



# Garlock WHITE GYLON® 3535 Joint Sealant Tape

## MATERIAL PROPERTIES\*

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

## TYPICAL PHYSICAL PROPERTIES\*

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

## SEALING CHARACTERISTICS\*

	<b>ASTM F37B Fuel A</b>	<b>DIN 3535- 4 Gas Permeability</b>
<b>Gasket Load</b> , psi (N/mm <sup>2</sup> ):	1000 (7)	4640 (32)
<b>Internal Pressure</b> , psig (bar):	9.8 (0.7)	580 (40)
<b>Leakage</b>	<0.1 <sup>(3)</sup> ml/hr.	0.05 <sup>(3)</sup> 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

<sup>2</sup> 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.

<sup>3</sup> Tested on 1/4" thick material.