

EN312 Absolute Pleated Filter Cartridge



Description

A high efficiency high flow rate filter cartridge that is suited for a wide range of applications. The EN312 filter is a thermally bonded pleated micro glass fibre and polyester filter media with up to 45m² of surface area for high flow rates and increased dirt holding capacity. One EN312 Series filter is designed to replace up to 50 standard pleated cartridges of similar length.

Pleated filter cartridges are available in a wide range of absolute micron ratings extending from 0.5 microns to 40 microns.

Typical Applications

- Amines
- Glycol
- Acids
- Waste Water
- Diesel
- Seawater
- Process Water
- Brines
- Work-over Fluids
- Produced Water
- Gravel Pack Fluids
- Well Completion Fluids

Benefits

- Manufactured at Centurion Fluid Filtration Production Facilities
- 100% Thermally bonded (welded) no adhesives used
- Designed for oilfield & industrial applications
- Uniform pore size resulting in high removal efficiency Beta 5000 (99.98%)
- One-piece rigid outer cage providing media protection and structural strength

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PRODUCTION AND PROCESS NEEDS.**

Technical Specifications

General Specifications

Micron Ratings	0.5, 1, 2, 5, 10, 20, 40 Others available on Request
Filter Media	Micro Glass Fibre, Polyester
Core & Cap Material	Polypropylene
Filtration Area	Up to 45 m ² per Filter Cartridge
Filter Element Efficiency	Beta 5,000
Filter Diameter	312 mm
Filter Length	980 mm
Seal Material	Buna, Neoprene, EPDM, Viton & Nitrile

Recommended Operating Conditions

Max. Temperature	80°C
Max. Flow Rate	43 m ³ /hr per Filter
Recommended Change Out	2.5 Bar (37 PSI)

Media AG - Glass Fibre PE - Polyester	Micron Rating 0.5 - 0.5 Micron 02 - 02 Micron 05 - 05 Micron 10 - 10 Micron 20 - 20 Micron	Filter Length 40" - 980mm	Seal Material E - EPDM N - Nitrile B - Buna V - Viton	End Fitting 2 - Flat / 226 Others on Request
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Cartridge Coding: EN312 - AG 02 40 N 2

For more information on our products and services, please contact your local Centurion Fluid Filtration representative or email us at CFFUK@centuriongroup.co.uk.

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