



EGC Enterprises, Inc.

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PRODUCT DATA SHEET

PDS-152

TITLE TF-LX

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-LX is a cured, adhesive bonded homogenous laminate with an inorganic, nonmetallic, passive corrosion and oxidation inhibitor that allows a maximum continuous 1000° (538°C) in oxidizing environments. Thermafoil® TF-LX is impermeable to fluids, chemically resistant to most media and maintains its superior sealability over a wide temperature range. Thermafoil® TF-LX is specialized for use in automotive exhaust and industrial sealing applications requiring a high degree of corrosion and oxidation resistance. Meets continuous use temperature of the proposed CAPI spec.

Specifications:

Composition:

Ash Content	%	≤ 2	(DIN 51903)
Chloride Content	ppm	≤ 50	(DIN 28090-2)
Carbon Content	min.	98.5%	
Sulfur Content	typical	100ppm	
Oxidation Weight Loss	typical	3.5%	

Compressibility:	typical for 70lb/ft ³	43%	(ASTM F364-66)
Recovery	typical for 70lb/ft ³	15%	(ASTM F36A-66)
Creep Relaxation	typical for 70lb/ft ³	<5%	
Tensile Strength	typical for 70lb/ft ³	650psi	
Sealability	typical for 70lb/ft ³	0.5ml/hr	
Certification	Certify to grade		

Availability:

Density	70#/cu.ft Nominal±10%
Thickness	Standard thickness .020-.040
Width	Up to 39.4"
Length	Up to 100' for rolled material

TF-LX is available with a normal density of 44-90lb/ft³, Material thickness available for use is .015-.060" with a tolerance of ±.002".

Jennifer Klum
Department Manager Approval

3/19/13
Date