

Thermoseal ML-N562 PTG Gasketing

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

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). Information provided by Thermoseal Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Thermoseal-ML-N562-PTG-Gasketing.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	ASTM F1315

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 °C	500 °F	intermittent

Descriptive Properties	Value	Comments
ASTM F104 Line Call Out	F715121B3E12K6M4	
Compressibility	>20%	ASTM F36J
Creep	<20%	ASTM F38B (1/32")
Pressure	<1400 psi	
Recovery	>50%	ASTM F36J
Sealability	<0.20 ml/hr	ASTM F37
Thickness Increase	<10%	After immersion in ASTM Oil #1 for 5 hrs at 300°F
	<15%	After immersion in Fuel B for 5 hrs at 73°F
Weight Increase	<10%	After immersion in Fuel B for 5 hrs at 73°F

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