



## DUO-FINE® GT Series Filter Cartridges

### High Performance Pleated Filter Cartridges Improve Lubrication System Performance

- Protects Critical Components From Abnormal Wear by Removing Harmful Contaminants
- Extends Lubricant Life Cycles and Lowers Regular Maintenance Costs
- 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  $\mu\text{m}$  (nominally rated)

#### Recommended Change Out Differential Pressure<sup>1</sup>:

35 psid (2.4 bard)

#### Maximum Differential Pressure:

100 psid (6.9 bard) @ 68°F (20°C)

50 psid (3.4 bard) @ 150°F (65°C)

### Product Specifications

#### Materials of Construction:

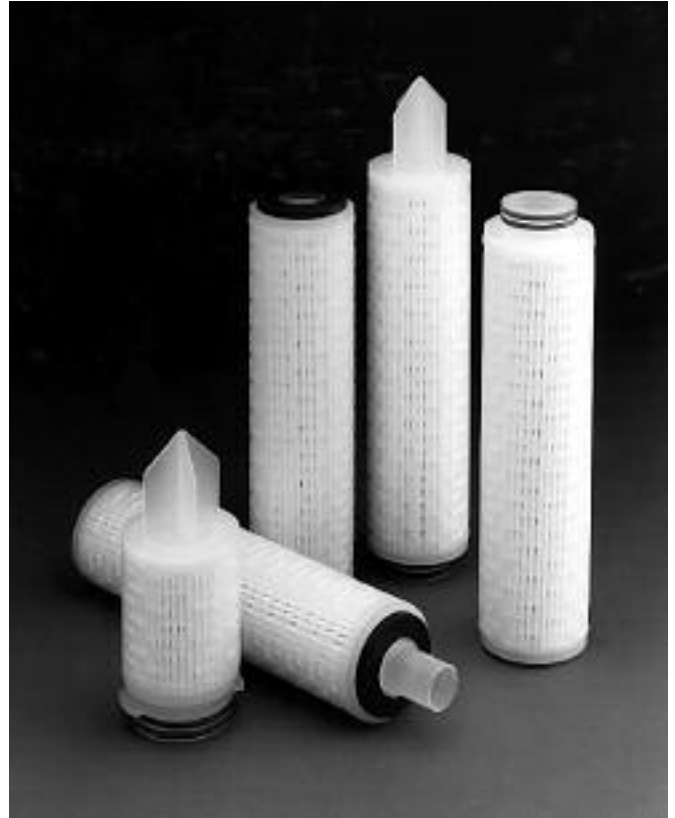
|                   |   |
|-------------------|---|
| Filter Media:     | Borosilicate Microfiberglass with Acrylic Binder                    |
| Support Material: | Polypropylene   |
| Hardware:         | Polypropylene   |
| Gaskets/O-rings:  | Buna N (standard), Viton <sup>2</sup> A, Silicone Elastomer, Nordel |

#### Dimensions (nominal):

Outside Diameter: 2  $\frac{3}{8}$ " (6.6 cm)

Inside Diameter: 1  $\frac{3}{32}$ " (2.78 cm)

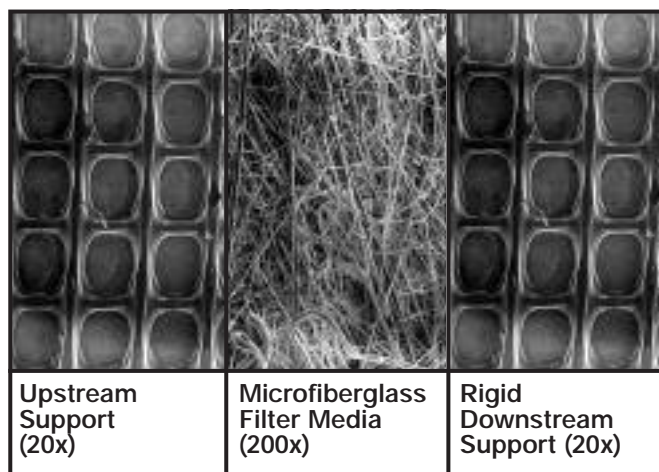
Lengths: 10" (25.4 cm), 20" (50.8 cm),  
27" (68.6 cm), 30" (76.2 cm),  
36" (91.4 cm), 40" (102 cm)



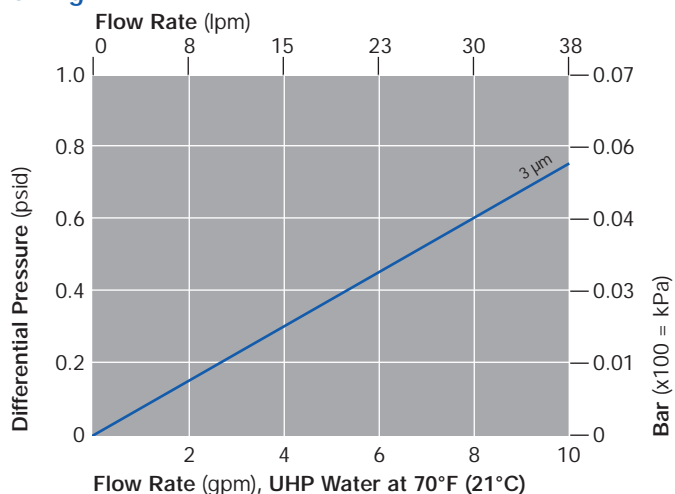
<sup>1</sup> - Provided that the maximum differential pressure is not exceeded based on temperature limits defined above.

<sup>2</sup> - Registered trademark of DuPont Dow Elastomers.

## Micrograph of DFGT Filter Media



## Typical Flow vs. Differential Pressure for Application Sizing



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

## Part Numbers/Ordering Information

DFGT ■ – ● U ◆ – ▼ (e.g., DFGT 3 – 10UN – DOE)

| Code<br>■ | Filter Grades |
|-----------|---------------|
| 3         | 3 µm          |

| Code<br>● | Cartridge Lengths (nominal) |
|-----------|-----------------------------|
| 10        | 10"                         |
| 20        | 20"                         |
| 27        | 27"                         |
| 30        | 30"                         |
| 36        | 36"                         |
| 40        | 40"                         |

| Code<br>◆ | Gasket/O-ring Materials |
|-----------|-------------------------|
| S         | Silicone                |
| N         | Buna N (standard)       |
| E         | Nordel                  |
| V         | Viton A                 |

<sup>3</sup> - For details, contact Pall Corporation.

| Code<br>▼ | End Configurations   |
|-----------|--|
| DOE       | DOE with elastomer gasket seals & end caps   |
| M3        | SOE flat closed end, external 222 O-rings (retrofits other manufacturers' Code 0) <sup>3</sup> |



Pall Corporation

2200 Northern Boulevard.  
East Hills, New York 11548-1289

1.800.FILTERS toll free  
516.484.5400 phone  
516.484.3216 fax  
www.pall.com web

Visit us on the Web at [www.pall.com](http://www.pall.com)

Pall Corporation has offices and plants throughout the world in locations including: Argentina, Australia, Austria, Belgium, Brazil, Canada, China, France, Germany, India, Indonesia, Ireland, Italy, Japan, Korea, Malaysia, Mexico, the Netherlands, New Zealand, Norway, Poland, Puerto Rico, Russia, Singapore, South Africa, Spain, Sweden, Switzerland, Taiwan, Thailand, United Kingdom, United States, and Venezuela. Distributors are located in all major industrial areas of the world.