

## Chemical Resistant (TPER) Waterstops

### WHERE TO USE TPER WATERSTOP

Chemical Resistant Waterstop is available in every PVC profile. TPER (Thermoplastic Elastomeric Rubber) should be used to provide a fluid tight diaphragm in primary, secondary and tertiary above and below ground containment facilities.

This is accomplished by offering a product for concrete expansion and construction joints that greatly expands its resistance to petrol-chemical, solvents, aqueous acids, gasoline, jet fuel, and chemicals listed as hazardous by the EPA. BoMetals' many selections will allow precise waterstop design for each critical application. The physical design and the field installation adversities should be considered when specifying and designing waterstop installation.

**TPER AVAILABLE  
IN EVERY PVC  
PROFILE**

### PHYSICAL PROPERTIES

Properties	Nominal Value	Test Method
Hardness, Shore A (+/-5)	85.0	D-2240
Tensile Strength, @ break, psi (kg/cm <sup>2</sup> )	2310 (162)	D-412
Elongation, @ break	850%	D-412
Brittle Point, degrees	-70 F (-57C)	D-746
Specific Gravity, g/cm <sup>3</sup>	0.93	D-792
100 % Modulus, psi (kg/cm <sup>2</sup> )	1073 (75)	D-638
Ozone Resistance	Passed 450 pphm	D-1171

### POPULAR TPER PROFILES

Stock Number	Lbs./LF	Description
TCB-4316	.31	
TCB-6316	.45	
TCB-638LB	1.05	
TDCB-614	.66	
TDCB-938	2.00	
TFR-4316	.33	
TFR-6316	.53	
TDB-4316	.34	
TDB-638	1.04	
TRF-638	1.32	
TTW-618	.40	