



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

**DATA SHEET**

**SILICONE RUBBER PROFILE**  
**FOR ALUMINIUM ARCHITECTURAL APPLICATION**

- Material** : Elastomer SILICONE Synthetic Rubber
- Function** : Holding of Glass and Aluminium Sash. Excellent sealing against dust, water and winds, thermal Insulation, shock absorber, good aesthetic appearance. Silicone Rubber Vulcanizates process excellent working properties at high and low temperature.

**General Physical Properties**  
**(ASTM C 1115 Table 2, Type C)**

Properties	Specifications	Test Method
Hardness (Shore A)	70±5 <sup>0</sup> A	ASTM D 2240
Tensile Strength, Mpa	5	ASTM D 412
Elongation Break, %	125	ASTM D 412
Heat aging for 70 hrs at 150 °C	±5	ASTM D 573
A) Hardness change	±15	
B) Tensile strength change max %	±30	
C) Elongation change max %		
Compression Set - 22 Hours at 100° C	15 % Max.	ASTM D 395
Ozone Resistance , 70° C 300 PPM ,100 Hrs.	No cracks	ASTM D 1149 (Specimen A)

**International Rubber Co.** has developed **Silicone** Rubber Profiles and Corner Moulded Joints to suit all major Aluminium systems used 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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