**SPECIFICATION DATA SHEET**

# VB-72

**Pro-Formance®/MicroPore® Nonasbestos Gasket Material**

F729900M9

## Description

VB-72 is a high performance gasket material designed specifically for valve body and other heavy-duty applications with exposure to high fluid pressures and flow rates. It has excellent erosion resistance and is intended for applications with short duration maximum temperatures up to 290°C (550°F).

## Specification Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density, g/cc(lb/cu.ft)</td>
<td>1.47 (92) (min.)</td>
<td>ASTM F 1315</td>
</tr>
<tr>
<td>Compressibility, % (at 34.5MPa)</td>
<td>5 - 20</td>
<td>ASTM F 36</td>
</tr>
<tr>
<td>Recovery, %</td>
<td>40 (min.)</td>
<td>ASTM F 36</td>
</tr>
<tr>
<td>Tensile Strength, AMD, MPa(psi)</td>
<td>15.86 (2300) (min.)</td>
<td>ASTM F 152</td>
</tr>
<tr>
<td>Fluid Resistance, IRM903 Oil</td>
<td>Change in Thickness, %</td>
<td>30 (max.)</td>
</tr>
<tr>
<td></td>
<td>Binder Type</td>
<td>Fully Cured Nitrile Butadiene</td>
</tr>
</tbody>
</table>

Specification values determined by the test methods required for ASTM F-104, Type 7 materials.

## Remarks and Related Documents

Specification values determined by the test methods required for ASTM F-104, Type 7 materials.

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WARNING: The description and performance data provided herein constitute a material specification for quality control purposes, but do not imply suitability for use in a specific application. Your specific application should not be undertaken without independent study and evaluation for suitability. Failure to select proper sealing products may result in either property damage or personal injury. For specific application recommendations, contact Lydall Performance Materials (US), Inc. (LPM). LPM EXPRESSLY DISCLAIMS ALL WARRANTIES EITHER EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL LPM BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT INCLUDING NEGLIGENCE OR OTHERWISE ARISING IN ANY WAY OUT OF THE USE OF THE INFORMATION CONTAINED IN ITS SPECIFICATION DATA SHEETS, ITS PRODUCTS OR THEIR FUTURE USE BY YOU OR ANY THIRD PARTIES, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

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