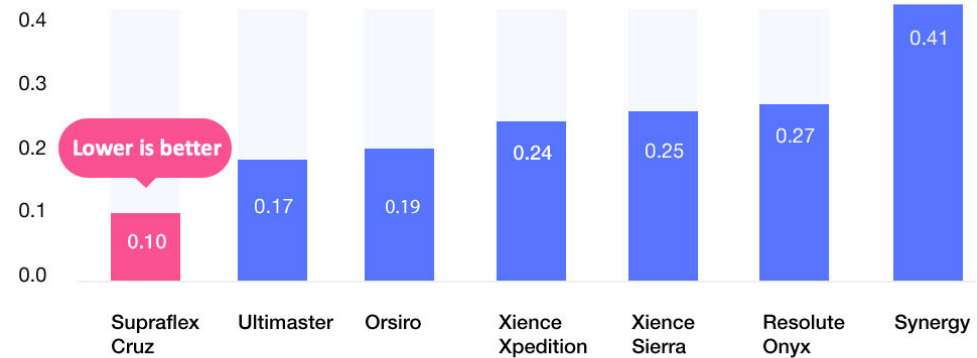




Mean push force in Newton (N) for stents with 38 to 40mm length



Lowest resistance recorded while maneuvering through complex anatomy

* Bench testing performed by Sahajanand Medical Technologies (SMT)

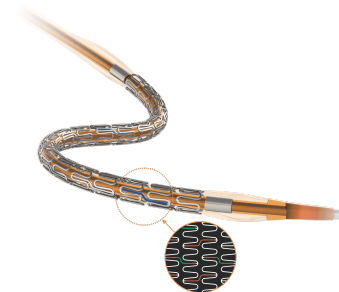
Bench test results may not necessarily be indicative of clinical performance. Test performed by and data on file at Sahajanand Medical Technologies Ltd. Testing performed on Supraflex Cruz Stent System (2.50 x 40 mm) n=5, Ultimaster Stent System (2.5 x 38 mm) n=4, Orsiro Stent System (2.50 x 40 mm) n=5, Xience Sierra Stent System (2.5 x 38 mm) n=4, Xience Xpedition Stent System (2.5 x 38 mm) n=5, Resolute Onyx Stent System (2.5 x 38 mm) n=4, Synergy Stent System (2.5 x 38 mm) n=5. Catheter performance test measures average force to cross a challenging path model

Proprietary 'LDZ' link

Improves flexibility of the stent

Transmits 'Push force' with higher efficiency

Improves overall radial strength



Resists longitudinal compression

Open-Cell Design

Better flexibility

Better side-branch access

Unique blend of hydrophilic-hydrophobic biodegradable polymers from the pioneers in the biodegradable polymer technologies.

Blend of biodegradable polymers

PLLA: Poly-L-lactide

Hydrophobic

PLCL: Poly L-Lactide-co-

Caprolactone

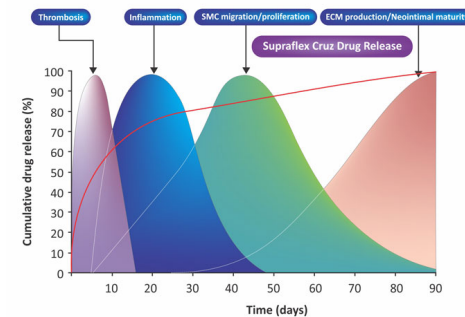
Hydrophobic

PVP: Polyvinyl Pyrrolidone

Hydrophilic

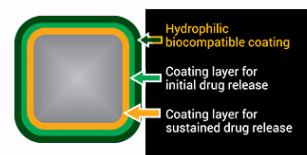
Drug: Sirolimus

Drug dose: 1.4 $\mu\text{g}/\text{mm}^2$

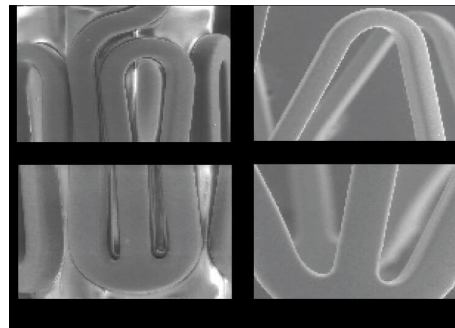


Nearly 80% of drug is released within one month (initial burst). Remaining drug is programmed to get released for 3 months. Designed to cover the entire period of arterial wound healing in real-world patients.

Strut Cross section

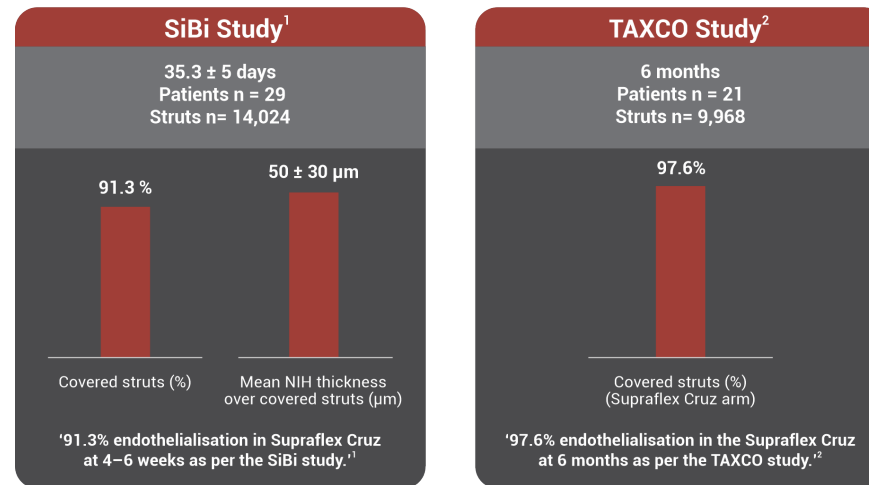


Scanning Electron Microscopy (SEM)



Polymer coating is elastomeric which does not tear off while expansion of stent
No peeling, flaking, cracking of polymer
No webbing formation of polymer during the shelf life of the stent
Proprietary technology ensures complete coating at the outer and inner curves

OCT healing pattern of Supraflex Cruz



Extensive size range so that there is no compromise

Length		8 mm	12 mm	16 mm	20 mm	24 mm	28 mm	32 mm	36 mm	40 mm	44 mm	48 mm
Diameter	2.00 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2.25 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2.50 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2.75 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	3.00 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	3.50 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	4.00 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	4.50 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Long lengths (44mm & 48mm) available.

Overexpansion limits

	Nominal diameter (mm)	Post-Dilatation limit (mm)
Small vessel (4 Crown)	2.00	3.25
	2.25	
Medium vessel (6 Crown)	2.50	4.25
	2.75	
	3.00	
	3.50	
Large vessel (8 Crown)	4.00	5.50
	4.50	

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use**

Gebrauchsanweisung
**instrucciones de
uso**

**Instructions
d'utilisation**



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