



**EGC Enterprises, Inc.**

140 Parker Court  
Chardon, Ohio 44024  
Phone: (440) 285-5835

**PRODUCT DATA SHEET**

**PDS-139**

TITLE Thermafoil® Grade TF-OS

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

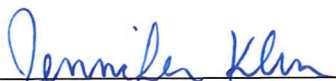
**Description:** Thermafoil® Grade TF-OS flexible graphite material is industrial monolithic Thermafoil® Grade TF-B flexible graphite sheet with a high sulfur content.

**Specifications:**

<b>Composition</b>	
Carbon	95.0% Minimum
Ash	5.0% Maximum
<b>Compressibility</b>	40% Typical
<b>Recovery</b>	10% Typical
<b>Tensile Strength</b>	652 psi Typical
<b>Creep/Relaxation</b>	5% Typical
<b>Typical Thermal Conductivity</b>	
Along Length and Width	140 W/m °C
Through Thickness	5 W/m °C
<b>Sulphur Content</b>	1300 PPM
<b>Chlorine Content</b>	35 PPM

**Availability:**

<b>Density</b>	50 lb. / ft <sup>3</sup> Nominal 70 lb. / ft <sup>3</sup> Nominal 90 lb. / ft <sup>3</sup> Nominal
Variation	± 10% of Nominal
<b>Thickness</b>	.005" - .065" Nominal
Variation	± .002 of Nominal
<b>Width</b>	Up to 39.4"
<b>Length</b>	Up to 300'

 3/20/13  
 Department Manager Approval Date