



Graver Technologies

FILTRATION | SEPARATION | PURIFICATION



# RTEC™ G Series Filter Cartridges

## *Rigid Resin Bonded Filters*

RTEC G Series filters feature a microfiberglass/phenolic resin construction that produces an extremely rigid pore structure. This construction allows the filter to withstand extremes of viscosity and temperature without compression or collapse. In addition, a true graded density construction allows complete utilization of the filter's depth, with coarse particles captured in the outer zones and finer particles captured nearer the core.

### Product Specifications

#### Media:

Microfiberglass/Phenolic Resin

#### Micron rating:

0.5, 1, 5, 10, 25, 50, 75, 100, 150 µm

### Dimensions

#### Nominal lengths:

9.75", 10", 19.5", 20", 29.25", 30", 39", 40"  
(24.8, 25.4, 49.5, 50.8, 74.3, 76.2, 99.1,  
101.6 cm)

**Outside diameter:** 2.6" (66 mm)

#### Inside diameter:

1" (25.4 mm) tapered

### Operating Parameters

#### Maximum operating temperature:\*

150 psid @ 200°F (10 bar 93°C)  
50 psid @ 375°F (3.4 bar 190°C)

**Recommended change-out pressure:** 35 psid (2.4 bar)

\*Always check compatibility with the specific process fluid at the specific application temperature.

### FEATURES & BENEFITS

- Rigid microfiberglass/phenolic resin construction prevents unloading even at high differential pressures
- Grooved outer surface increases surface area for longer on-stream life
- Available in a wide range of removal efficiencies from 0.5 to 150 microns
- Broad chemical compatibility
- Provided with outer cotton wrap to aid in handling and protect the surface

### TYPICAL APPLICATIONS

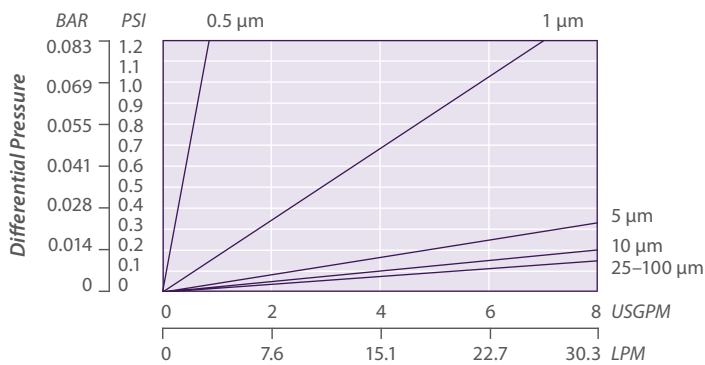
- Paints, Inks
- Sealants
- Adhesives
- Lacquers, Varnishes, Shellacs
- Fuel Oils, Crude Oils, Grease
- Machine Coolants
- Silicones
- Antifreeze
- Plasticizers
- Animal Oils

## RTEC G NOMENCLATURE INFORMATION

Product Series	Retention Rating (microns)		Length (inches)		End Configuration	Gasket or O-Ring
RTEC G Series	0.5	50	-9.75	-29.25	N None	N None
	1	75	-10	-30		
	5	100	-19.5	-39		
	10	150	-20	-40		
	25					
<b>Example: RTEC G 5-20NN</b>						
RTEC G	5		-20		N	N

## RTEC G FLOW RATE

### Typical Flow Rate Clean Water at Ambient Temperature (per 10" cartridge)



For liquids other than water, multiply pressure drop by the fluid viscosity in centipoise

For chemical compatibility, flow rates, and temperature requirements please consult the factory or your local Graver distributor.

### FOR MORE INFORMATION

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