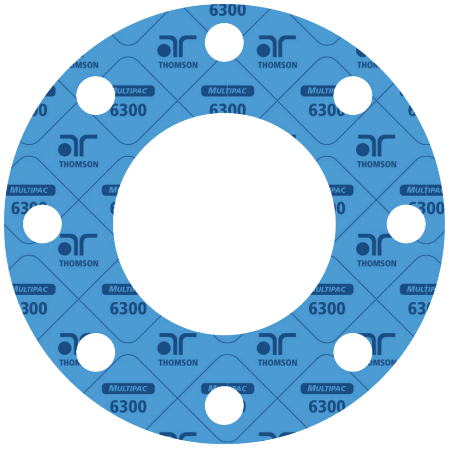
A.R. THOMSON GROUP

MP6300

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 PxT, 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.

AUTHORIZED DISTRIBUTOR

A.R. THOMSON GROUP

Locations across Canada to serve you. For your nearest branch, please visit **www.arthomson.com**