



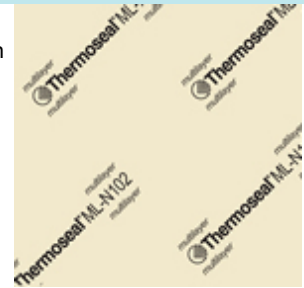
**Thermoseal**<sup>®</sup>

*A Passion for Quality*

**Thermoseal PTG Products**

**ML-N102**

Thermoseal ML-N102 is a high performance synthetic fiber and nitrile butadiene binder gasket material with good resistance to refrigerants and lubricating oils. Its unique Multi-Layer Technology structure provides exceptional low flange pressure sealability with exceptional torque retention. Multi-Layer Technology sheet products consist of a reinforced high density core with conformable sealing layers on each side. Typical applications include heavy-duty diesel engines and compressors with intermittent operating temperatures up to 450° F (232° C).



<b>Ref. Thickness of Measured Values</b>	1/16"
<b>Temperature</b>	maximum 450° F (232° C)
<b>Pressure</b>	maximum 1200 psi (8.3 MPa)
<b>Density ASTM F1315</b>	112 lbs/ft <sup>3</sup> (1.8 g/cm <sup>3</sup> )
<b>Compressibility ASTM F36J</b>	8 %
<b>Recovery ASTM F36J</b>	minimum 50%
<b>Weight Increase ASTM F146</b>	
After immersion in Fuel B for 5 hrs. at 73° (23° C)	maximum 10%
<b>Thickness Increase ASTM F146</b>	
After immersion in ASTM Oil #1 for 5 hrs. at 300° F (149° C)	0 - 5%
After immersion in Fuel A for 5 hrs. at 73° F (23° C)	5 - 10%
<b>Creep ASTM F38B (1/32")</b>	maximum 20%
<b>Sealability ASTM F37</b>	<0.20 ml/hr
<b>ASTM F104 Line Call Out</b>	F712121B3E11K6M4

For Additional Information Call Toll Free 1.800.990.7325 or email [info@thermosealinc.com](mailto:info@thermosealinc.com).



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