

RN-8011

Standard/Nonasbestos Gasket Material F339099E09M9

Description

RN-8011 is a low density cellulose fiber material with high rubber filler content and a nitrile butadiene rubber binder. It provides excellent sealing of oil and water at low flange pressures, and is used primarily for engine and transmission pan gaskets, water pumps, and environmental seals. It is intended for applications with short duration maximum temperatures up to 180°C (350°F).

Specification Properties

Property	Value	Method
Density, g/cc(lb/cu.ft)	0.61 (38) (min.)	ASTM F 1315
Compressibility, % (at 6.9MPa)	35 - 60	ASTM F 36
Recovery, %	15 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	1.52 (220) (min.)	ASTM F 152
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Weight, %	120 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
Change in Weight, %	120 (max.)	
Fluid Resistance, Distilled Water		ASTM F 146
Change in Weight, %	45 (max.)	
Binder Type	Nitrile Butadiene	

Remarks and Related Documents

Specification values determined by the test methods required for ASTM F-104, Type 3 materials.

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SPECIFICATION DATA SHEET

RN-8011

Standard/Nonasbestos Gasket Material

F339099E09M9

Revision	Requester	Description of Change	Director of Product Engineering	Regional Sales Director	Segment Manager	Date of Change
0	Initial Data Sheet					
A	T. Donahue	Removed "RN-8011 has UL component recognition" from Description	B. Lehr	T. Donahue	R. Lavertu	4/27/21
B	L. Gindlesperger	Updated Data Sheet Template with Company Logo, Company Locations, and added 2nd page with Change Log.	N/A	N/A	R. Lavertu	5/28/21

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