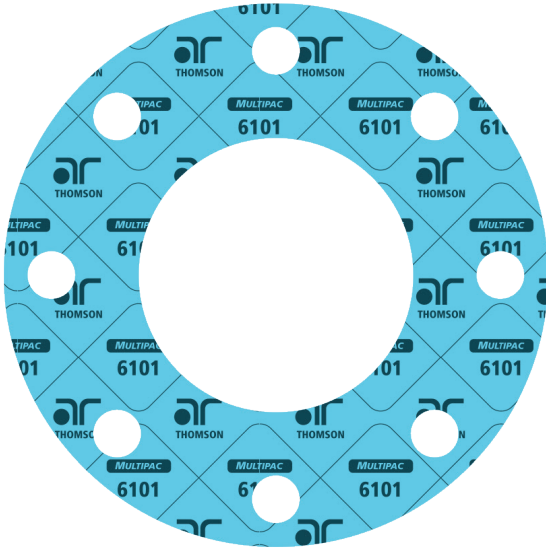




A.R. THOMSON GROUP INC.

Thomson **MULTIPAC™ 6101**



Aramid-Inorganic Fibers / Nitrile Binder.

FEATURES / BENEFITS

- Premium General Service sheet material
- Good tensile strength and flexibility resulting in robust gasket with improved handle ability.
- Improved formulation for superior seal-ability.
- Excellent versatility.
- Passes Fire Safe test DVGW DIN 30653.
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.
- General service applications.

SPECIFICATIONS

Construction:
Aramid-Inorganic Fiber /
Nitrile Binder

Colour:
Blue w/ black branding.

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

Max Pressure:
1450 psi (100 bar)

Certifications:
DVGW 3535-6 Compliant
for gas supply.
DVGW DIN 30653
Fire Testing.

** See reverse for technical data.*

TECHNICAL DATA - MULTIPAC™ 6101

Physical Properties ¹			
TEST METHOD	TYPICAL PHYSICAL PROPERTIES		
ASTM F36 J ASTM F36 J DIN 28090-2	Compressibility: average, %	11	
	Recovery: %	60	
	Creep relaxation: at room temp, %	4.7	
	at elevated temp, %	0.8	
ASTM F152	Tensile across grain: psi (MPa)	1740 (12)	
DIN 28090	Density: lbs/ft ³ (grams/cm ³)	106 (1.7)	
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: mg/(S*M)	0.02		

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_xT, 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 Inc.

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