

Thomson MULTIPAC™ 6500

Inorganic Fiber / Nitrile Binder



FEATURES/BENEFITS

- Superior thermal resistance.
- Excellent bolt torque retention.
- Very good Anti-stick properties.
- Pliable and easy to cut.
- Passes DVGW VP-401 Fire Safe test.

TYPICAL APPLICATIONS

- Saturated steam, hot water, oils, gasoline and refrigerants.
- Pulp and Paper, Marine, Mining, Wastewater, and Petroleum industries.

“M & Y” FACTORS

Thickness		“m”	“y”
in	mm	(no units)	psi
1/16	1.6	1.2	3626
1/8	3.2	1.5	4351

SPECIFICATIONS

Construction:

Inorganic Fiber / Nitrile Binder

Temperature:

Minimum: -100°F (-75°C)

Intermittent: +825°F (+440°C)

Continuous: +600°F (+315°C)

Tensile Strength: 1850 psi

Pressure, max: 1700 psi

Color: Grey with Black branding

Certifications:

DVGW VP-401 Fire Safe

See reverse for technical data.

TECHNICAL DATA - MULTIPAC™ 6500

Physical Properties ¹			
TEST METHOD	TYPICAL PHYSICAL PROPERTIES		
ASTM F36	Compressibility: range, %	10	
ASTM F36	Recovery: %	60	
DIN 28090-2	Creep relaxation: %	4.1	
ASTM F152	Tensile across grain: psi	1850	
ASTM F433	Density: lbs/ft ³	106	
ASTM F586	Design factors:	1/16"	1/8"
	"m" factor	1.2	1.5
	"y" factor, psi	3626	4351
Immersion Properties* - ASTM F146 Fluid Resistance After Five Hours			
	ASTM 1 OIL 300°F (150°C)	IRM 903 OIL 300°F (150°C)	ASTM FUEL B 70–85°F (20–30°C)
Thickness increase: %	0–15	5	6
Sealing Characteristics			
	DIN 3535-6 NITROGEN		
Leakage: mg/(s-m)	.05		

NOTES

ASTM properties based on 5/64" (2 mm) sheet thickness, except as noted. This is a general guide and should not be the sole means of selecting or rejecting this material. The data listed here falls within the normal range of product properties but should not be used to establish specification limits nor used alone as the basis of design.

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