

Garlock 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)

PHYSICAL PROPERTIES*

ASTM D792	Specific Gravity:	0.65
ASTM F586	Design Factors	<u>1/16"</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/mm ²):	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.