



# EGC Enterprises, Inc.

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## PRODUCT DATA SHEET

PDS-137

TITLE Thermafoil® Grade TF-LB

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

### Description:

Gasket grade industrial, cured, adhesive bonded, homogeneous laminate; made from Thermafoil® Grade B. It is heat treated to carbonize and degas the adhesive. This material will seal a wide variety of liquids and gases over a large temperature range.


### Material Properties:

CHARACTERISTIC	TYPICAL VALUE
Carbon content	≥ 98%
Ash Content	≤ 2%
Leachable Chlorides	≤ 50ppm
Sulfur Content	< 550ppm
Density Tolerance	± 10%
Compressibility*	43% typical for 70 lb/ft³
Recovery*	>14%
Creep Relaxation*	< 4%
Oxidation weight loss	3%
Tensile Strength	650 psi typical for 70 lb/ft³
Temperature Use Range	-400°F to 975°F (-240°C to 525°C)
Sealability	<1.5ml/min

\* Depends on material density (Data shown based on 70lbs/cu. ft density)

### AVAILABILITY

<b>Density</b>	50 lb. / ft³ Nominal
	70 lb. / ft³ Nominal
	90 lb. / ft³ Nominal
Variation	± 10% of Nominal
<b>Thickness</b>	.005" - .125" Nominal
	Variation
<b>Width</b>	Up to 39.4"
<b>Length</b>	Up to 60"


10/22/13  
 Department Manager Approval Date