



شركة المطاط العالمية ذ.م.م.  
INTERNATIONAL RUBBER COMPANY (L.L.C.)

DATA SHEET

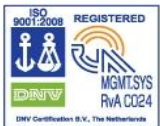
**EPDM RUBBER CONTAINER SEALS**

- Material** : Elastomer EPDM Synthetic Rubber
- Function** : Sealing of container Doors for Refrigerated and non refrigerated containers and containerized Transport Vehicles.
- Types** : As per customer's drawings/samples.
- Properties** : High Strength, Ozone and UV resistance/Non cracking, long life, thermal insulation, Sealing against rain and dust.

**General Physical Properties**

Properties	Specifications	Test Method
Tensile Strength (MPa)	Range 7 to 24	ASTM D - 412
Hardness (Shore A) $\pm$ 5	Range 40-80 as per customers request	ASTM D - 2240
Elongation Break % (Min.)	200 %	ASTM D - 412
Rebound	Good	ASTM D - 2000
Low Temperature working	Upto $-40^{\circ}\text{C}$	ASTM D - 2137
Maximum Working Temperature	$140^{\circ}\text{C}$	
Resistance to weathering - Sunlight (U.V.) - Resistance to Ozone (resistance to cracking) - Heat resistance - Resistance to Swelling in water	very good excellent very good very good	ASTM D - 1149  ASTM D - 471

**International Rubber Company** has developed **EPDM** Rubber container Seals suitable to all major types of Refrigerated and non-refrigerated containers applicable in Middle East Region. With in-house Tool Room and R & D facilities, the response time to new developments is very short.



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