

HALAR / ETFE (TEFZEL) / FEP / PFA COATED FILTER HOUSING

We offer filter housings internally coated with Halar (ECTFE), ETFE (Tefzel), FEP, or PFA, suitable for highly corrosive and high-purity process applications

OPERATING CONDITIONS

- Operating Temperature: Up to 150–200°C (depending on coating material)
- Operating Pressure: As per housing design

APPLICATIONS

- Pharmaceutical & API plants
- Specialty & fine chemical industries
- Acid & alkali handling systems
- Chlorination services and aggressive media filtration

AVAILABLE CONFIGURATIONS

- Single Cartridge Filter Housing
- Multi-Cartridge Filter Housing
- Bag Filter Housing
- REDF Auto Backwash Filters
- Special & Custom-Engineered Designs



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KEY FEATURES

- Excellent chemical resistance to acids, alkalis, solvents, and oxidizing agents
- Smooth, non-stick internal surface ensuring low fouling and easy cleaning
- Suitable for high-purity and aggressive chemical applications
- Pin-hole / spark tested coating for integrity assurance
- Long service life with superior corrosion protection

BASE HOUSING MATERIAL

- SS 304
- SS 304L
- SS 316
- SS 316L

COATING DETAILS

- Coating Materials: Halar (ECTFE) / ETFE (Tefzel) / FEP / PFA
- Typical Coating Thickness: 800 microns
- Coating Integrity Test: Pin-hole / spark testing

