

Thomson MULTIPAC™ 6000



NSF-61 Certified Compressed Gasket Material.

FEATURES / BENEFITS

- NSF-61 Certified sheet gasket material.
- Very good seal-ability and mechanical properties.
- Excellent application versatility.
- Good dielectric strength.
- Exceptional handle ability and easy to cut.
- FDA compliant.

TYPICAL APPLICATIONS

- Municipal Waterworks.
- Potable water, steam, oil, mild alkalis and acids, hydrocarbons and solvents.
- Food and Beverage.
- Saturated steam and CIP.

“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/Inorganic Fiber with Nitrile Binder

Colour:
 White w/ blue branding.

Max Pressure:
 1200 psi (83 bar)

Tensile Strength:
 1600 psi

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

* See reverse for technical data.

TECHNICAL DATA - MULTIPAC™ 6000

Physical Properties

TEST METHOD	TYPICAL PHYSICAL PROPERTIES	
ASTM F36	Compressibility: range, %	9–19
ASTM F36	Recovery: %	40
ASTM F38	Creep relaxation: %	25
ASTM F147	Flexibility:	10x
ASTM D149	Dielectric breakdown: kV/mm (V/mil)	11 (280)
ASTM F152	Tensile strength: psi (MPa)	1600 (11)
ASTM F433	Density: lbs/ft ³ (grams/cm ³)	106 (1.7)
ASTM F586	Design factors:	1/16" 1/8"
	"m" factor	1.5 1.5
	"y" factor: psi (MPa)	2416 (16.7) 3576 (24.7)
ASTM F104	Line Call-Out:	F712120-A9B3E22K5L151M5

Immersion Properties - ASTM F146 Fluid Resistance After Five Hours

	IRM 903 OIL 300°F (149°C)	ASTM FUEL B 70°F (21°C)
Thickness increase: %	0–15	0–10
Weight increase: %	15	12

Sealing Characteristics

	ASTM F2378 NITROGEN
Leakage: cc/min	.05

NOTES

ASTM properties based on 1/16" sheet thickness except ASTM F38, which is based on 1/32" sheet thickness. This is a general guide and should not be the sole means of selecting or rejecting this material. The data listed here falls within the normal range of product properties but should not be used to establish specification limits nor used alone as the basis of design.

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