

PVC WATERSTOPS

TYPES OF CONCRETE JOINTS

Expansion (Isolation) Joint

A joint that separates the slab structurally from other building elements such as walls, columns, foundations, drain pipes, to accommodate differential horizontal and vertical movement.

Contraction (Control) Joint

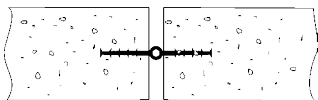
A formed, sawed or tooled groove in a concrete structure to create a weakened plane and regulate the location of cracking resulting from the dimensional change of different parts of the structure.

Construction Joint

A joint placed in concrete where construction operations are concluded for the day.

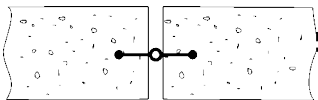
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WATERSTOPS FOR MOVING JOINTS



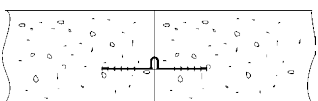
Ribbed Center Bulb

Used in expansion joints where normal movement between members is anticipated. **Also available in split shapes.**



Dumbbell with Center Bulb

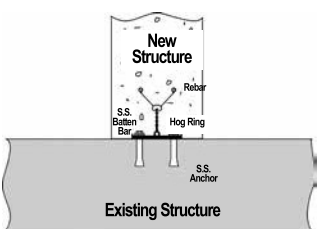
Used in expansion joints where longitudinal and transverse movement is anticipated.



Tear Web

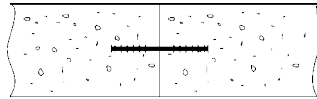
Used in expansion joints where large joint movements are expected.

RETROFIT APPLICATIONS



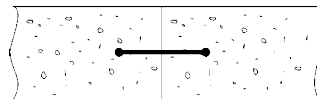
Used to provide a watertight seal when attaching a new construction project to an existing one.

WATERSTOPS FOR NON OR LIMITED MOVEMENT JOINTS



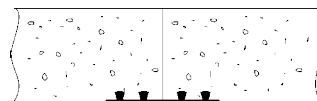
Flat Ribbed

Used in construction joints where little or no movement is anticipated and where high bond strength is desired.



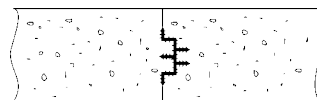
Dumbbell

Used in construction joints where little or no movement is anticipated. **Also available in split shapes.**



Base Seal

Used in grade construction between concrete walls and slabs, in backfilled retaining walls and in keyed construction joints in walls and slabs.



Multi Rib

Used in construction joints in vertical applications where key action is desired.

TYPICAL PROPERTIES OF PVC WATERSTOPS MEET OR EXCEED CRD-C 572-74, 100% VIRGIN RESIN

Typical Properties	Minimum Value	ASTM
Water Absorption, %	0.15 max	D-570
Tear Resistance, lb/in (kg/cm)	300 (53.5)	D-624
Specific Gravity, (+/-0.05)	1.38	D-792
Hardness, Shore A (+/-5, 10 sec. delay)	80	D-2240
Tensile, psi (kg/cm ²)	2000 (140.6)	D-638, Type IV
Elongation, %	350	D-638, Type IV
Low Temperature Brittleness, °F (°C)	-35(-37) Passed	D-746
Stiffness in Flexure, psi (kg/cm ²)	600 (42.1)	D-747
Accelerated Extraction, CRD-C 572		
Tensile, psi (kg/cm ²)	1600 (112.4)	D-638, Type IV
Elongation, %	300	D-638, Type IV
Effect of Alkali, CRD-C 572		
Weight Change, %	-0/+0.25	-----
Change in Hardness, %	+/-5	D-2240

IMPORTANT: The technical data herein is believed to be accurate. It is offered for your consideration, investigation and verification. All testing and test data has been prepared by independent laboratories. NO WARRANTY, EXPRESS OR IMPLIED, IS MADE as to the accuracy or completeness of the technical data herein and the use thereof for any particular purpose.