by or under the direction of a physician. Prior to use, refer to the "Instructions for use" supplied with these devices for indications, contraindications, side effects, suggested procedure warnings and precautions. As part of our continuous product development policy we reserve the right to change product specifications without prior notification.

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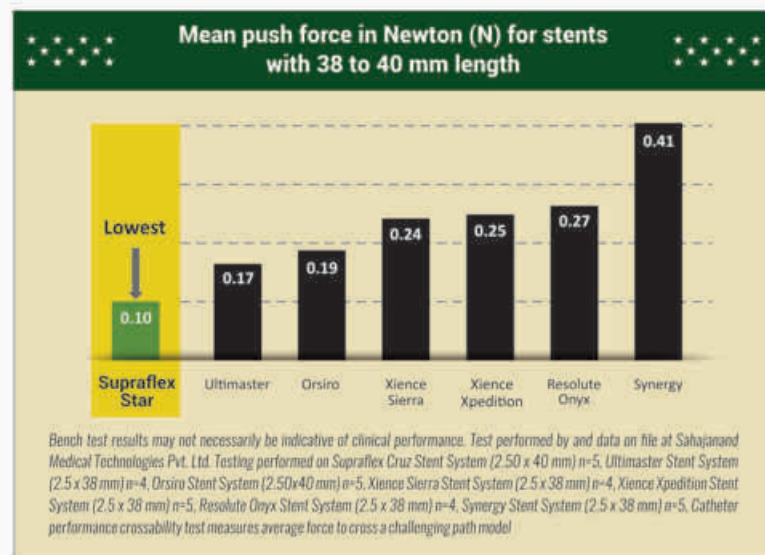
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VP/BRO/IN/EN01 REV 01

Supraflex
Star
 Sirolimus Eluting Cobalt Chromium Coronary Stent System
 CE 2460

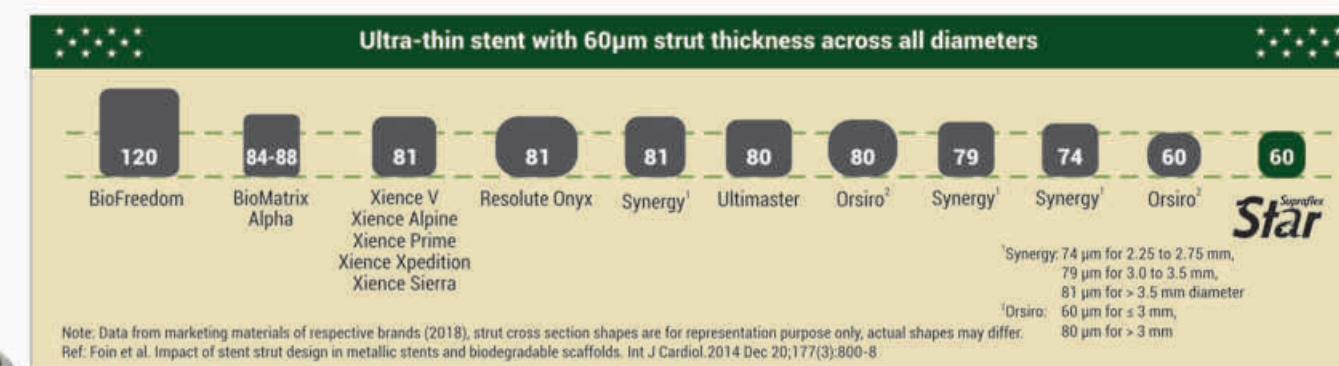
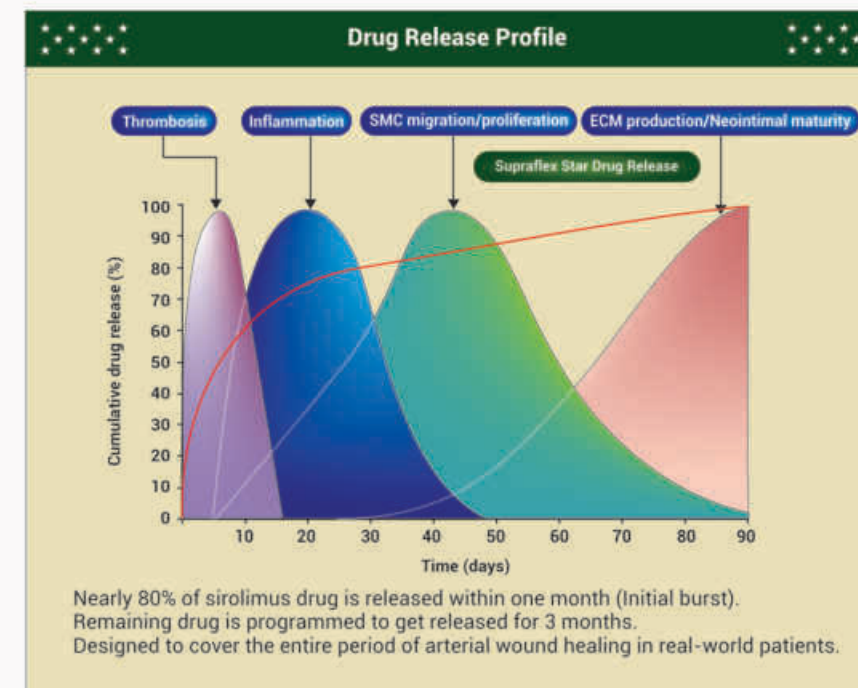




Alternate LDZ Link

- Improves flexibility of the stent
- Transmits 'Push force' with higher efficiency
- Improves overall radial strength
- Resists longitudinal compression

LDZ Link = Long Dual 'Z' Link



Scaffolding Overview and Design Characteristics

- Provides enhanced structural support
- Aids in optimal apposition to vessel wall
- Prevents plaque prolapse
- Leads to uniform expansion of stent

Maximum Circular Unsupported Surface Area (MCUSA)

- MCUSA=0.73 mm² (Value measured on expanded stent of 2.5 mm diameter)
- Lower MCUSA aids in uniform drug distribution
- Scaffolding is more uniform

Strut cross section

Hydrophilic biocompatible coating
 Coating layer for initial drug release
 Coating layer for sustained drug release

Three layers

Polymer thickness 4 - 6 µm

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