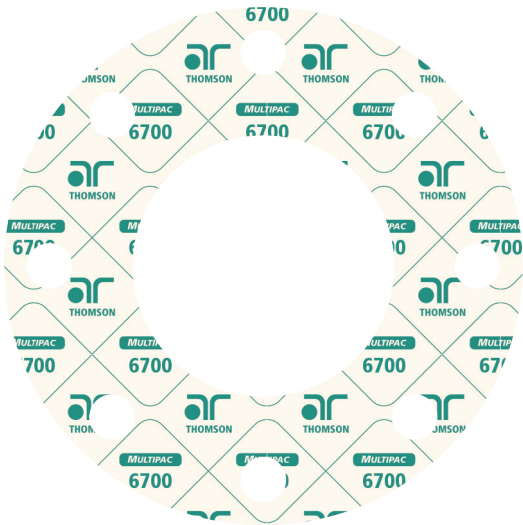




A.R. THOMSON GROUP INC.

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.

"M & Y" FACTORS

Thickness		"m"	"y"
in	mm	(no units)	psi
1/16	1.6	1.5	2416
1/8	3.2	1.5	3576

SPECIFICATIONS

Construction:

Aramid Fibers /
EPDM Binder

Colour:

Off-White w/
Emerald branding.

Temperatures:

Minimum: -100°F (-75°C)
Intermittent: +700°F (+371°C)
Continuous: +400°F (+204°C)

Max Pressure:

1450 psi (100 bar)

Tensile Strength:

2000 psi

* See reverse for 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×T, consult A.R. Thomson Group Inc. 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 Inc.

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