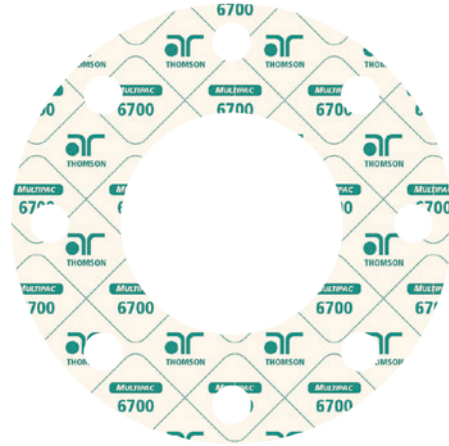


# Thomson MULTIPAC™ 6700

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<sup>1</sup>

TEST METHOD	TYPICAL PHYSICAL PROPERTIES	
ASTM F36	<b>Compressibility:</b> range, %	7–17
ASTM F36	<b>Recovery:</b> %	50
ASTM F38	<b>Creep relaxation:</b> %	25
ASTM F152	<b>Tensile across grain:</b> psi	2000
ASTM F433	<b>Density:</b> lbs/ft <sup>3</sup> (grams/cm <sup>3</sup> )	75 (1.2)
ASTM F586	<b>Design factors:</b>	<b>1/16"</b>
	"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)
<b>Thickness increase:</b> %	15–30	5–20
<b>Weight increase:</b> %	-	15

### Sealing Characteristics

	ASTM F37 FUEL A
<b>Leakage:</b> 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<sub>xT</sub>, consult A.R. Thomson Group. Minimum temperature rating is conservative.

\*Values do not constitute specification limits.

<sup>1</sup> 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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