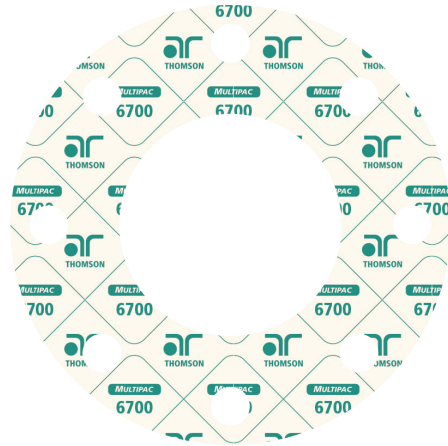


Thomson MULTIPAC™ 6700

Aramid Fibers / EPDM Binder



FEATURES / BENEFITS

- Premium compressed sheet with good tensile strength for applications where an EPDM binder is specified.
- Good flexibility/cut-ability.
- Excellent resistance to ozone, weathering and aging.

TYPICAL APPLICATIONS

- Pulp and Paper, Chemical, Mining and Municipal.
- Hot water, brake fluid, saturated steam, dilute caustics, ozone, ketones and phosphate esters.

SPECIFICATIONS

Construction: Aramid Fibers / EPDM Binder

Temperatures:

Minimum: -100°F (-73°C)

Intermittent: +700°F (+371°C)

Continuous: +400°F (+205°C)

Pressure, max: 1450 psi (100 bar)

Tensile Strength: 2000 psi

Color: Off-White with Emerald branding.

See reverse for more technical data.

TECHNICAL DATA - MULTIPAC™ 6700

| Physical Properties ¹ | | |
|----------------------------------|--|--------------|
| TEST METHOD | TYPICAL PHYSICAL PROPERTIES | |
| ASTM F36 | Compressibility: range, % | 7–17 |
| ASTM F36 | Recovery: % | 50 |
| ASTM F38 | Creep relaxation: % | 25 |
| ASTM F152 | Tensile across grain: psi | 2000 |
| ASTM F433 | Density: lbs/ft ³ (grams/cm ³) | 75 (1.2) |
| ASTM F586 | Design factors: | 1/16" |
| | "m" factor | 2.75 |
| | "y" factor, psi | 3700 |

| 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: % | - | 15 |

| Sealing Characteristics | |
|-------------------------|--------------------|
| | ASTM F37 FUEL A |
| Leakage: ml/hr | .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_{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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