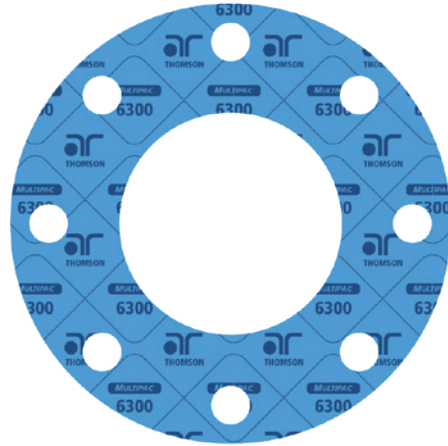


Thomson MULTIPAC™ 6300

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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