

## GYLON® Style 3535 – Joint Sealant Tape

### MATERIAL PROPERTIES\*:

<b>Color:</b>	White
<b>Composition:</b>	PTFE Joint Sealant Tape
<b>Fluid Services</b> (see chemical resistance guide):	Strong acids, caustics, solvents
<b>Temperature<sup>1</sup>, °F (°C)</b>	
Minimum:	-450 (-268)
Maximum:	+500 (+260)
<b>Pressure<sup>1</sup>, Maximum, psig (bar):</b>	800 (55)
<b>P x T (max.)<sup>1</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 Support Flame
<b>Bacterial Growth:</b>	Will Not Support
<b>Meets Specifications:</b>	

### TYPICAL PHYSICAL PROPERTIES\*:

<b>ASTM D792</b>	<b>Specific Gravity:</b>	0.65
<b>ASTM F586</b>	<b>Design Factors</b>	¼"
	"m" factor:	2.0
	"y" factor, psi (N/mm <sup>2</sup> ):	3000 (20.7)
<b>ROTT</b>	<b>Gasket Constants:</b>	
	3/8"	Gb=430      a=0.286      Gs=1.69x10 <sup>-9</sup>

### SEALING CHARACTERISTICS\*

	ASTM F37B – Fuel A	DIN 3535 – Nitrogen
<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

<sup>1</sup> Based on ANSI RF flanges at our preferred torque. When approaching maximum pressure, continuous operating temperature, minimum temperature or 50% of maximum P x T, consult Garlock Applications Engineering. Minimum temperature rating is conservative.

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

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