



EGC Enterprises, Inc.

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PRODUCT DATA SHEET

PDS-128

TITLE Thermafoil® Grade TF-LHW

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 a .003" to .004" thick, woven fiberglass cloth insert with a carbon based thermally activated adhesive. Thermafoil® Grade TF-LHW provides excellent blowout resistance along with excellent strength and handling characteristics. Thermafoil® Grade TF-LHW meets refinery, petrochemical and industrial fluid sealing service requirements.

Specifications:

Graphite base properties

Carbon	98.0% Minimum
Ash	2% Maximum
Leachable Chlorides	50 ppm Minimum

Compressibility 20-30%

Recovery 30-50%

Creep/Relaxation < 5%

Gasket Unit Load 24000 psi Maximum

Temperature Oxidizing Environment (-400°F to 600°F)
Non-oxidizing Environment (Up to 1800°F)

Availability:

Density	70 lb. / ft ³ Nominal
Variation	± 10% of Nominal

Thickness 1/32", 1/16", 1/8" (Sheets)

Variation ± 10% of Nominal

Width x Length 24" x 24" up to 24" x 60"

Jennifer Klein
Department Manager Approval

3/20/13
Date