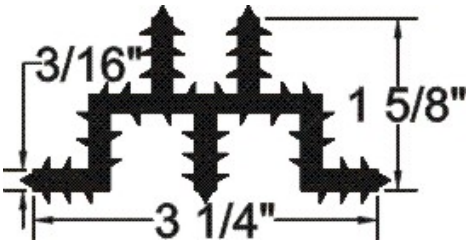
TPER PRODUCT DATA SHEET
TMR-314



Pounds per Lineal Foot
0.60

TPER Waterstop is manufactured from a specially formulated Thermoplastic Vulcanizate Rubber. This product has excellent physical properties and chemical resistance and will assure an owner of a facility that require containment for environmentally sensitive materials.

WHERE TO USE MULTI RIB WATERSTOP

Multi Rib waterstops are used in construction joints vertical applications where key action is desired.

PHYSICAL PROPERTIES OF TPER WATERSTOP		
Typical Properties	**Nominal Value**	**ASTM**
Hardness Shore A, ±3	90	D-2240
Specific Gravity	0.96	D-792
Tensile Strength, psi (MPa)	2300 (15.9)	D-412
Elongation, %	530	D-412
Brittle Point, ºF (ºC)	-65 (-54)	D-746
Stress @ 100% Elongation, psi (MPa)	1000 (6.9)	D-638
Ozone Resistance	Passed with no cracking at 500 pphm	D-1171

INSTALLATION

Preparation

During progress of work all waterstop shall be protected from damage and should be free of oil, dirt and concrete spatter. Waterstop coils should be uncoiled several days before installation to insure ease of installation and fabrication. Be sure steel reinforcing bars do not interfere with proper positioning of waterstop.

Location & Placement of Multi Rib

The joint where the Multi Rib will be placed should be located by use of the construction drawings for the project. The Multi Rib should be placed where the center of the joint will be. Then the Multi Rib should be nailed (double headed nail) to the formwork before the first concrete pour. After first concrete pour has cured, the formwork should be stripped. The Multi Rib should be partial cast into the concrete creating a key in the concrete. Please make sure to cut the nail flush, so the second concrete pour of the concrete does not attach to nail. Then it is ready for the second concrete pour.

Placement of Concrete

Care should be taken during concrete placement to prevent excessive movement of the Multi Rib to insure against displacement. Always thoroughly and systematically vibrate concrete around the waterstop to avoid air entrapment and to provide a positive contact between the Multi Rib & concrete.

Splicing

Waterstops may need splicing at intersections, abrupt changes of direction, or to form longer lengths. Field splicing of straight butt joints is fairly simple. Mitered fittings such as ells, tees and crosses in both flat and vertical styles, are harder to splice correctly. We recommend that these types of fittings be factory fabricated. Please contact us for more details.

141 Hammond Street
Carrollton, GA 30117

Phone 770-832-2000 ■ 800-862-4835 ■ FAX 770-832-2095
Visit our website @www.bometals.com
Address email to info@bometals.com

Founded in 1989, BoMetals has become an industry leader in the design and manufacture of concrete and masonry accessories.

1/18/2013