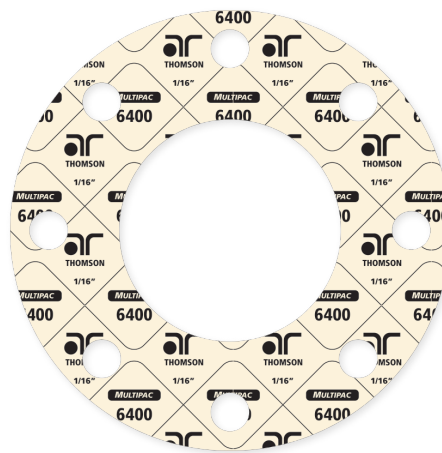


Thomson MULTIPAC™ 6400

Aramid Fibers / SBR Binder



FEATURES/BENEFITS

- High quality material with excellent sealability.
- Suitable for inert gases.
- Ideal for colour-sensitive applications or where a white gasket is preferred.
- Very good mechanical properties making it easy to cut.
- Very good Anti-stick properties.

TYPICAL APPLICATIONS

- General service 'white' sheet material for Inert Gases, Food and Beverage, Saturated Steam, Water, Alcohols, Dilute Acids, and applications where a white gasket is preferred.

"M & Y" FACTORS

Thickness		"m"	"y"
in	mm	(no units)	psi
1/16	1.6	2.7	2359
1/8	3.2	4.2	2931

SPECIFICATIONS

Construction: Aramid Fibers / SBR Binder

Temperature:

Minimum: -100°F (-75°C)

Intermittent: +700°F (+370°C)

Continuous: +400°F (+205°C)

Tensile Strength: 1800 psi

Pressure, max: 1500 psi (103 bar)

Color: Off-White with Black branding

See reverse for more technical data.

TECHNICAL DATA - MULTIPAC™ 6400

Physical Properties ¹		
TEST METHOD	TYPICAL PHYSICAL PROPERTIES	
ASTM F36	Compressibility: range, %	8–16
ASTM F36	Recovery: %	45
DIN 28090-2	Creep relaxation: %	20
ASTM F152	Tensile across grain: psi	1800
ASTM F433	Density: lbs/ft ³	106
ASTM F586	Design factors:	1/16" 1/8"
	"m" factor	2.7 4.2
	"y" factor, psi (N/mm ²)	2359 (16.3) 2931 (20.2)

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: %	30	5–10
Weight increase: %	30	30 max

Sealing Characteristics	
	ASTM 2378 NITROGEN
Leakage: mil/min	.03

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×T, consult A.R. Thomson Group. Minimum temperature rating is conservative.

* Values do not constitute specification limits.

¹ All data is based on material thickness of 2mm. For data on other sizes, please consult A.R. Thomson Group.

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