Everomime Flex
TECHNICAL SPECIFICATIONS

STENT

Stent design	**Hybrid cell design**
Stent material	**Cobalt chromium L605**
Strut thickness	**50 µm**
Stent diameters	**2.00, 2.25, 2.50, 2.75, 3.00, 3.50, 4.00, 4.50 mm**
Stent lengths	**8, 13, 16, 19, 24, 29, 32, 37, 40, 44, 48 mm**
Mean recoil / length change	**< 4 % / < 1.0 %**

DRUG & POLYMER

Drug	**Everolimus**
Equivalent drug dose	**1.25 µg/mm²**
Polymer	**PLLA + PLGA — biodegradable and biocompatible**
Coating thickness	**2 µm**

DELIVERY SYSTEM

Delivery system	**Rapid exchange (Rx), monolithic**
Nominal pressure	**8 atm**
Rated burst pressure	**14 / 16 atm depending on stent size and length (refer to IFU)**
Balloon overhang	**≤ 0.5 mm**
Shaft outer diameter	**Proximal 2.13 F · Distal 2.7 F**
Radiopaque markers	**2 — platinum / iridium**
Usable catheter length	**142 cm**
Guide catheter compatibility	**5 F (minimum ID 0.056" / 1.42 mm)**
Lesion entry profile	**0.016"**
Distal tip	**Elongated, 7 mm**
Maximum guidewire	**0.014" (0.36 mm)**

CROSSING PROFILE BY STENT DIAMETER

Stent diameter (mm)	Crossing profile
2.00	0.83 mm / 0.033"
2.25	0.85 mm / 0.033"
2.50	0.91 mm / 0.036"
2.75	0.98 mm / 0.039"
3.00	0.99 mm / 0.039"
3.50	1.06 mm / 0.042"
4.00	1.16 mm / 0.046"
4.50	1.19 mm / 0.047"

Everomime Flex
ORDERING INFORMATION

Ordering information with all ordering codes is given on the following page.

KMD INDIA
KEPLER MEDICAL DEVICES PVT. LTD.
ADVANCING SCIENCE FOR LIFE

ADVANCING SCIENCE FOR LIFE

Kepler Headquarters
KEPLER TOWER, One Square, First & Second Floor, Rail Vihar Colony, Sector L, Ashiyana, opposite the Chancellor's Club, Lucknow, Uttar Pradesh 226012
Phone: 0522-3142852

Kepler Sales Office
KEPLER TOWER, One Square, Ground Floor, Rail Vihar Colony, Sector L, Ashiyana, opposite the Chancellor's Club, Lucknow, Uttar Pradesh 226012
Phone: 0522-3167000

Manufacturing Plant
Plot No. 400 to 405, Ward No. 29, Satya Nagar, Raebareli, Uttar Pradesh 229001
Phone: 0535-3568571

Mobile
+91 9305855463 · +91 8840843868

Email
keplermedicaldevices@gmail.com

Website
www.keplermedicaldevices.com

Kepler Medical Devices Private Limited
Supplied sterile, for single use only. Read the Instructions for Use supplied with the device before use for indications, contraindications, warnings and precautions. Specifications are subject to change without notice.

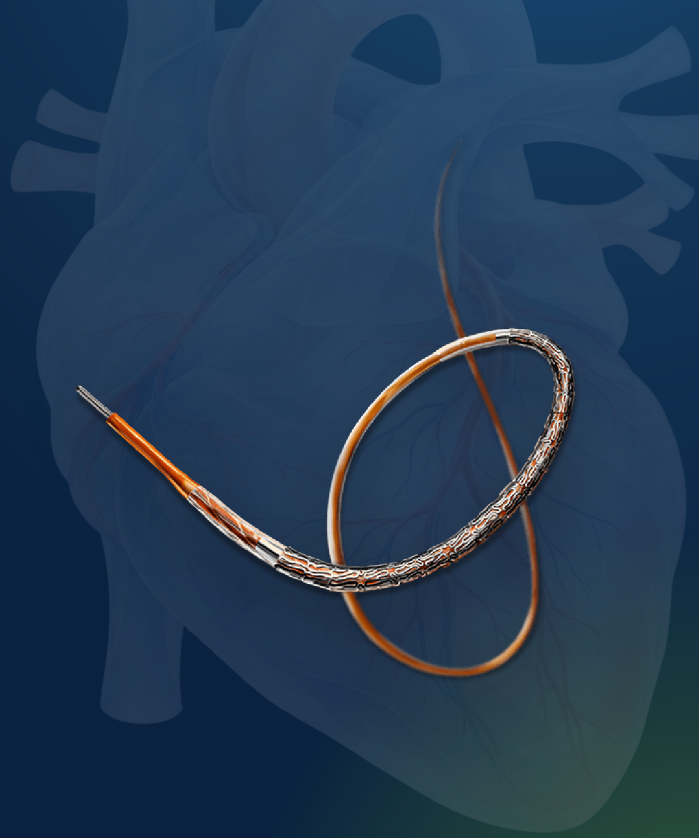
KMD/CAT/EVEROMIMEF/R00 · November 2026

KMD INDIA
KEPLER MEDICAL DEVICES PVT. LTD.
ADVANCING SCIENCE FOR LIFE

DRUG-ELUTING STENTS

Everomime Flex

Everolimus-eluting coronary stent system



Engineered to Deliver.
Designed to Heal.

DRUG-ELUTING STENTS · EVEROLIMUS-ELUTING STENTS

Everomime Flex

Everomime Flex is the flexibility-focused member of Kepler's Everomime everolimus-eluting stent family. It pairs the ultra-thin 50 µm cobalt-chromium scaffold with a highly flexible monolithic delivery system for tortuous and distal coronary anatomy.

