

GORE® STA-PURE Series PCS Elements

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Features and benefits

- Pressure rated up to 7 bar (100 psi)
- Longest available tube life
- STA-PURE PCS's bore is three times smoother than thermoplastic elastomer tubing, with no grooves or cracking developing as flexing continues
- Spallation virtually eliminated, leaving high-value duty fluids uncontaminated
- Available in 20 different bore sizes, three wall thicknesses and three element lengths
- Operating temperature -20 °C to 80 °C
- STA-PURE PCS is a trademark of WL Gore & Associates inc.



Technical specifications

	GORE® STA-PURE Series PCS Elements
Bore size	1.6 - 25.4 mm
Bore size	0.0625 - 1 in
Wall thickness	2.4 - 4.8 mm
Wall thickness	0.0938 - 0.1875 in
Colour	Off-white
Transparency	Opaque
Spallation	Very low
Certification	USP <87>, USP <88>, USP Class VI
Operating temperature range	-20 °C to 80 °C
Operating temperature range	-4 °F to 176 °F
Sterilisation methods	Autoclave, CIP, SIP

Materials of construction

	GORE® STA-PURE Series PCS Elements
Tubing	ePTFE and platinum-cured silicone composite
Connector material	PVDF

Product codes

STA-PURE PCS Double Segment Kynar Y-Element ordering codes				
Bore		Wall Thickness		Product codes
mm	inch	mm	inch	
1.6	0.0625	2.4	0.0938	961.E016.K24
3.2	0.1250	2.4	0.0938	961.E032.K24
4.8	0.1875	2.4	0.0938	961.E048.K24
6.4	0.2500	2.4	0.0938	961.E064.K24
8.0	0.3125	2.4	0.0938	961.E080.K24
8.0	0.3125	4.0	0.1562	961.E080.K40
12.0	0.4688	2.4	0.0938	961.E120.K40
16.0	0.6250	2.4	0.0938	961.E160.K40

STA-PURE PCS LoadSure Elements ordering codes	
Product Name	Product codes
STA-PURE PCS 520 LoadSure 3.2mm Bore Tri-Clamp Element	961.0032.PFT
STA-PURE PCS 520 LoadSure 6.4mm Bore Tri-Clamp Element	961.0064.PFT
STA-PURE PCS 520 LoadSure 9.6mm Bore Tri-Clamp Element	961.0096.PFT
STA-PURE PCS 620 LoadSure 12.0mm Bore Tri-Clamp Element	961.0120.PFT
STA-PURE PCS 620 LoadSure 17.0mm Bore Tri-Clamp Element	961.0170.PFT
STA-PURE PCS 720 LoadSure 12.7mm Bore Tri-Clamp Element	961.0127.PFT
STA-PURE PCS 720 LoadSure 15.9mm Bore Tri-Clamp Element	961.0159.PFT
STA-PURE PCS 720 LoadSure 19.0mm Bore Tri-Clamp Element	961.0190.PFT
STA-PURE PCS 720 LoadSure 25.4mm Bore Tri-Clamp Element	961.0254.PFT

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