

## ML-N562

Thermoseal ML-N562 is a synthetic fiber and nitrile butadiene gasket material designed for difficult sealing applications with very low flange pressures or very rough surface finishes. It combines Multi-Layer Technology structure for exceptional low flange pressure sealability and exceptional torque retention together with a more compressible core. Multi-Layer Technology sheet products consist of a reinforced high density core with conformable sealing layers on each side. ML-N562 provides heat and chemical resistance in coolant, lubricant, and hot air applications. Typical applications include automotive, marine, and small engine applications with intermittent operating temperatures up to 500° F (260° C).



### REF. THICKNESS OF MEASURED VALUES

**Temperature**

1/16"

**Pressure**

maximum 500° F (260° C)

**Density ASTM F1315**

maximum 1400 psi (9.6 MPa)

**Compressibility ASTM F36J**

87 lbs/ft<sup>3</sup> (1.4 g/cm<sup>3</sup>)

**Recovery ASTM F36J**

minimum 20%

**Weight Increase ASTM F146**

After immersion in Fuel B for 5 hrs. at 73° (23° C)

minimum 50%

maximum 10%

**Thickness Increase ASTM F146**

After immersion in ASTM Oil #1 for 5 hrs. at 300° F (149° C)

After immersion in Fuel B for 5 hrs. at 73° F (23° C)

< 10%

< 15%

**Creep ASTM F38B (1/32")**

maximum 20%

**Sealability ASTM F37**

<0.20 ml/hr

**ASTM F104 Line Call Out**

F715121B3E12K6M4

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