

GrafTech GRAFOILÂ® GHJ Non-Standard Internal Combustion Grade GHJ Laminate, Metal Reinforced

Category : Carbon , Graphite

Material Notes:

GRAFOILÂ® Grade GHJ is a laminate made with GRAFOILÂ® Grade GTC flexible graphite mechanically attached to a perforated, low-carbon steel core. Its applications include: exhaust manifold gaskets, exhaust sealing, gasoline/diesel head gaskets, EGR valve sealing, and turbo charger gaskets. It can be certified to meet Ford material spec ESEM8 G201-A. 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 GTC 0.0066" thick (prior to tanging) - Low-Carbon Steel Grade 1008 or 1010 (130 tangs per square inch) - GRAFOILÂ® Grade GTC

Order this product through the following link:

http://www.lookpolymers.com/polymer_GrafTech-GRAFOIL-GHJ-Non-Standard-Internal-Combustion-Grade-GHJ-Laminate-Metal-Reinforced.php

Physical Properties	Metric	English	Comments
Bulk Density	1.12 g/cc	0.0405 lb/in ³	Standard; Graphite
Thickness	1170 microns	46.1 mil	Standard; Laminate
	1420 microns	55.9 mil	Standard; Laminate
	1680 microns	66.1 mil	Standard; Laminate

Mechanical Properties	Metric	English	Comments
Compression Set	80 %	80 %	Air Aging (22 hours at 535Â°C)
	80 %	80 %	after 5000 psi load
	@Pressure 34.5 MPa	@Pressure 5000 psi	

Descriptive Properties	Value	Comments
Compressibility (%)	26	at 5000 psi load
	30	Air Aging (22 hours at 535Â°C)

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