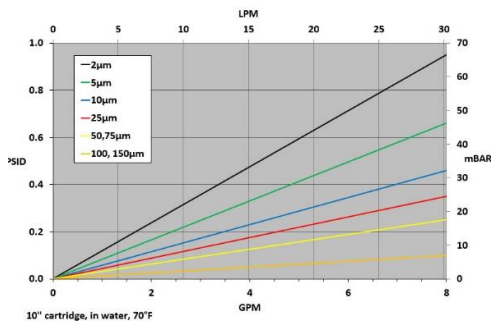


GRU-V Series Resin Bonded

The unique manufacturing process of GRU-V filter elements produces a rigid fixed-matrix structure with true graded-porosity. This maximizes contaminant-holding capacity while preventing the unloading behavior that is often problematic in competitive products. The grooved outer surface greatly expands the filter's effective surface area and further increases the contaminant holding capacity. The synthetic fiber/phenolic resin binder offers well-proven performance operating under challenging conditions of high temperatures, high fluid viscosities, and high differential pressures. The GRU-V is ideal for paints, coatings, oils, and many other demanding applications.



Flow Rate vs Pressure Drop



Typical Applications

- Coatings
- Epoxies
- Adhesives
- Sealants
- Hydraulic Fluids
- Lubricating Oils
- Greases
- Paints
- Inks

Dimensions

- Lengths**.....9.75 to 40 inches
 (24.77 to 101.6cm)
- Outside Diameter**.....2.56 inches (6.50cm)
- Inside Diameter**.....1.06 inches (2.69cm)

Construction Materials

Polyester & acrylic fibers with phenolic resin encapsulation.

Features

- Micron ratings from 2 to 150
- True graded-porosity structure for high dirt holding
- Broad chemical compatibility
- Rigid construction ideal for high viscosity uses
- High temperature resistance

Operating Conditions

Maximum Operating Temperature	Standard DOE 250°F (121°C)
	w/ Polypropylene Spring or Core Extender 180°F (82°C)
	High Temperature DOE (HT) 300°F (149°C)
	High Temperature DOE w/ Epoxy Adhesive (EP) 300°F (149°C)
Maximum Operating Differential Pressure	w/ Stainless Steel Core Extender (HT) 300°F (149°C)
	90 PSID at 150°F (65°C)

Ordering Information

GRU-V	Rating (µ)	N	Length	-	Option	End Cap Style	-	Adders
	2		9.75" (24.77cm)		Blank = Standard	Blank = None		B = Micron Brand
	5		10" (25.40 cm)		HT = High Temp	9 = SOE w/ Spring		
	10		19.5" (49.53 cm)		EP = High Temp Epoxy	10 = DOE w/ Core Extender		
	25		20" (50.80 cm)			10X = Stainless Steel Core Ext.		
	50		29.25" (74.26 cm)			20 = SOE PP Ext. w/ Spring		
	75		30" (76.20 cm)					
	100		39" (99.06 cm)					
	125		40" (101.60 cm)					
	150							

DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required.

Note: GRU-V series filter cartridges are manufactured without the use of silicone-based oils or greases as an ingredient in the product nor as a machine lubricant in the manufacturing environment.

DS_GRB_210219