



EGC Enterprises, Inc.

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PRODUCT DATA SHEET

PDS-116

TITLE Thermabraid® Style 6000

INFORMATION ON THIS PRODUCT DATA SHEET IS TYPICAL, SUBJECT TO CHANGE WITHOUT NOTICE AND DOES NOT CONSTITUTE A SPECIFICATION OR PRODUCT WARRANTY.

Description: Thermabraid® Style 6000 is a braided packing material consisting of flexible graphite base with passive corrosion inhibitor, reinforced fiberglass yarn, and Inconel® 600 anti-extrusion corners. This material is suitable for all types of high-pressure valves.

SPECIFICATIONS:

Graphite base properties:

Bulk Density	60 #/ft ³
Carbon Content	99% minimum
Leachable Chloride	50 ppm maximum
Sulfur	630 ppm maximum
Phosphorous	500 ppm minimum

General Thermabraid® properties:

Chemical level	1-14 pH
Temperature range	-400°F (-204°C) including oxygen 1200°F (649°C) steam 850°F (454°C) oxidizing atmosphere 6000°F (3300°C) non-oxidizing atmosphere Non-wetting to molten metals

<i>(INCH)</i>			<i>(METRIC)</i>		
Part #	Size (inch)	ft/lb	Part #	Size (mm)	m/kg
6004TB	¼	32.7	6006mmTB	6	22.0
6005TB	5/16	19	6008mmTB	8	12.5
6006TB	3/8	12	6010mmTB	12	8
6007TB	7/16	11	6011mmTB	11	7
6008TB	½	7	6013mmTB	13	4.5
6009TB	9/16	6	6014mmTB	14	4
6010TB	5/8	5.5	6016mmTB	16	3.6

sizes below ¼" (6 mm) are not available
Length and weights are only an approximation and should be viewed accordingly.

Jennifer Klem 3/26/13
 Department Manager Approval Date