



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

**DATA SHEET**  
**PVC Water stops for construction**

- Material** : Poly Vinyl Chloride
- Function** : Excellent sealing for moisture by acting like a continuous water tight diaphragm in a typical concrete structure as foundation, roof slab, reservoir, parking swimming pool, garages, storage tank, retainer wall etc. at expansion and contraction joints.

**Physical Properties**

Properties	Specification	Test Method
Specific Gravity	1.36	As per ASTM D792
Hardness, Shore A	65° A - 75 ° A	As per ASTM D2240
Tensile Strength ( N / mm <sup>2</sup> )	9.6 Mpa (Minimum)	As per ASTM D638
Elongation at Break	250% (Minimum)	As per ASTM D638
Water Absorption	Negligible	As per ASTM D570
Chemical Resistance	Resistant to inorganic acids, alkalis and salts solutions.	As per ASTM D543
Brittleness Temperature (° C)	-25°c	As per ASTM D746
Water Portability	Suitable for using with potable water sources	
Modulus of Elasticity (Mpa)	6 Mpa (Minimum)	

**International Rubber Co.** has developed **PVC Water Stop** 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.

Issue Date : 20-05-2001	Doc. No. : QOD 001	Rev. No. : 00	Rev. Date : 00
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