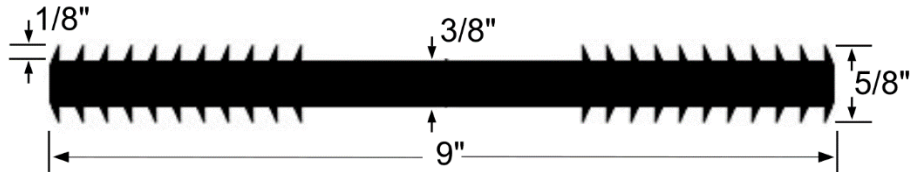




## Flat Ribbed Waterstop Type 11A TPER



**Width: 9"**

**Head Pressure: 175+ (ft.)**

**Thickness: 3/8"**

### **Suggested Short Form Specification:**

All waterstop shall be **Durajoint® TPER Waterstop**. It shall be an extrusion of Thermoplastic Vulcanizate which meets or exceeds the requirements of the Army Corps of Engineers (USACE) and American Society for Testing Materials (ASTM) specifications. Types and dimensions of waterstop shall be those shown in the project specifications. No substitutions or equals allowed.

| Physical Properties         | Test Method | Values                                                                                                              |
|-----------------------------|-------------|---------------------------------------------------------------------------------------------------------------------|
| Tensile Strength            | ASTM D412   | 2000 psi                                                                                                            |
| Ultimate Elongation         | ASTM D412   | Min. 450%                                                                                                           |
| Specific Gravity            | ASTM D792   | 0.96 min.                                                                                                           |
| Tear Resistance             | ASTM D624   | 278 lbs./in.                                                                                                        |
| Ozone Resistance            | ASTM D1149  | 450 pphm                                                                                                            |
| Chemical Resistance         | ASTM D471   | Meets or exceeds specific testing standards for contained fluids as required by owner and certified by manufacturer |
| Low Temperature Brittleness | ASTM D746   | No Cracking, Brittleness or Splitting at -70°F/-57°C                                                                |
| Hardness                    | ASTM D2240  | 83 Shore A ± 5                                                                                                      |
| 100% Modulus                | ASTM D-638  | 1000 psi                                                                                                            |

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