

Sealmax Style - 9015 - Chloroprene Rubber



Applications:

Chloroprene rubber gaskets are widely known for their excellent resistance to weathering, ozone, oxidation, and abrasion. They also exhibit good resistance to oil, grease, and a range of chemicals, making them ideal for industrial applications with strong mechanical properties including flexibility and durability. Chloroprene rubber can endure harsh environmental conditions and fluctuating temperatures.

TECHNICAL SPECIFICATIONS

SR.NO.	PROPERTIES	TEST METHOD	VALUE FPS UNITS	TEST METHOD REFERENCE	VALUES METRIC UNITS
1.	SPECIFIC GRAVITY		1.40 ± 0.05	ASTM D297	1.40±0.05
2.	HARDNESS	ISO 48-4	65 ± 5 Sh A	ASTM D2240	65 ± 5 Sh A
3.	TENSILE STRENGTH (min)	ISO 37	1422 PSI	ASTM D412	100 kg/cm ²
4.	ELONGATION AT BREAK (min)	ISO 37	500 %	ASTM D412	500 %
5.	COMPRESSION SET (70°C/24 hrs/25% compression) (max)	ISO 815-1	40 %	ASTM D395 METHOD B	40 %
6.	TEAR RESISTANCE (Angular) min	ISO 34-1	140 Lbs/Inch	ASTM D624	25 Kg/cm
7.	CHANGE IN PROPERTIES AFTER				
8.	HEAT AGEING FOR (72 hrs. AT 70 °C)			ASTM D573	
9.	--- HARDNESS (Pts)		+ 5 (Max)		+ 5 (Max)
10.	--- TENSILE STRENGTH (%)		+10/-15		+10/-15
11.	--- ELONGATION AT BREAK (%)		+10/-20		+10/-20
12.	VOLUME SWELL: AT 70°C FOR 72 HRS			ASTM D 471	
13.	IN IRM OIL NO.901		+ 27%		+ 27%
14.	IN IRM OIL NO.902		+ 30%		+ 30%
15.	IN IRM OIL NO.903		+ 80%		+ 80%
16.	CHEMICAL RESISTANCE				
17.	--- OZONE		GOOD	ASTM D 1149	GOOD
18.	--- DILUTE ACIDS AND BASES		GOOD		GOOD
19.	--- CONCENTRATED ACIDS AND BASES		FAIR		FAIR
20.	--- OILS		GOOD		GOOD
21.	--- SOLVENTS		FAIR		FAIR

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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