



EGC Enterprises, Inc.

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PRODUCT DATA SHEET

PDS-122

TITLE Thermafoil® TF-X

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-X is an oxidation resistant flexible graphite material which contains an oxidation and corrosion inhibitor that is both inorganic and non-metallic. This allows a continuous maximum use temperature of 1000°F (538°C) in oxidizing environments. Thermafoil® TF-X can be used in most fluid sealing and industrial applications

Specifications:

Composition

Leachable Chlorides 10ppm Typical
Sulfur content 100ppm Typical

Compressibility 43% Typical for 70 lb/ft³

Recovery 15% Typical for 70 lb/ft

Tensile Strength 650 psi Typical for 70 lb/ft³

Creep Relaxation <5% Typical for 70 lb/ft³

Oxidation Weight Loss 3.5% Typical

Seal ability 0.5 ml/hr Typical for 70 lb/ft³

Availability:

Bulk Density 70 lb/ft (1.12g/cc)+/- 10% Standard

Thickness 0.015" (0.38mm) Standard
0.020" (0.51mm) Standard
0.040" (1.02mm) Standard

Width Up to 39.4" (1000 mm) Standard

Length 100' (30.5 m) Standard


Department Manager Approval

3/20/13
Date