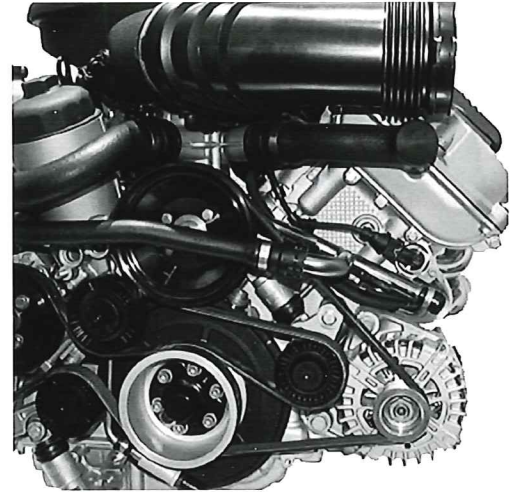


Thermoseal ML-N562
Multi-Layer Technology Grades

MATERIAL FEATURES AND APPLICATIONS

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).



Typical Properties	ML-N562
Temperature	maximum 500° F (260° C)
Pressure	maximum 1400 psi (9.6 MPa)
Density ASTM F1315	87 lbs/ft ³ (1.4g/cm ³)
Compressibility ASTM F36J	minimum 20 %
Recovery ASTM F36J	minimum 50 %
Weight Increase ASTM F146	
After immersion in Fuel B for five hours at 73° F (23° C)	maximum 10 %
Thickness Increase ASTM F146	
After immersion in ASTM Oil #1 for five hours at 300° F (149° C)	< 10 %
After immersion in Fuel B for five hours at 73° F (23° C)	< 15 %
Creep ASTM F38B (1/32")	maximum 20 %
Sealability ASTM F37	< 0.20 ml/hr
ASTM F104 Line Call Out	F 715121B3E12K6M4



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