



EGC Enterprises, Inc.

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PRODUCT DATA SHEET

PDS-129

TITLE Thermafoil® Grade TF-LHR-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 grade TF-LHR-X is a laminated gasket material made from corrosion/oxidation resistant flexible graphite and a single stainless steel foil layer. The material offers enhanced oxidation resistance and is manufactured to meet the specifications of modern automotive exhaust systems and high temperature industrial applications.

Specifications:

Graphite Base Properties

CHARACTERISTIC	VALUE	TEST METHOD
Ash Content	6.5% Maximum	ASTM C-561
Carbon Content	93.5% Minimum	100% - Ash %
Leachable Chloride	50 ppm Maximum	ASTM F-1277
Oxidation Weight loss	3% typical	FSA-G-604-07
Compressibility At 5000 psi (35 MPa) load	35% minimum	ASTM F-36
Recovery After 5000 psi (35 MPa) load	10% Minimum Density Dependent	ASTM F-36
Tensile Strength	500 psi Minimum	ASTM F-152

Stainless Steel Thickness .002"

SAE Stainless Steel Alloy 316

Availability:

Density 70 #/cu.ft Nominal
± 5 % of Nominal

Thickness .012" - .122" Available
Tolerance ± .002"-.008" (thickness dependant)

Laminate Size 24" x 24" up to 24" x 60"


Department Manager Approval


Date