



**Garlock STRESS SAVER® XP**

**MATERIAL PROPERTIES\*:**

<b>Color:</b>	Black
<b>Composition:</b>	Proprietary blend of fluoroelastomers (FKM – Type GF)
<b>Durometer, Shore A, +/-5:</b>	70
<b>Fluid Service</b> (see chemical resistance guide):	Water, steam, most hydrocarbons, gases, solvents, acids & gasohol
<b>Temperature<sup>(1)</sup>, °F (°C)</b>	
Minimum:	-15 (-26)
Maximum:	+400 (+204)
Ideal Operating Limit:	+250 (+121)
<b>Pressure<sup>1</sup>, psig (bar)</b>	
Minimum:	Full Vacuum
Maximum:	250 (17)
Ideal Operating Limit:	150 (10)
<b>P x T (max.)<sup>1</sup>, psig x °F (bar x °C):</b>	50,000 (1717)
<b>Meets Specifications:</b>	NSF 61 (National Sanitation Foundation), CORZAN System Compatible

**TYPICAL PHYSICAL PROPERTIES\*:**

ASTM F586	Design Factors	
	"m" factor:	0.5
	"y" factor, psi (N/mm <sup>2</sup> ):	100 (0.7)

**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 PxT, consult Garlock Applications Engineering. Minimum temperature rating is conservative.

FBC™ System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® piping systems and products made with TempRite® Technology. The FBC System Compatible Logo, FBC™, FlowGuard Gold®, BlazeMaster®, Corzan®, and TempRite® are trademarks of Lubrizol Advanced Materials, Inc. or its affiliates.

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