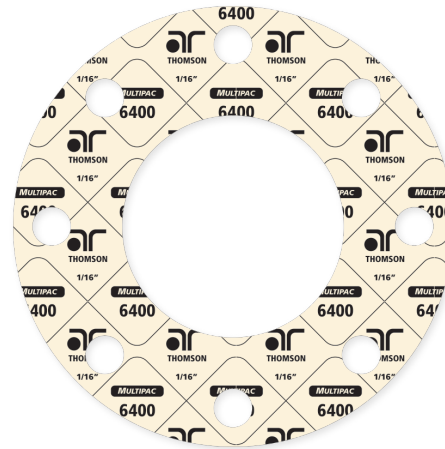


Thomson MULTIPAC™ 6400

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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