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PRODUCT DATA SHEET

PDS-130

TITLE Thermafoil® Grade TF-LHR

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

Description: Thermafoil® TF-LHR is a laminate sheet material made with 2 layers of Thermafoil Grade B (TF-B) flexible Graphite of 70 lb/ft³ nominal density, bonded to each side of a single layer of 316 grade stainless steel foil of .002" thickness, using a carbon based thermally activated adhesive. The stainless steel foil inner layer provides tensile strength for improved handling and durability of the sheet, and gasket products cut from the sheet.

Specifications:


Graphite base properties	
Carbon	98.0% Minimum
Ash	2.0% Maximum
Leachable Chlorides	< 50ppm
Density	
Variation	70 #/cu.ft Nominal ± 10 % of Nominal
Compressibility	40% Typical
Recovery	15% Typical
Tensile Strength	3800 psi Typical
Creep/Relaxation	< 5% Typical

Availability:

Thickness	.012" - .125" (<i>Thicker laminates are available upon request</i>)
Variation	± 10 % of Nominal
Laminate Size	24" x 24" up to 24" x 60" (<i>Larger sizes are available upon request with the substitution of pressure sensitive adhesive instead of thermally activated adhesive.</i>)

Revisions/Description/Date/Initial:

-	Release	1/29/12	DG
A	Revised description		JB
B	Density variance		JK

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 Department Manager Approval Date 9/25/13