

[Home](#)

[Products](#) ▾

[Help & Support](#)

[Industries](#) / [Products](#) / [Filters, Collectors, Separators](#) / [Replacement Filter Elements](#) / [Liquid Filter Elements](#) / [Absolute Rated Thermally Welded Glass Fibre Liquid Filters](#) / TH5-40-20F

[Where To Buy](#)

# Absolute Rated Thermally Welded Glass Fibre Liquid Filters - PLEATFLOW TH

Part #: TH5-40-20F



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.

[View Series Page](#) ▮ [Share / Email](#) [Print](#)

## Technical Specifications

Micron Rating:	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 (7m³/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 D100 cartridges are Beta 5000 rated (efficiency 99.98%).
- Exceptional flow; 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.
- Range of fits for all types and brands.

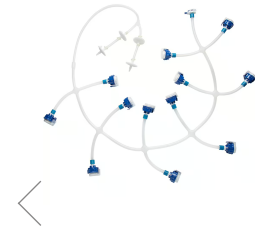
For more information or a detailed discussion about your specific requirements please contact Parker or an authorised Parker distributor.  
[Home](#) [Help & Support](#)

## CAD Drawings + Files

[Where To Buy](#)

## Related Documents

## Related Products



Single-Use Molded  
Silicone Manifolds  
and Tubing

Bioprocess  
Containers



Single-Use Biopharm  
Pressure Sensors -  
SciLog® SciPres®



Single-Use  
Conductivity Sensors  
- SciLog® SciCon®



Single-Use Biopharm  
Temperature Sensors  
- SciLog® SciTemp®

Si



### Americas

USA, Canada, Mexico

[cparker@support.parker.com](mailto:cparker@support.parker.com)  
[1-800-272-7537](tel:1-800-272-7537)

### Europe

[00800 27 27 5374](tel:00800-27-27-5374)

**AOG (Aircraft on Ground)**

[1-949-851-4357](tel:1-949-851-4357)

+ [Company Information](#)

+ [Global Operations](#)

+ [Help & Support](#)

+ [Follow Us :](#)

© PARKER HANNIFIN CORP 2023

**ENGINEERING YOUR SUCCESS.**

[SITE MAP](#) [SAFETY](#) [PRIVACY POLICIES](#) [TERMS AND CONDITIONS](#)



[Home](#)

[Products](#) ▾

[Help & Support](#)

[Industries](#)

[Where To Buy](#)

---