

## Garlock STRESS SAVER® 6800

### MATERIAL PROPERTIES\*:

<b>Color:</b>	Off-white
<b>Composition:</b>	EPDM
<b>Durometer, Shore A, +/-5:</b>	65
<b>Fluid Service</b> (see chemical resistance guide):	Water, very mild acids and caustics
<b>Temperature</b> <sup>(1)</sup> , °F (°C)	
Minimum:	-40 (-40)
Maximum:	+300 (+149)
<b>Pressure</b> <sup>1</sup> , Maximum, psig (bar):	250 (17)
<b>P x T (max.)</b> <sup>1</sup> , psig x °F (bar x °C):	50,000 (1717)
<b>Meets Specifications:</b>	FDA (Food & Drug Admin) 21 CFR 177.2600

### TYPICAL PHYSICAL PROPERTIES\*:

ASTM F586	Design Factors	
	"m" factor:	2.0
	"y" factor, psi (N/mm <sup>2</sup> ):	400 (2.7)

#### 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.

12/13/2016