KLINGER® ML-N562

KLINGER India

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	1/16"
Temperature	maximum 500° F (260° C)
Pressure	maximum 1400 psi (9.6 MPa)
Density ASTM F1315	87 lbs/ft3 (1.4 g/cm^3)
Compressibility ASTM F36J	minimum 20%
Recovery ASTM F36J	minimum 50%
Weight Increase ASTM F146	
After immersion in Fuel B for 5 hrs. at 73° (23° C)	maximum 10%
Thickness Increase ASTM F146	
After immersion in ASTM Oil #1 for 5 hrs. at 300° F (149° C)	< 10%
After immersion in Fuel B for 5 hrs. 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	F715121B3E12K6M4

All information is based on years of experience in production and operation of sealing elements. However, in view of the wide variety of possible installation and operating conditions one cannot draw final conclusions in all application cases regarding the behaviour in gasket joint. The data may not, therefore, be used to support any warranty claims. This edition cancels all previous issues. Subject to change without notice.

Certified acc. to DIN EN ISO 9001:2015 Subject to technical alterations.
KLINGER Industrial Products India Pvt. Ltd. #6 Tarana, 1st Floor, GoodEarth Malhar, Kambipura, Kengeri, Bengaluru 560074, Karnataka, India. Tel +91 8618523021 / +91 80 2990 9572 / e-mail: info@klinger.in