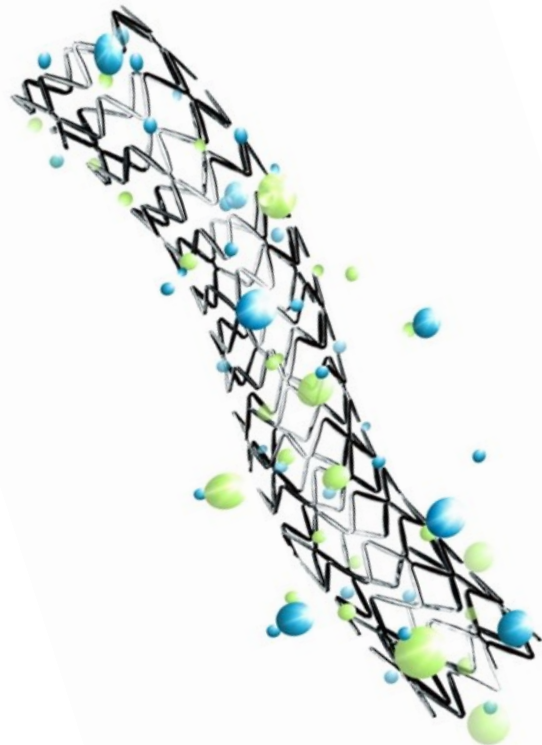


Amazonia[®] SIR sirolimus eluting stent

The Amazonia[®] Sirolimus Eluting Stent is an excellent first line choice for DES coronary intervention. The abluminal stent coating consists of a Poly vinyl pyrrolidone protective layer to the biodegradable polymer matrix (poly L-lactide, 50-50 Poly (D,L-lactide-co-glycolide)). The biodegradable polymer matrix is metabolised to carbon dioxide and water within 6-8 months. The antiproliferative sirolimus agent has an elution time of 48 days with demonstrable safety and efficacy reported.*

- Sirolimus drug with dose of 1.4µg/mm²
- Drug carrier is Poly L Lactide family of co-polymers
- Stent material made from cobalt-chromium alloy L605
- Strut thickness of 73µm (stent) + 5µm (coating)
- Tubular, open cell stent design (6, 8 or 10 cells depending on stent diameter chosen)
- Average recoil <5%
- Average foreshortening <1%
- Rapid exchange delivery system
- Nominal pressure / rated burst pressure of 8 bar / 14 bar
- Tip profile of 0.016"
- Compatible with 5Fr (0.056" ID) guide catheter for all stent sizes
- Compatible with 0.014" guidewire
- Wide ranges of stent length and diameter available



Ordering information

For further information or to place an order, please call us on 01844 340 620 or email us at info@aprmtech.com.

| Length (mm) | Diameter (mm) | | | | | |
|-------------|---------------|----------|----------|----------|----------|----------|
| | 2.25 | 2.50 | 2.75 | 3.00 | 3.50 | 4.00 |
| 8 | AMSIR001 | AMSIR002 | AMSIR003 | AMSIR004 | AMSIR005 | AMSIR006 |
| 12 | AMSIR007 | AMSIR008 | AMSIR009 | AMSIR010 | AMSIR011 | AMSIR012 |
| 16 | AMSIR013 | AMSIR014 | AMSIR015 | AMSIR016 | AMSIR017 | AMSIR018 |
| 20 | AMSIR019 | AMSIR020 | AMSIR021 | AMSIR022 | AMSIR023 | AMSIR024 |
| 24 | AMSIR025 | AMSIR026 | AMSIR027 | AMSIR028 | AMSIR029 | AMSIR030 |
| 28 | AMSIR031 | AMSIR032 | AMSIR033 | AMSIR034 | AMSIR035 | AMSIR036 |
| 32 | AMSIR037 | AMSIR038 | AMSIR039 | AMSIR040 | AMSIR041 | AMSIR042 |
| 36 | AMSIR043 | AMSIR044 | AMSIR045 | AMSIR046 | AMSIR047 | AMSIR048 |
| 40 | AMSIR049 | AMSIR050 | AMSIR051 | AMSIR052 | AMSIR053 | AMSIR054 |

Technical specification

| | |
|--------------------------------|--|
| Drug | Sirolimus |
| Drug carrier | Biodegradable polymer matrix |
| Drug dose | 1.4 µg/mm ² |
| Stent material | Cobalt Chromium Alloy L605 |
| Number of cells | 6 cells for 2.25, 2.5 mm 8 cells for 2.75, 3.0, 3.5 mm 10 cells for 4.0 mm |
| Metal to artery ratio | From 14 to 16% |
| Stent thickness | 73 µm (+5 µm drug coating) |
| Nominal pressure | 8 atm |
| Rated Burst Pressure | 14 atm |
| Guidewire compatibility | 0.014" |
| Guiding catheter compatibility | 5F |

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