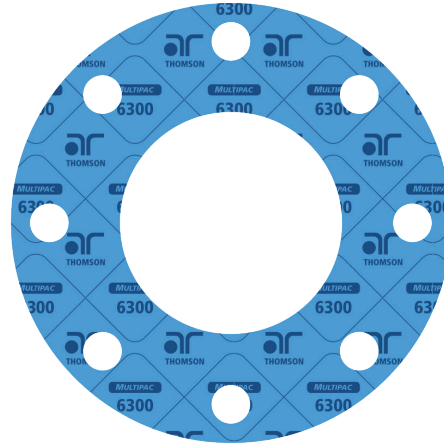


Thomson MULTIPAC™ 6300

Aramid Fibers / Neoprene Binder



FEATURES / BENEFITS

- Premium compressed sheet for applications requiring Neoprene binder.
- Excellent resistance to ozone, oils and refrigerants.
- Good torque retention and sealability.
- Excellent flexibility and cutability.
- Good anti-stick properties.

TYPICAL APPLICATIONS

- Power plants, Mining, Ore-Processing.
- Refrigerants, oils, ozone, fuels.

SPECIFICATIONS

Construction: Aramid Fibers / Neoprene Binder

Temperatures:

Minimum: -100°F (-73°C)

Intermittent: +700°F (+371°C)

Continuous: +548°F (+287°C)

Tensile Strength: 1500 psi

Pressure, max: 1450 psi (100 bar)

Color: Blue with Dark Blue branding.

See reverse for more technical data.

TECHNICAL DATA - MULTIPAC™ 6300

Physical Properties ¹			
TEST METHOD	TYPICAL PHYSICAL PROPERTIES		
ASTM F36	Compressibility: range, %	8–16	
ASTM F36	Recovery: %	45	
ASTM F38	Creep relaxation: %	20	
ASTM F152	Tensile across grain: psi	1500	
ASTM F433	Density: lbs/ft ³ (grams/cm ³)	106 (1.7)	
ASTM F586	Design factors:	1/16"	
	"m" factor	3.1	
	"y" factor, psi	3127	
Immersion Properties* - ASTM F146 Fluid Resistance After Five Hours			
	ASTM IRM #903 300°F (150°C)	ASTM FUEL B 70–85°F (20–30°C)	
Thickness increase: %	10–15	5–20	
Weight increase: %	20	20	
Sealing Characteristics			
	ASTM F37 FUEL A	ASTM F37 NITROGEN	ASTM F2378
Leakage:	.03 ml/hr	.7 ml/hr	.05 cc/min

NOTES

This is a general guide and should not be the sole means of selecting or rejecting this material. Based on ANSI RF flanges at our preferred torque - when approaching maximum pressure, continuous operating temperature, minimum temperature or 50% of maximum P_{xT}, consult A.R. Thomson Group. Minimum temperature rating is conservative. *Values do not constitute specification limits.

¹ All data is based on 1/16" sheet except F38 which is based on 1/32" sheet thickness. For data on other sizes, please consult A.R. Thomson Group.

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