



## Garlock 98206

### MATERIAL PROPERTIES\*

|  |   |
|--|---|
| <b>Color:</b>  | Black   |
| <b>Composition:</b>                                    | EPDM Elastomer with sulfur cure                                     |
| <b>Durometer, Shore A, +/- 5:</b>                      | 80  |
| <b>Temperature<sup>2</sup>, °F (°C)</b>                |   |
| Minimum:   | -40 (-40)   |
| Maximum:   | +275 (+135)   |
| <b>Pressure<sup>2</sup>, Maximum, psig (bar):</b>      | 150 (10)  |
| <b>P x T (max.)<sup>2</sup>, psig x °F (bar x °C):</b> | 30,000 (900)  |
| <b>Finish Available</b>                                |   |
| Thru 1/8":   | Cloth   |
| Over 1/8":   | Smooth  |
| <b>Meets Specification:</b>                            | NSF 61 (National Sanitation Foundation), ASTM-D-1330 Grade I and II |

### PHYSICAL PROPERTIES\*

|                    |  |                 |
|--------------------|--|-----------------|
| <b>ASTM D412</b>   | <b>Tensile Strength</b> , psi (N/mm <sup>2</sup> ):                          | 1500 (10.4)     |
| <b>ASTM D412</b>   | <b>Elongation</b> , %:   | 185             |
| <b>ASTM D395 B</b> | <b>Compression Set</b> , 25% Deflection, Max. %<br>22 hours at 158°F (70°C): | 25              |
| <b>ASTM D149</b>   | <b>Dielectric Properties</b> , range, volts/mil.<br>Sample conditioning      | 1/8"            |
|                    | None   | <2              |
| <b>ASTM F586</b>   | <b>Design Factors</b><br>"m" factor:   | 1               |
|                    | "y" factor, psi (N/mm <sup>2</sup> ):  | 200 (1.4)       |
| <b>ASTM D2000</b>  | <b>Line Call Out:</b>  | 4BA815A14B13C12 |

#### Notes:

This is a general guide and should not be the sole means of selecting or rejecting this material.

\* Values do not constitute specification Limits

<sup>2</sup> When approaching the maximum or minimum ratings consult Garlock Applications Engineering