

Garlock WHITE GYLON® 3535 Joint Sealant Tape

MATERIAL PROPERTIES*:

Color:	White
Composition:	PTFE Joint Sealant Tape
Temperature², °F (°C)	
Minimum:	-450 (-268)
Continuous Max:	+500 (+260)
Pressure², Maximum, psig (bar):	800 (55)
P x T (max.)², psig x °F (bar x °C):	
1/32 and 1/16":	350,000 (12,000)
1/8"	250,000 (8,600)
Flammability:	Will Not Burn
Bacterial Growth:	Will Not Support
Meets Specification:	FDA (Food and Drug Administration)

TYPICAL PHYSICAL PROPERTIES*:

ASTM D792	Specific Gravity:	0.65		
ASTM F586	Design Factors	<u>1/16" & Under</u>	<u>1/4"</u>	
	"m" factor:	-	2	
	"y" factor, psi (N/mm ²)	-	3000 (20.7)	
ROTT	Gasket constants, 3/8"	Gb=430	a=0.286	Gs=1.69x10 ⁻⁹

SEALING CHARACTERISTICS*

	ASTM F37B Fuel A	DIN 3535-4 Gas Permeability
Gasket Load, psi (N/mm²):	1000 (7)	4640 (32)
Internal Pressure, psig (bar):	9.8 (0.7)	580 (40)
Leakage	<0.1 ⁽³⁾ ml/hr.	0.05 ⁽³⁾ cc/min

Notes:

This is a general guide and should not be the sole means of selecting or rejecting this material. ASTM test results in accordance with ASTM F-104; properties based on 1/4" (6.3mm) sheet thickness unless otherwise mentioned.

* Values do not constitute specification Limits

² Based on ANSI RF flanges at our preferred torque. When approaching maximum pressure, continuous operating temperature, minimum temperature or 50% of maximum PxT, consult Garlock Applications Engineering.

³ Tested on 1/4" thick material.