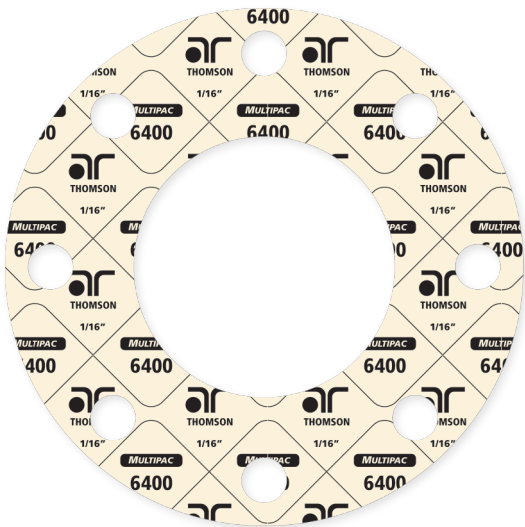




A.R. THOMSON GROUP INC.

Thomson MULTIPAC™ 6400



Aramid-Inorganic Fibers / SBR.

FEATURES / BENEFITS

- High quality material with excellent seal-ability.
- 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.
- Excellent 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.

SPECIFICATIONS

Construction:

Aramid-Inorganic
Fibers / SBR Binder

Max Pressure:

1500 psi (103 bar)

Colour:

Off-White w/ black branding.

pH Range @ room

Temperature: 3 - 11 pH

Temperatures:

Minimum: -100°F (-75°C)

Intermittent: +700°F (+371°C)

Continuous: +400°F (+204°C)

* See reverse for technical data.

TECHNICAL DATA - MULTIPAC™ 6400

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 (psi / MPa)	Tensile across grain: psi / MPa	1800 (12.4)
ASTM F433	Density: lbs/ft ³ (g/cc)	106 (1.7)
ASTM F586	Design factors:	1/16" 1/8"
	“m” factor	3.0 4.0
	“y” factor, psi (N/mm ²)	2600 4445
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: %	15-30	5–20
Weight increase: %	30	30
Sealing Characteristics		
	ASTM 2378 NITROGEN	
Leakage: cc/min	.05	

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 Inc. 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 Inc.

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