



Graver Technologies

MARKETED BY



LNG FILTERS

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

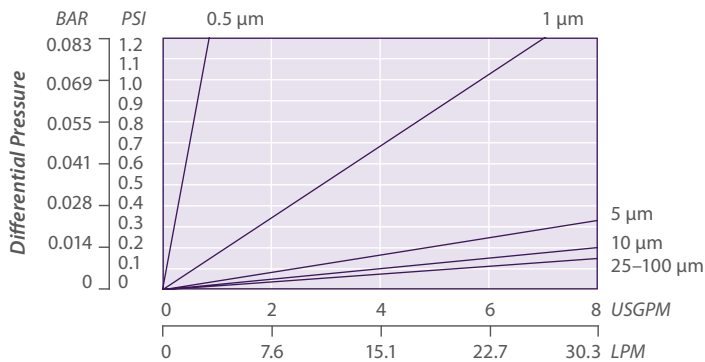


RTEC G NOMENCLATURE INFORMATION

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					
Example: RTEC G 5-20NN						
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

Customer Service/Technical Support: 1-888-353-0303
 Europe (UK): +44-1424-777791 | China: +86-21-5238-6576
 Asia: +65-9635-7690

GTX-340 3-19



All information and recommendations appearing in this bulletin concerning the use of products described herein are based on tests believe to be reliable. However, It is the user's responsibility to determine the suitability for his own use of such products. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Graver Technologies as to the effects of such use or the results to be obtained. Graver Technologies assumes no liability arising out of the use by others of such products. Nor is the information herein to be construed as absolutely complete, since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. RTEC is a trademark of Graver Technologies, LLC.

MARKETED BY

LNG FILTERS

Survey No. 300/9-11, Vill: Bakrol, Nr. Shiv Bhumi estate, Ta: Daskroi, Ahmedabad - 382430.

Contact: +91-9722779907 | INFO@LNGFILTERS.COM



Graver Technologies | 200 Lake Drive, Glasgow, DE 19702 | 302-731-1700 | 800-249-1990
 Fax: 1-302-369-0938 | info@gravertech.com | www.gravertech.com

A member of The Marmon Group—A Berkshire Hathaway Company