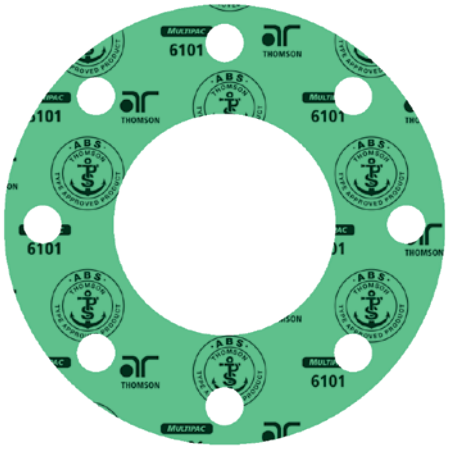
Thomson
MULTIPAC™ 6101

Aramid Fibers / Nitrile Binder



FEATURES / BENEFITS

- Premium General Service sheet material
- Good tensile strength and flexibility resulting in robust gasket with improved handleability.
- Improved formulation for superior sealability.
- Excellent versatility.
- Passes Fire Safe test DVGW VP-401. See Specifications for other certifications and approvals.

TYPICAL APPLICATIONS

- Marine, Shipbuilding, Mining, Wastewater, Pulp and Paper, and Petroleum industries.
- Water, saturated steam, aliphatic hydrocarbons, oils, gasoline and inert gases.

"M & Y" FACTORS

Thickness		"m"	"y"
in	mm	(no units)	psi
1/16	1.6	1.2	2900
1/8	3.2	1.5	4200

SPECIFICATIONS

Construction: Aramid Fibers / Nitrile Binder

Temperatures:
Minimum: -100°F (-75°C)
Intermittent: +700°F (+370°C)
Continuous: +500°F (+260°C)

Tensile Strength: 2030 psi

Pressure, max: 1450 psi (100 bar)

Color: Green with Black branding.

Certifications:
American Bureau of Shipping (ABS)
DVGW VP-401 Fire safe
DVGW 3535-6 Compliant for gas supply
Approved for TA-Luft

See reverse for technical data.

TECHNICAL DATA - MULTIPAC™ 6101

Physical Properties[1]

TEST METHOD	TYPICAL PHYSICAL PROPERTIES		
ASTM F36	**Compressibility:** average, %	11	
ASTM F36	**Recovery:** %	60	
DIN 28090-2	**Creep relaxation:** at room temp, %	4.7	
	at elevated temp, %	0.8	
ASTM F152	**Tensile across grain:** psi (MPa)	2030 (14)	
ASTM F433	**Density:** lbs/ft³ (grams/cm³)	106 (1.7)	
ASTM F586	**Design factors:**	**1/16"**	**1/8"**
	"m" factor	1.2	1.5
	"y" factor, psi	2900	4200

Immersion Properties* - ASTM F146 Fluid Resistance After Five Hours

	ASTM #1 OIL 300°F (150°C)	ASTM IRM #903 300°F (150°C)	ASTM FUEL B 70–85°F (20–30°C)
Thickness increase: %	0–5	2	5
Weight increase: %	0–10	-	20 max
Tensile loss: %	-	0–35	-

Sealing Characteristics

	DIN 3535-6 NITROGEN
Leakage: ml/min	.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 PxT, consult A.R. Thomson Group. Minimum temperature rating is conservative.

*Values do not constitute specification limits.

[1] All data is based on material thickness of 2mm. For data on other sizes, please consult A.R. Thomson Group.

AUTHORIZED DISTRIBUTOR

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