

Absolute Rated Thermally Welded Glass Fibre Liquid Filters - PLEATFLOW TH

Part #: TH0.5-40-20F



The high performance Pleatflow TH cartridge is specifically manufactured for the filtration of oilfield fluids and its fully thermal welded construction ensures safe operation and optimum filtration performance.

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Technical Specifications

Micron Rating:	0.5 µm	Filter Efficiency Rating:	0.5 - 50 micron
Brand:	Parker	Maximum Pressure Differential:	37 psi (2,5 bar)
Industry:	Oil and Gas	Maximum Operating Temperature:	176°F (80°C)
Function:	Clarification/Prefiltration/Polishing	Maximum Flow Rate:	44 bbl/hr (7m ³ /hr) per 40"length @ 68°F (20°C)
Filter Construction:	Pleated Depth	End Cap Configuration:	222 Single Open End / Flat or Spear
Media:	Glass Microfibre	Special Option:	Viton O-ring / High Temperature
Core Material:	Molded Polypropylene	End Cap Configuration:	222 Single Open End / Flat
Seal Material:	Buna-N	Length:	40" (1005 mm)
Outside Diameter:	2.5" (64 mm)		
Inside Diameter:	1.1" (28 mm)		
Connection Size:	Type 222		

[Safety Warning](#)

Item Information

The contaminants present in well injection fluids can lead to formation blockage ultimately decreasing productivity. PLEATFLOW TH cartridges will reliably and effectively resolve these issues. The high performance Pleatflow TH cartridge is specifically manufactured for the filtration of oilfield fluids and its fully thermal welded construction ensures safe operation and optimum filtration performance. Pleatflow TH elements are manufactured with a rigid outer cage ideally suited for use in harsh oilfield environments and available in a wide range of microns suitable for the protection of oilfield formations.

Applications

Completion fluids / Work over fluids / Gravel pack fluids / Waste water / Diesel, fuel & oil / Surface water intake / Polishing brines / Gels, amines

and glycols / Process water / Pre filtration RO / Stimulation fluids / Acids

Benefits:

- Fully thermally welded, no glue or adhesives.
- Rigid support cage.
- All Pleatflow cartridges are Beta 5000 rated (efficiency 99.98%).
- 3-layer construction; glass fibre between polyester filter layers for maximum removal performance, strength and stability.
- Especially designed for the offshore industry.
- World wide stocking for standard products.
- Colour code micron rating for easy recognition.
- Retrofits for all types and brands.

For more information or a detailed discussion about your specific requirements please contact Parker or an authorised Parker distributor.

CAD Drawings + Files



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