



EGC Enterprises, Inc.

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PRODUCT DATA SHEET

PDS-156

TITLE Thermafoil® Grade TF-LHJ

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 C flexible graphite mechanically attached to a perforated, low-carbon steel core.

Specifications:

Thickness of Laminate

- .046" (1.17mm) standard
- .056" (1.42mm) standard
- .066" (1.68mm) standard
- Non-standard thickness may be available upon request.

Width 24" (610mm) standard **Length** 39.4" (1000mm) standard
 Non-standard widths and lengths may be available upon request.

Bulk Density (Graphite) 70lb/ft³ (1.12g/cc) standard Non-standard densities may be available upon request.

Compressibility 26% Typical **Recovery** 20% Typical
 At 5000 psi (35 MPa) load After 5000 psi (35 MPa) load

Creep/Relaxation < 3% Typical for 70lb/ft³ **Air Aging**, 22 hours at 535°C
 Method: BSI-F125 Weight loss 5% Typical
 At 6391 psi (44.1 MPa) load Compressibility 30% Typical
 Up to 400°C Recovery 20% Typical

Certification

Certify to Grade - Can be certified to meet Ford material spec - ESEM8 G201-A

Availability:

Density	70 lb. / ft ³ Nominal	± 10% of Nominal	
	Thickness		Width x Length
Sheets	1/32", 1/16", 1/8"	± 10% of Nominal	24" x 24" 39.4" x 39.4" 60" x 60"
Rolls	1/32", 1/16"	± 10% of Nominal	up to 500' Roll length

Revisions/Description/Date/Initial

- Initial release 6/18/09 RV
- A Changed material used to Thermafoil® grade C 12/22/11 DG


 Department Manager Approval 3/19/13
 Date