

PVDF monofilament

FEATURES

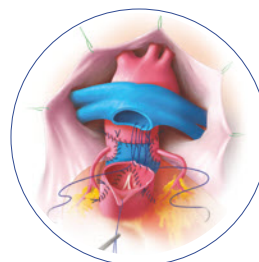
- Ideal elasticity
- Superior stability and biocompatibility
- Smooth
- Minimal memory

BENEFITS

- ▶ Allows tissue growth
- ▶ Long-term strength and security
- ▶ Reduced tissue trauma
- ▶ Easy to use

USES

- Cardiopaediatric surgery
- Transposition of the great arteries, ASD/VSD
- Vascular and cardiac surgery



PACKAGING

- Onepak®
- Specific weavenit pledgets



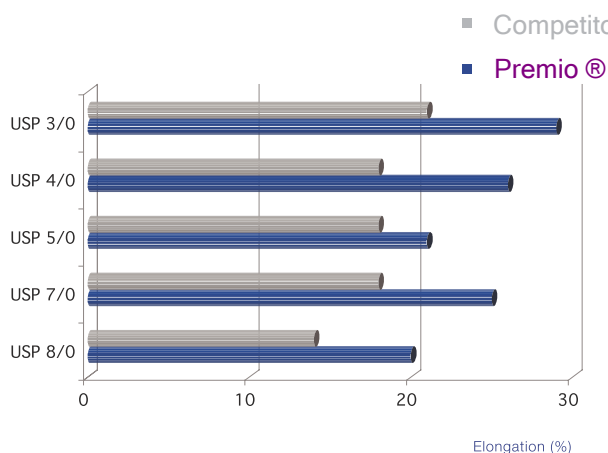
- Fast needle access
- Easy and secure needle extraction
- Traceability and security

RANGE

- USP 7/0 to 2
- Needle length : 8 mm to 45 mm
- Thread length : 10 cm to 140 cm

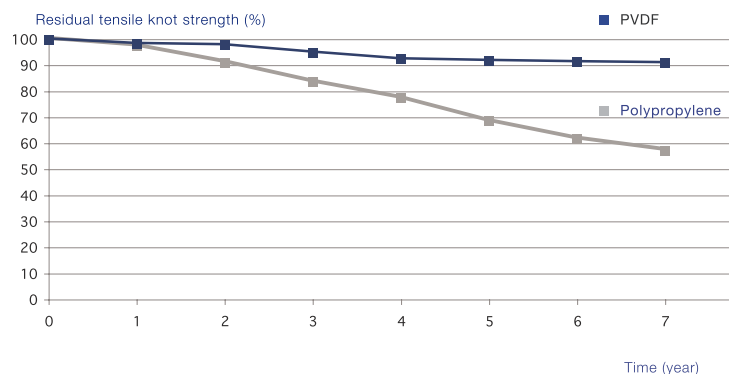
STUDIES

- Ideal elasticity



Source : Service R&D / R&D department

- Stability and security



Source : PVDF Monofilament sutures, Laroche G et al., Artificial organs -1995

Comparison Chart - Péters Surgical Non Absorbable Sutures

	PREMIO®	COROLENE®	CARDIONYL®	CARDIOFLON®	CARDIOXYL®
Structure	Monofilament	Monofilament	Monofilament	Braided	Braided
Material	PVDF	Polypropylene	Polyamide	Polyester impregnated with Teflon®	Silicone Coated Polyester
Key Features	<ul style="list-style-type: none"> • Excellent long term stability • Minimal memory • Excellent knot strength • Optional Pledgets 	<ul style="list-style-type: none"> • Low friction, superior glide , particularly suited to the “parachute” technique • Very low memory easy to handle • Minimal tissue trauma • High strength 	<ul style="list-style-type: none"> • Minimal memory • Very supple • Guaranteed knot strength • Optimal elasticity - reduces the number of knots required • Optional Pledgets 	<ul style="list-style-type: none"> • Very high strength • The Teflon induction gives very high knot security • Superior suppleness • Optional Pledgets 	<ul style="list-style-type: none"> • Silicone coating • Slides through tissue with ease • Simplifies knot adjustability and positioning
Colour	Blue	Blue	Blue	Green or Green & White	Green & White
USP Range	9/0 – 2/0	8/0 – 2/0	6/0 – 1	5/0 - 5	5/0 – 2/0
Surgical use	Neonatal and Paediatric Surgery Vascular Surgery Cardiac Surgery	Cardiac and Vascular Surgery Coronary Surgery	Cardiac Surgery Mitral and Aortic Valve repair Cardiac cavity closures	Cardiac Valve Repair Cardiac valve and ring placement Securing CPB Cannula Thoracic Drain placement	Cardiac valve and ring placement Securing CPB Cannula Patch implantation

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