

## Sealmax Style 9009 – EPDM Rubber



### Applications:

EPDM rubber gaskets can resist Abrasion, UV rays, Ozone, aging and Weather. EPDM is also steam resistant, and its resilient & flexibility has low Electrical conductivity, and adheres easily to Metals. EPDM insulates and reduces noise, part of the reason it's so commonly used in the automotive and Industrial applications. It is also used for sealants, expansion joints, garage door seals, pool and tank liners. It's even used on RV roofs.

### TECHNICAL SPECIFICATIONS

SR.NO.	PROPERTIES	TEST METHOD	VALUE FPS UNITS	TEST METHOD REFERENCE	VALUES METRIC UNITS
1.	SPECIFIC GRAVITY	DIN 53508	1.45 – 1.55	ASTM D297	1.45 – 1.55
2.	HARDNESS	DIN 53505	75 – 80	ASTM D2240	75 – 80
3.	TENSILE STRENGTH ( min )	DIN 53504	1138 PSI	ASTM D412	80 kg/cm <sup>2</sup>
4.	ELONGATION AT BREAK ( min )	DIN 53504	250%	ASTM D412	250%
5.	TEAR RESISTANCE ( Angular ) min	DIN 53515	112 Lbs/Inch	ASTM D624	20 Kg/cm
6.	COMPRESSION SET	ISO 815 ASTM D 395 METHOD 'B'	At 100°C for 24 hours	%	Max.30
7.	CHANGE IN PROPERTIES AFTER				
8.	HEAT AGEING FOR ( 72 hrs. AT 70 °C )			ASTM D 573	
9.	--- HARDNESS (Pts)		+ 8 (Max) A		+ 8 (Max) A
10.	--- TENSILE STRENGTH (%)		+ 15% (Max)		+ 15% (Max)
11.	--- ELONGATION AT BREAK (%)		+ 25% (Max)		+ 25% (Max)
12.	VOLUME SWELL : AT 70°C FOR 72 HRS			ASTM D 471	
13.	IN ASTM OIL NO.1		NOT RECOMMENDED		NOT RECOMMENDED
14.	IN ASTM OIL NO.2		NOT RECOMMENDED		NOT RECOMMENDED
15.	IN ASTM OIL NO.3		NOT RECOMMENDED		NOT RECOMMENDED
16.	EPDM RUBBER CONTENT IN TOTAL POLYMER		100%		100%
17.	CHEMICAL RESISTANCE				
18.	--- OZONE		FAIR	ASTM D 1149	FAIR
19.	--- DILUTE ACIDS AND BASES		GOOD		GOOD
20.	--- CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
21.	--- OILS		NOT RECOMMENDED		NOT RECOMMENDED
22.	--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED

All technical data and recommendations are given based on our experience. However, we assume no liability whatsoever. All data and values must be verified by the user, as the effectiveness of a seal can only be accurately judged by evaluating all data parameters directly on site. The stated parameters of all packing styles are approximate and may be influenced if occurring together. We suggest you to contact us in case of any special applications.



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