

## GrafTech GRAFOILÂ® GHN Standard Fluid Sealing Laminate, Non-Metal Reinforced

Category : Carbon , Graphite

### Material Notes:

GRAFOILÂ® Grade GHN is an unbranded laminate made with GRAFOILÂ® Grade TG-337 flexible graphite, thermally bonded to both faces of a plastic insert. It is not certified to any industry standards. It is similar to Grade GHP, but with low-cost natural graphite. Grade GHN provides excellent long term sealing, good load retention, and easy removal of frequently rebuilt flanges. Surface identifiable, the laminate is branded with the GRAFOILÂ® grade and source guarantee. Its applications include: general gasket service; blind flange gaskets; replacements for current compressed sheets and beater-addition-type sheets; and other non-asbestos gasketing materials. While maintaining an effective seal, GRAFOILÂ® material exhibits virtually no creep relaxation. As a result, the need for periodic bolt tightening is greatly reduced. Laminate Construction: GRAFOILÂ® Grade TG-337 ? 0.0015" thick plastic ? GRAFOILÂ® Grade TG-337

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_GrafTech-GRAFOIL-GHN-Standard-Fluid-Sealing-Laminate-Non-Metal-Reinforced.php](http://www.lookpolymers.com/polymer_GrafTech-GRAFOIL-GHN-Standard-Fluid-Sealing-Laminate-Non-Metal-Reinforced.php)

Physical Properties	Metric	English	Comments
Bulk Density	1.00 g/cc	0.0361 lb/inÂ³	Standard; Graphite
Thickness	760 microns	29.9 mil	Standard; Laminate
	1520 microns	59.8 mil	Standard; Laminate

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	3.10 MPa	450 psi	
Compression Set	89 %	89 %	after 5000 psi load
	@Pressure 34.5 MPa	@Pressure 5000 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	400 Â°C	752 Â°F	
Minimum Service Temperature, Air	-240 Â°C	-400 Â°F	

Descriptive Properties	Value	Comments
"m" Factor	2	ASME Gasket Factor
"y" Stress (psi)	900	ASME Gasket Factor
Compressibility (%)	50	at 5000 psi load
Max Gasket Unit Load (psi)	24000	ASME Gasket Factor

## **Contact Songhan Plastic Technology Co.,Ltd.**

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