



# EGC Enterprises, Inc.

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## PRODUCT DATA SHEET

PDS-179

TITLE Thermafoil® TF-LTH-K

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-LTH-K as an adhesive-backed sheet or tape made with Thermafoil® Grade K flexible graphite with a nominal density of 70 lb/ft.<sup>3</sup>, adhesively bonded to a .005" polyester carrier with a .0012" thick acrylic pressure sensitive adhesive face. The adhesive face is protected with a 74# silicone treated release paper. Thermafoil® TF-LTH-K contains a non-metallic, inorganic, passive inhibitor for corrosion and oxidation resistance. Tape applications include: threaded joints, forming place gaskets, and large diameter flanges.

### Specifications:

#### Thermafoil® Grade K Typical Properties:

<u>Property:</u>	<u>Typical Value:</u>	<u>Metric:</u>	<u>Test Method:</u>
Bulk Density	50-90#/ ft <sup>3</sup> Avail.	.8 – 1.3g/cm <sup>3</sup>	ASTM C559
Thickness	.005", .010", .015", .030	.26mm-1.65mm	Calipers/micrometer
Carbon Content	98% Min.		(1-ASTM C561)
Ash	2% Max.		ASTM C561
Leachable Chlorides	.50 ppm		ASTM F1277
Sulfur	< 550 ppm Typical		Leco Combustion
Phosphorus	1500 ppm		Colorimetric Determination

### Related Product Data Sheets:

PDS-115 Thermafoil® Grade TF-K flexible graphite

  
Department Manager Approval

4/15/13  
Date