

Duo-Fine® GT Series Filter Cartridges

High Performance Pleated Filter Cartridges

- High surface area provides significantly higher contaminant-holding capacity than wound or sock type filter cartridges
- Rigid pleat structure withstands high differential pressures during system start-up
- Available in standard lengths to retrofit most competitive housings

Performance Specifications

Filter grade

3 micron (nominally rated)

Recommended change-out differential pressure¹

2.4 bard (35 psid)

Maximum differential pressure

6.9 bard (100 psid) @ 20°C (68°F)

3.4 bard (50 psid) @ 65°C (150°F)

Product Specifications

Materials of construction

Filter media:	Borosilicate microfiberglass with acrylic binder
Support material:	Polypropylene
Hardware:	Polypropylene
Gaskets/O-rings:	Nitrile (standard), fluorocarbon elastomer, silicone elastomer, hydrocarbon rubber

Dimensions (nominal)

Outside diameter: 6.6 cm (2.6 in)

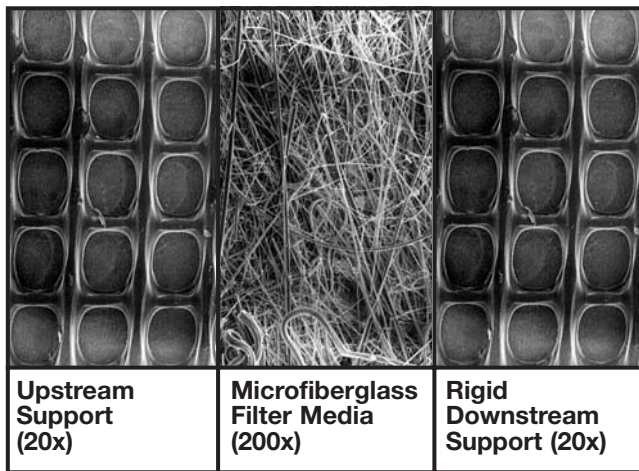
Inside diameter: 2.78 cm (1.09 in)

Lengths: 25.4 cm (10 in), 50.8 cm (20 in),
68.6 cm (27 in), 76.2 cm (30 in),
91.4 cm (36 in), 101.6 cm (40 in)

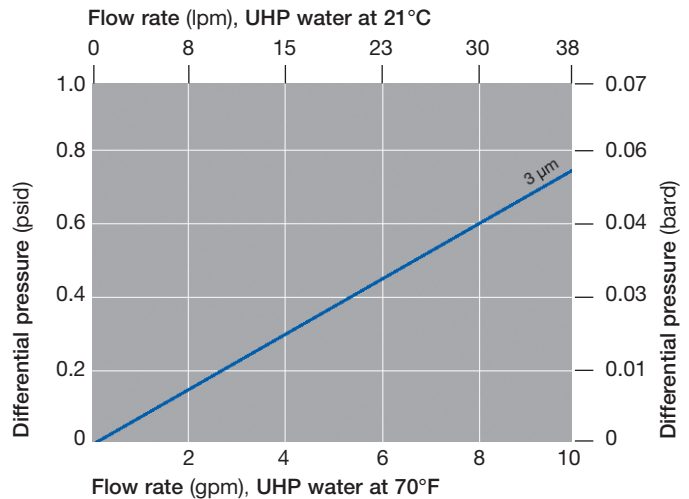


¹ Provided that the maximum differential pressure is not exceeded based on temperature limits defined above.

Micrograph of Duo-Fine GT Series Filter Media



Typical Flow vs. Differential Pressure for Application Sizing



Unit conversion: 1 bar = 100 kPa

Flow rate is for a 25.4 cm (10 in) cartridge. For liquids other than water, multiply differential pressure by fluid viscosity (cP).

Ordering Information

Pall Part Number = DFGT 1 - 2 U 3 - 4

Table 1

Code	Filter grades
3	3 µm

Table 2

Code	Cartridge lengths (cm/in) nominal
10	25.4/10
20	50.8/20
27	68.6/27
30	76.2/30
36	91.4/36
40	101.6/40

Table 3

Code	Gasket/O-ring materials
S	Silicone
N	Nitrile (standard)
E	Hydrocarbon rubber
V	Fluorocarbon elastomer

Table 4

Code	End configurations
DOE	DOE with elastomer gasket seals & end caps
M3	SOE flat closed end, external 222 O-rings (retrofits other manufacturers' Code 0) ²

² For details, contact Pall Corporation.



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