

TLM-G

Laminates for Seals & Gaskets
Ideal for Harsh Environments
Excellent Mechanical Properties

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TACONIC

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APPLICATIONS

TLM-G is used primarily for seals and gaskets that are subjected to harsh environments.

The TLM-G mechanical product line consists of PTFE coated, medium weave glass fabrics, engineered for excellent mechanical properties.

TLM TYPICAL VALUES		
Property	Units	Value
Tensile Strength		
Warp	PSI (N/mm ²)	22,000 (52)
Fill		18,000 (24)
Flex Modulus		
Warp	PSI (N/mm ²)	490 (3.4)
Fill		530 (3.6)
Flex Strength		
Warp	PSI (N/mm ²)	15,000 (103)
Fill		12,000 (83)
Compressive Strength	PSI (N/mm ²)	24,000 (165)
Impact Strength		
Warp	Ft lbs/in (N/mm ²)	14 (2.6)
Fill		13 (2.3)
Elongation		
Maximum	%	0.05
Water Absorption	%	0.15
Density	g/cm ³	2.2
Rockwell (M) Hardness		30
Flammability		Non-flammable
Maximum Operating Temperature	°C	260°

Available Thicknesses	Taconic Part Number
15 mil (0.38 mm)	TLM-G-0150
17 mil (0.43 mm)	TLM-G-0170
20 mil (0.51 mm)	TLM-G-0200

Standard sheet size is 36" x 48" (914 x 1220 mm). Please call customer service for availability of alternate thicknesses and sizes.

