

DURAJOINT (continued)

or exceed the requirements and performance criteria of the Corps of Engineers Specification CRD-C 572-74. An arctic grade is available on request to meet Ontario Hydro Standard M-264-81.

DuraJoint is chemically inert, contains no materials leachable by water, and is highly resistant to ozone and oxygen, and to water-borne chemicals. It is fungus resistant, as tested against the specifications outlined in Military Standard 810B, Method 508, will not fatigue on repeated flexure, and retains its strength and elasticity through a temperature range from -35°F to +175°F.

TYPES OF JOINTS

- **Working Joints** - Large amount of movement occurs.
- **Non-Working Joints** - Little or no movement occurs.
- **Control Joints** - Purposely created planes of weakness to pre-determine the location of cracks caused by contraction during the curing of concrete. Usually these joints have lateral movement.
- **Expansion or Isolation Joints** - Separates or isolates abutting concrete structures, such as walls, slabs, columns or footings. Movement can be both lateral and transverse.
- **Construction Joints** - Placed at the interruptions in the placement of concrete.

Ribbed Type without Centerbulb			
	APPROX. WT. LBS. LIN. FT.	HEAD OF WATER FT.	
Type 2 For construction joints.	0.39	65	
Type 11 Construction joints in foundation walls and footings where greater hydrostatic pressure is anticipated.	1.46	100	
Type 11A For deep embedment in construction and expansion joints where shear movement is not anticipated.	2.14	150	
Type 11B DuraJoint flat ribbed waterstops are used in construction joints where little or no movement is expected. Found generally in below grade footings, walls and slabs.	0.83	100	
Type 11C	1.14	150	
Type 12 Construction joints in foundation walls and footings.	1.07	65	
Type 13 Construction joints in foundation walls and footings where greater hydrostatic pressure is anticipated.	1.59	100	
Type 14 For deep embedment in construction and expansion joints where shear movement is not anticipated.	2.24	150	
Type 15 Construction joints in foundation walls and footings.	1.29	125	
Post Applied DuraJoint			
Type 18 Post Applied DuraJoint was designed to attach new concrete structure to existing concrete. Providing watertight joint with limited movements.	2.80	NA	

Dumbbell Type without Centerbulb			
	APPROX. WT. LBS. LIN. FT.	HEAD OF WATER FT.	
Type DB-1 For construction joints.	0.83	65	
Type DB-2 For expansion joints 1/2" or less in width.	1.53	100	
Type DB-3 For expansion joints 1" or less in width.	2.21	100	
Type DB-4 For expansion joints 1" or less in width.	2.34	100	
Type DB-5 For composition joints below grade where little or no movement is expected.	0.76	90	
Type DB-7 Same as Type DB-5 but will take higher head of water.	0.98	100	
Type DB-8 Economical shape for construction joints below grade.	0.50	65	
Dumbbell Type with Centerbulb			
Type DB-6 For expansion joints up to 1-1/2" in width. Will accommodate both transverse and longitudinal movements.	2.92	150	
Type DB-9 For expansion joints 1" or less in width.	2.10	100	
Type DB-10 For horizontal and vertical expansion joints where reinforcing steel does not allow use of 9" waterstop.	1.25	125	
Type DB-11 To be used in large pours with expected movements, floodwalls, large treatment plants.	3.65	150	
Special Shapes			
Used in difficult forming areas that do not require a high head of water.			