

## Specification Data Sheet

### **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). RN-8011 has UL component recognition.

Property:	Specification:	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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