

Datasheet

TFFP Series

Single Round Plastic Housings

TFFP Series Cartridge Filter Housing

Polymeric industrial liquid filter housing designed for pre-filtration and clarification duties. Suitable for a single DOE filter element.

The robust, cost-effective design incorporates a screw closure for quick and easy filter element change-out.



Parameter	Specification
Model	TFFP Series
Number of cartridges	1 piece
Cartridge length	5", 10" (nominal), 20"
Housing material	Head - Polypropylene White Bowl - Polypropylene Clear Bowl - SAN
End-cap types	DOE
Inlet connection	1/2", 3/4" or 1" BSP female
Outlet connection	1/2", 3/4" or 1" BSP female
Vent connection	with or without pressure relief button
Maximum working pressure	10 bar (g)
PED hydrostatic test pressure	>14.3 bar (g)
Average burst pressure	35 bar (g)
Cyclic pressure test	0-10 bar (g) - 100,000 cycles
Operating temperature	5 - 50 °C
Closure type	Screw closure
Seal Material	NBR
Orientation	Vertical
Application	Liquid filtration

General Information

Polymeric housings provide a cost-effective and robust solution for small-scale filtration applications.

Excellent corrosion resistance and chemical resistance.

Compatible with DOE elements, including depth filters, pleated filters and carbon filters, amongst other filter types.

The screw closure is well suited for industrial systems operating up to 10 bar and 50 °C.

Available either with or without a pressure relief vent.

Available in lengths from 5" through to 20".

Available with spanner for secure bowl closure.

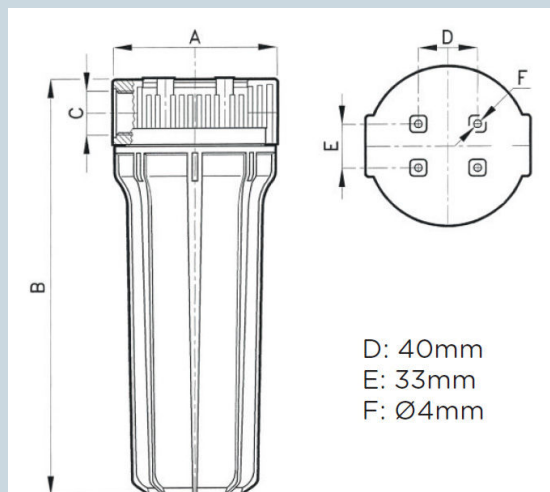
Typical Applications

- Food and beverage
- Fine chemicals
- Coatings (solvents, inks, and dyes)
- Water treatment
- General industrial applications
- Pre-filtration and clarification

Design & Construction

- Polypropylene head with either a white polypropylene bowl or transparent SAN bowl.
- Screw type closure ensures quick and easy filter element change.
- Designed to accept DOE filter elements

Dimensions



Size	Inlet/Outlet (c)	Dimensions axb (mm)
5"	3/8"F	118x170
10"		118x302
20"		118x562
5"	1/2"F	122x178
10"		122x310
20"		122x570
5"	3/4"F	122x185
10"		122x317
20"		122x577
5"	1"F	122x193
10"		122x325
20"		122x585

Ordering information

Code	Bowl Material	Single Filter	Length (inch)	Standard Diameter	Connection	Vent Option
TFFP2	BCF - SAN BWF - PP	1	05 - 5" 10 - 10" 20 - 20"	SD	3/8 - 3/8" BSP (F) 1/2 - 1/2" BSP (F) 3/4 - 3/4" BSP (F) 1 - 1" BSP (F)	Blank - with vent NV - without vent

Disclaimer

All information in this datasheet is provided for guidance only and may be subject to change. The end user is responsible for correct selection, installation, and operation within the specified design limits. The manufacturer accepts no liability for improper use or unauthorized modifications.