



**EGC Enterprises, Inc.**

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**PRODUCT DATA SHEET**

**PDS-193**

TITLE Thermafoil® Grade TF-LHE-S

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 starburst pattern tang metal insert. Thermafoil® Grade TF-LHE-S 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> & 90lb. / 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

3/19/13  
Date