Garlock
SEALING TECHNOLOGIES®

an EnPro Industries company

Garlock WHITE GYLON® 3535

Joint Sealant Tape

MATERIAL PROPERTIES*

Color:	White
Composition:	PTFE Joint Sealant Tape
Temperature[2], °F (°C)	
Minimum:	-450 (-268)
Continuous Max:	+500 (+260)
Pressure[2], 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**	1/16" & Under	1/4"	
	"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.