

info@lennotech.com

www.lennotech.com

Tel. +31-15-261.09.00

Fax. +31-15-261.62.89



## 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:

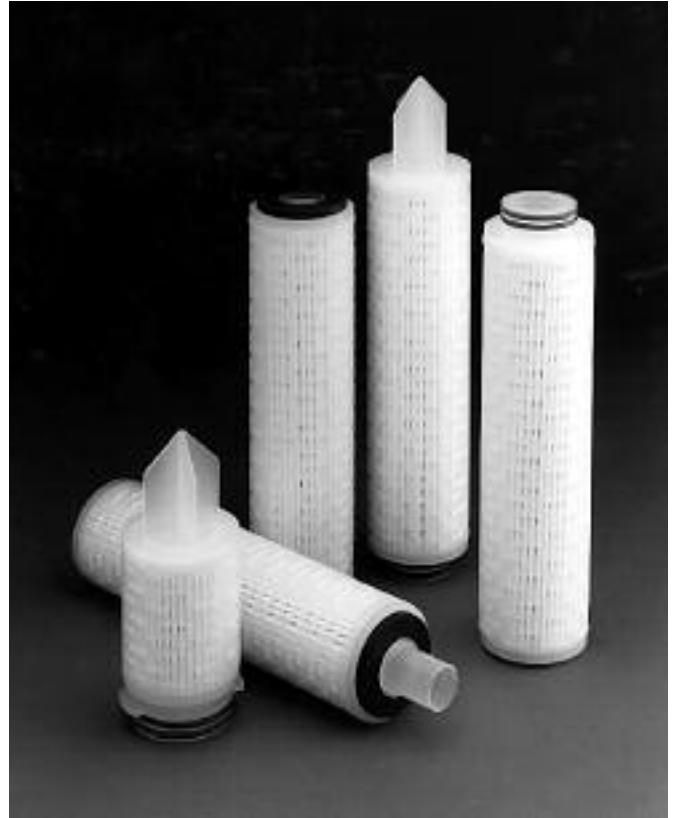
Filter Media:	Borosilicate Microfiberglass with Acrylic Binder
Support Material:	Polypropylene
Hardware:	Polypropylene
Gaskets/O-rings:	Buna N (standard), Viton <sup>2</sup> A, Silicone Elastomer, Nordel

#### Dimensions (nominal):

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

Inside Diameter: 1  $\frac{1}{2}$ " (2.78 cm)

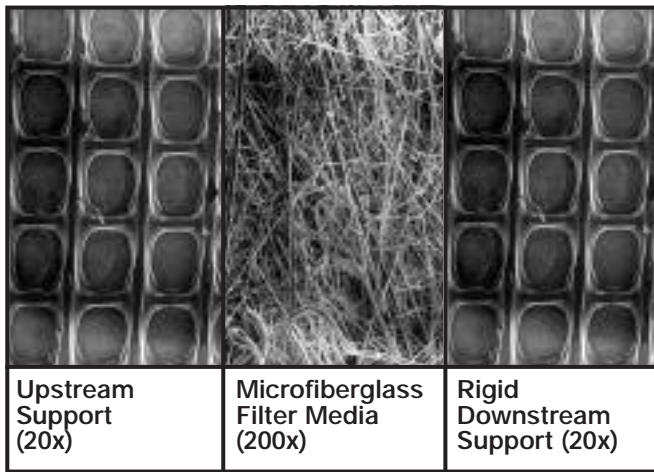
Lengths: 10" (25.4 cm), 20" (50.8 cm),  
27" (68.6 cm), 30" (76.2 cm),  
36" (91.4 cm), 40" (102 cm)



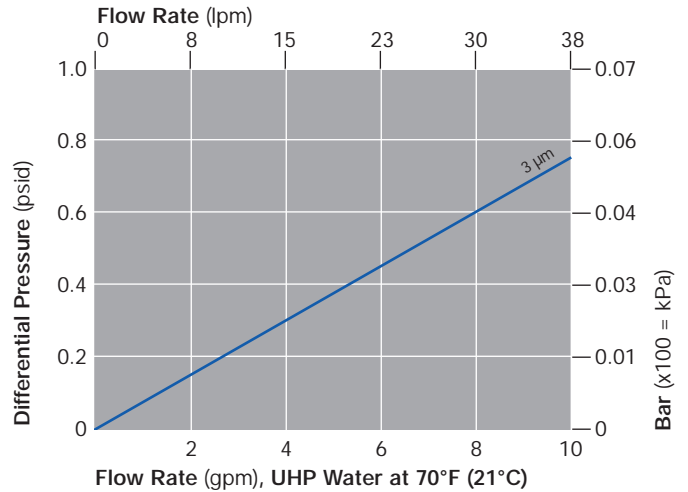
<sup>1</sup> - Provided that the maximum differential pressure is not exceeded based on temperature limits defined above.

<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 ■	Filter Grades
3	3 µm

Code ●	Cartridge Lengths (nominal)
10	10"
20	20"
27	27"
30	30"
36	36"
40	40"

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

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

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) <sup>3</sup>

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