

Garlock Style IFG5500



Material: Compressed Inorganic fibre with a Nitrile binder

Temperature (Maximum): +800°F (+425°C)

Temperature (Maximum): +550°F (+290°C) Continuous

Temperature (Minimum): -100°F (-75°C)

Pressure (Maximum): 1200 psig (83 Bar)

P x T, (Maximum): 400,000 (14,000) 1.6mm

<u>TEST METHOD</u>	<u>PHYSICAL PROPERTIES</u>	<u>TYP. RESULTS</u>
ASTM F-36	Recovery, min %	50
ASTM F-36	Compressibility % range	7-17
ASTM F-37	Sealability Millilitres/hour leakage	
	ASTM Fuel A (Isooctane)	0.2
	Gasket load 500 psi – Internal pressure 9.8 psig	
	Nitrogen	1.0
	Gasket load 3000 psi – Internal pressure 30 psig	
DIN 3535	Permeation, cc/min. Leakage	0.05
ASTM F- 38B	Creep Relaxation %	15
	22 Hrs @ 212°F (100°C)	
ASTM F-146	Fluid Resistance after Five Hours Immersion	
	<u>ASTM #1 Oil @ 300°F (150°C)</u>	
	Thickness Increase, range (%):	0-10
	Weight Increase, Maximum (%):	15
	<u>ASTM IRM #903 oil @ 300°F (150°C)</u>	
	Thickness Increase, range (%):	0-15
	Tensile loss, Maximum (%):	40
	<u>ASTM Fuel A @ 70-85°F (20-30°C)</u>	
	Thickness Increase, Range (%):	0-10
	Weight Increase, Maximum (%):	10
	<u>ASTM Fuel B @ 70-85°F (20-30°C)</u>	
	Thickness Increase, Range (%):	0-15
	Weight Increase, Maximum (%):	15
ASTM F-152	Tensile Strength (psi)	
	Across Grain, PSI (N/mm ²)	1500 (10)
Material Sizes	Sheet Size:	1500mm x 1500mm
	Thickness Available:	0.4mm, 0.8mm, 1.6mm, 3.0mm

Please check with All Custom Gasket for current lead times and availability

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Disclaimer: The above values are typical properties and are provided for information only. They should not be used to set specification requirements. It is up to the end user to determine whether the material is suitable for the intended application.