



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

**Core:**

Tin Coated Steel

**Outer Sleeve:**

Cotton

**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

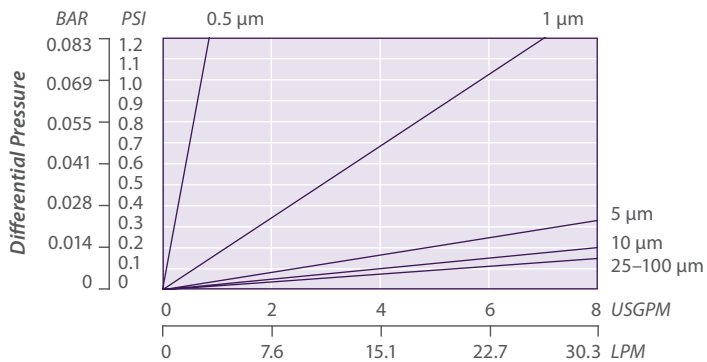
- Paints, Inks
- Sealants
- Adhesives
- Lacquers, Varnishes, Shellacs
- Fuel Oils, Crude Oils, Grease
- Machine Coolants
- Silicones
- Antifreeze
- Plasticizers
- Animal Oils

## 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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