S-links and Y-connectors between the hybrid cells let the stent bend with the vessel, and a 7 mm elongated distal tip with a 0.016" entry profile eases lesion entry. Everolimus is carried on a biodegradable PLLA + PLGA polymer that is only 2 µm thick.

Key features

Built for flexibility
Hybrid cells with S-links and Y-connectors conform to curved vessels.

Highly flexible delivery system
Monolithic shaft tracks through tortuous anatomy without kinking.

Ultra-thin 50 µm struts
Cobalt-chromium L605 scaffold with a low crossing profile.

Elongated 7 mm distal tip
0.016" lesion-entry profile; the tip acts like a micro-catheter.

Everolimus on a biodegradable polymer
1.25 µg/mm² in a 2 µm PLLA + PLGA coating.

Long lengths for diffuse disease
Lengths up to 48 mm in diameters 2.00–4.50 mm.

Design & technology

Product design & architecture

Flexibility comes from the way the rings are joined. Non-linear S-links and Y-connectors act as hinges between the hybrid cells, so the stent bends along its length while the strut-width variability keeps radial support.

- Hybrid cell design (open + closed cells)
- Y-connector and S-link interconnections
- Strut-width variability along each ring
- Mean recoil < 4 % and length change < 1.0 %

Stent technology

Cobalt-chromium L605 allows a thin strut while retaining radiopacity and radial strength. At 50 µm, Everomime's struts are 15 µm thinner than the 65 µm sirolimus platforms in the range.

- Material: cobalt chromium L605
- Strut thickness: 50 µm
- Diameters 2.00–4.50 mm; lengths 8–48 mm

Drug & polymer technology

Everolimus, a limus-family antiproliferative, is released from a biodegradable PLLA + PLGA polymer. The coating is 2 µm thick.

- Drug: everolimus
- Dose: 1.25 µg/mm² of stent surface
- Polymer: PLLA + PLGA, biodegradable and biocompatible
- Coating thickness: 2 µm

Delivery system

The monolithic rapid-exchange catheter combines a reinforced hypotube with a highly flexible distal shaft. It transmits push efficiently and resists kinking in difficult anatomy.

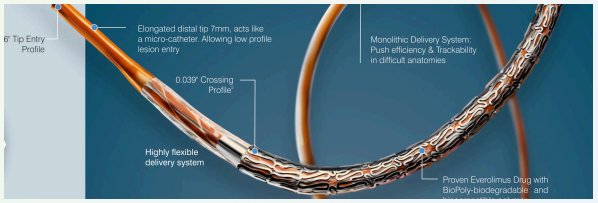
- Rapid exchange, 142 cm usable length
- Nominal 8 atm; rated burst 14/16 atm depending on stent size and length
- Balloon overhang ≤ 0.5 mm; two Pt/Ir markers
- 5 F guide compatible; 0.014" guidewire

Product highlights

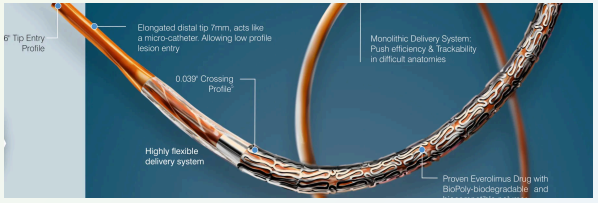
- Stent design: Hybrid cell design
- Stent material: Cobalt chromium L605
- Strut thickness: 50 µm
- Stent diameters: 2.00, 2.25, 2.50, 2.75, 3.00, 3.50, 4.00, 4.50 mm
- Stent lengths: 8, 13, 16, 19, 24, 29, 32, 37, 40, 44, 48 mm
- Mean recoil / length change: < 4 % / < 1.0 %
- Drug: Everolimus

Intended use

Everomime Flex is intended for improving coronary luminal diameter in patients with symptomatic ischaemic heart disease due to de novo and restenotic lesions in native coronary arteries.



Delivery-system and tip architecture



Delivery-system callouts: lesion-entry tip, crossing profile and monolithic shaft

Everomime Flex
ORDERING INFORMATION (CONTINUED)

Stent diameter (mm) \ Length (mm)	8	13	16	19	24	29	32	37	40	44	48
2.00	—	EVF20013	EVF20016	EVF20019	EVF20024	EVF20029	EVF20032	EVF20037	EVF20040	EVF20044	EVF20048
2.25	EVF22508	EVF22513	EVF22516	EVF22519	EVF22524	EVF22529	EVF22532	EVF22537	EVF22540	EVF22544	EVF22548
2.50	EVF25008	EVF25013	EVF25016	EVF25019	EVF25024	EVF25029	EVF25032	EVF25037	EVF25040	EVF25044	EVF25048
2.75	EVF27508	EVF27513	EVF27516	EVF27519	EVF27524	EVF27529	EVF27532	EVF27537	EVF27540	EVF27544	EVF27548
3.00	EVF30008	EVF30013	EVF30016	EVF30019	EVF30024	EVF30029	EVF30032	EVF30037	EVF30040	EVF30044	EVF30048
3.50	EVF35008	EVF35013	EVF35016	EVF35019	EVF35024	EVF35029	EVF35032	EVF35037	EVF35040	EVF35044	EVF35048
4.00	EVF40008	EVF40013	EVF40016	EVF40019	EVF40024	EVF40029	EVF40032	EVF40037	EVF40040	EVF40044	EVF40048
4.50	EVF45008	EVF45013	EVF45016	EVF45019	EVF45024	EVF45029	EVF45032	EVF45037	EVF45040	EVF45044	EVF45048

- 87 sizes: 8 diameters × 11 lengths.

87 configurations · Quote the ordering code when placing an order.