



EGC Enterprises, Inc.

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PRODUCT DATA SHEET

PDS-177

TITLE Thermafoil TF - LHQ

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/ft³ nominal density, bonded to .005" thick flat aluminum insert with a carbon based thermally activated adhesive.

Specifications:

Graphite base properties

Carbon	98.0% Minimum
Ash	2.0% Maximum
Leachable Chlorides	< 50ppm

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

Compressibility 40% Typical

Recovery 15% Typical

Tensile Strength 3800 psi Typical

Creep/Relaxation < 5% Typical

Availability:

Thickness	.015" - .125" (<i>thicker laminates are available upon request</i>)
Variation	± 10% of Nominal

Laminate Size	24" x 24" up to 24" x 60" (<i>Larger sizes are available upon request with the substitution of pressure sensitive adhesive instead of thermally activated adhesive.</i>)
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Jennifer Klm
Department Manager Approval

3/19/13
Date