



**EGC Enterprises, Inc.**

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**PRODUCT DATA SHEET**

**PDS-124**

TITLE Thermafoil® Grade TF-LHE

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

**Description:** Laminate material made with Thermafoil® Grade B flexible graphite, with 70 lb/ft<sup>3</sup> nominal density, mechanically bonded to both faces of .004" or .005" thick, 316 stainless steel tang metal insert. Thermafoil® Grade TF-LHE meets most industrial fluid sealing service requirements.

**Specifications:**

**Composition**

|                     |                |
|---------------------|----------------|
| Carbon              | 98.0% Minimum  |
| Ash                 | 2% Maximum     |
| Leachable Chlorides | 50 ppm Minimum |

**Compressibility**

20-30%

**Recovery**

30-50%

**Creep/Relaxation**

< 5%

**Gasket Unit Load**

24000 psi Maximum

**Temperature**

Oxidizing Environment (-400°F to 975°F)  
Non-oxidizing Environment (Up to 1800°F)

**Availability:**

**Density**

|           |                                  |
|-----------|----------------------------------|
|           | 70 lb. / ft <sup>3</sup> Nominal |
| Variation | ± 10% of Nominal                 |

**Thickness**

|           |                             |
|-----------|-----------------------------|
|           | 1/32", 1/16", 1/8" (Sheets) |
|           | 1/32", 1/16" (Rolls)        |
| Variation | ± 10% of Nominal            |

**Width x Length**

24" x 24"  
39.4" x 39.4"  
60" x 60"  
up to 500' Roll length

Department Manager Approval

3/20/13  
Date