



GORE® Filter Tube Assemblies

Higher filtration area for a given space

DESCRIPTION

- Nine GORE ePTFE tubes, 17.6 mm (0.69 in) outside diameter each, mounted in one head assembly
- Bottom-load CPVC head assembly design for a GORE® Filter Tube Assembly
- Outside to in flow, traps the contaminant outside of the element
- EPDM porous hose used for internal tube support
- Effective filtration area of 0.95 m² (10.2 ft²) per GORE® Filter Tube Assembly

FEATURES & BENEFITS

- Increased filtration area – about 2.5 x the filtration area for a given volume compared to the filter sock design
- Use of smaller, less expensive vessels
- Fewer number of elements needed in existing vessels
- Smaller housing diameter
- Ease of installation – new filter tube consists of single piece filter media and support element, allowing quick changeouts and minimal downtime
- More durable – the GORE® Filter Tube Assembly is a thicker and more robust material than a membrane laminate



PERFORMANCE SPECIFICATIONS¹

Continuous Operating Temperature	70 °C (158 °F)
Retention Efficiency (per ASTM F 795 test)	>99 % @ 0.5micron (typical)
Acid/Alkali Resistance	Yes
Free Chlorine Resistance	Up to maximum 30 ppm permanent
Operating Pressure	2 – 10 psi (14 – 70 kPa) (typical)
Back-pulse Pressure	5 psi. (35 kPa) (max)

¹ In fully compatible fluids which do not chemically attack, soften, swell, or adversely affect any of the components of construction.



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Product Specification

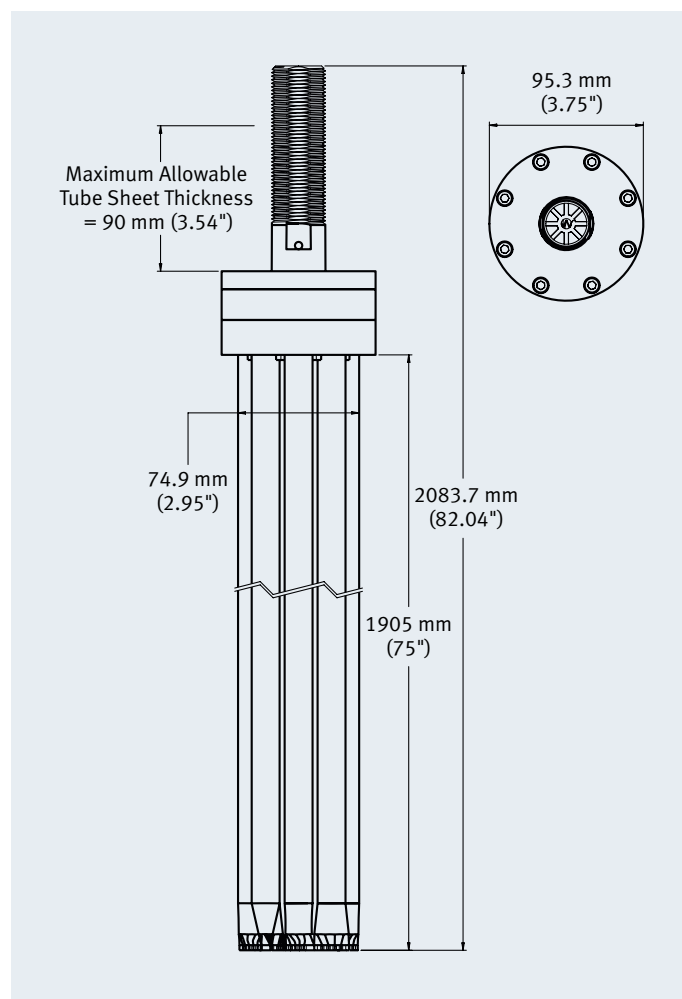
MATERIALS OF CONSTRUCTION

Tubing	GORE expanded PolyTetraFluoro-Ethylene (ePTFE) membrane
Support material	Ethylene-Propylene Diene Monomer (EPDM)
Head assembly	Chlorinated Polyvinyl Chloride (CPVC)
Head assembly screws	Titanium
Sealing Gasket	EPDM

DIMENSIONS MEMBRANE TUBE (NOMINAL):

Inner diameter	16.5 mm (0.65 in)
Membrane thickness	0.55 mm (0.02 in)

DIMENSIONAL DRAWINGS



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W. L. Gore & Associates, Inc.

101 Lewisville Road, Elkton, MD 21921

US Toll-Free: 800.437.5427 • Phone: +1.410.506.3560

Fax: +1.410.506.0107 • E-mail: performancesolutions@wlgore.com

gore.com/filtration

