

GrafTech GRAFOIL® GHW Standard Fluid Sealing Laminate, Non-Metal Reinforced

Category : Carbon , Graphite

Material Notes:

GRAFOIL® Grade GHW is a laminate made with GRAFOIL® Grade GTB flexible graphite thermally bonded to a 0.0025" thick high-temperature continuous woven glass fiber insert. Its functional temperature range is -240°C to 400°C (-400°F to 750°F). Grade GHW is a patented product (US Patent 4,961,991) with excellent strength and handling characteristics. In addition, GHW laminates have excellent blowout resistance and high-temperature creep relaxation characteristics when compared to good quality asbestos, aramid, and carbon fiber gasket materials. GHW is fire safe, and elevated temperature testing proves that GHW outperformed asbestos gasket materials. Its applications include valves, pumps, pipe/ASME/API/DIN flanges, glass-lined or low load flange equipment, steam traps, heat exchangers, and compressors. The advantages of grade GHW are compatible with a wide range of chemicals; maximum continuous use temperature 400°C (750°F); no shelf life; material availability in rolls allows for maximum material utilization; cost effective; easily cut; contains no hazardous materials; robust enough for easy handling and durability; superior to non-asbestos fiber sheet in every characteristic (Temp, Creep, Recovery, and Sealability). Laminate Construction: GRAFOIL® Grade GTB ? 0.0025" high-temperature, PTFE impregnated, continuous woven glass fiber insert ? GRAFOIL® Grade GTB. The Max Operating Pressure is rated for ASME class 150 or class 300 flanges.

Order this product through the following link:

http://www.lookpolymers.com/polymer_GrafTech-GRAFOIL-GHW-Standard-Fluid-Sealing-Laminate-Non-Metal-Reinforced.php

Physical Properties	Metric	English	Comments
Bulk Density	1.12 g/cc	0.0405 lb/in ³	Standard; Graphite
Thickness	1570 microns	61.8 mil	Standard
	3100 microns	122 mil	Standard

Mechanical Properties	Metric	English	Comments
Compression Set	85 %	85 %	after 5000 psi load
	@Pressure 34.5 MPa	@Pressure 5000 psi	

Descriptive Properties	Value	Comments
"m" Factor	2	ASME Gasket Factor
"y" Stress (psi)	900	ASME Gasket Factor
Compressibility (%)	40	at 5000 psi load
Max Gasket Unit Load (psi)	24000	ASME Gasket Factor

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China