

# 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 m<sup>2</sup> (10.2 ft<sup>2</sup>) 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 SPECIFICATIONS<sup>1</sup>

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)



# **GORE**<sub>®</sub> Filter Tube Assemblies

## **Product Specification**

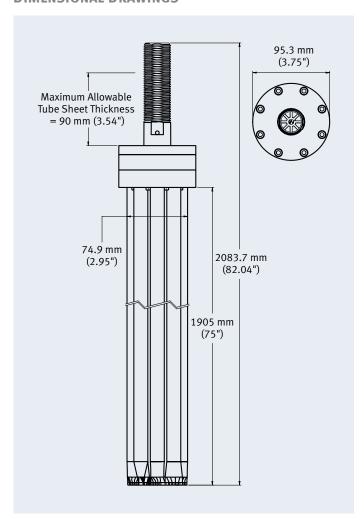
### **MATERIALS OF CONSTRUCTION**

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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ILF-001-R1-DSH-EN-JUL20