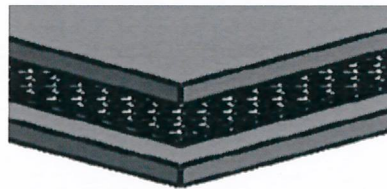


PRODUCT DATA SHEET	PDS-257	REV. -
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TITLE: Thermafoil® Grade LHEE (TF-LHEE)

INFORMATION ON THIS PRODUCT DATA SHEET IS TYPICAL, SUBJECT TO CHANGE WITHOUT NOTICE AND DOES NOT CONSTITUTE A SPECIFICATION OR PRODUCT WARRANTY.

Thermafoil® Grade LHEE is a laminated gasket material comprised of two layers of high purity TF-BE grade flexible graphite and a single layer of stainless steel perforated or “tanged” foil. The graphite foil is mechanically bonded to both sides of the perforated stainless steel foil core to create a strong, chemically resistant, high-temperature gasketing material. This type of material is ideal for most automotive and industrial fluid sealing applications and is capable of sealing a wide variety of fluids over a large temperature range. This material is not recommended for soft flange surfaces (aluminum, bronze, etc.) The perforated stainless steel inner layer penetrates the adjacent layers of graphite foil to increase blowout resistance and improve handling and durability. This material is supplied in laminated sheets.



GRAPHITE BASE CHARACTERISTIC	TYPICAL VALUE
Density	70 lb/ft ³ (1.1 g/cm ³)
Ash Content	1%
Carbon Content	99%
Sulfur Content	900 ppm
Compressibility	42%
Recovery	14%
Contains Oxidation/Corrosion Inhibitor	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Temperature Use Range (in air)	-400°F to 850°F and (-240°C to 450°C)
Shelf Life	Unlimited
Laminate Width	39.4" & 60" +/- .196" (1000 mm & 1524 mm +/- 5 mm)
Laminate Length	39.4" & 60" +/- .196" (1000 mm & 1524 mm +/- 5 mm)
Foil Insert Material	300 Series Stainless Steel
Foil Insert Thickness	.004" (0.05 mm)
Foil Insert Finish	Perforated/Tanged
Adhesive Thickness	None



EGC Enterprises, Inc.

140 Parker Court
Chardon, Ohio 44024
Phone: (440) 285-5835

PRODUCT DATA SHEET

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Revision/Description/Date/Initial:

- Release 2/13/20 BP

Related Procedures/Standards (for EGC only):

12524-P-54000 SERIES Flexible Graphite
SQR-261

2/13/2020

Department Manager Approval

Date