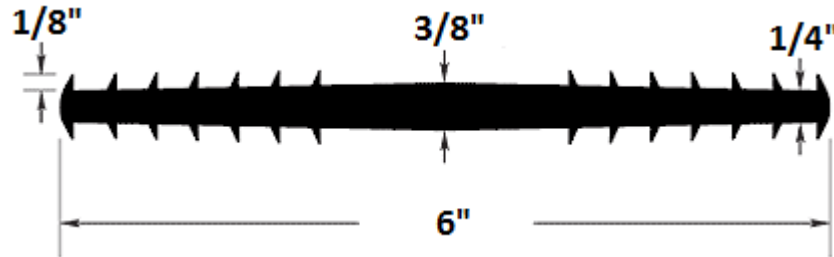


Flat Ribbed Waterstop Type 15



Width: 6"

Head Pressure: 125+ (ft.)

Thickness: 3/8"

Suggested Short Form Specification:

All waterstop shall be American owned and manufactured **Durajoint® PVC Waterstop**. It shall be an extrusion of virgin polyvinyl chloride and additional resins, plasticizers and stabilizers which meet or exceed the requirements of the Corps of Engineers (USACE) specifications. Types and dimensions of waterstop shall be those shown in the project specifications.

| Physical Properties - PVC | Test Method | USACE Required Values | Competitor Test Values | Durajoint Test Values |
|-----------------------------------|-------------|------------------------------|------------------------|--------------------------|
| Tensile Strength | ASTM D638 | Not less than 1750 | 2000 psi | 2395 |
| Ultimate Elongation | ASTM D638 | Not less than 300% | 350% | 374% min. |
| Specific Gravity | ASTM D792 | --- | 1.38 | 1.36 |
| Stiffness in Flexure | ASTM D747 | Not less than 600 psi | 700 psi | 2374 psi min. |
| Tear Resistance | ASTM D624 | --- | 300 lbs./in. | 310 lbs./in. min. |
| Ozone Resistance | ASTM D1149 | --- | N/A | Passed |
| Low Temperature Brittleness | ASTM D746 | Low Temp Pass at -35°F/-37°C | Passed | Passed |
| Hardness Shore A15 | ASTM D2240 | --- | 79 ± 3 | 76 |
| Water Absorption | ASTM D570 | --- | 0.15% | 0.11% |
| US Army Corps of Engineers | --- | --- | --- | --- |
| Accelerated Extraction | CRD-C 572 | --- | --- | --- |
| ▪ Ultimate Elongation | Par 7.1 | Not less than 280% | 300% | 383% |
| ▪ Tensile Strength | Par 7.1 | Not less than 1500 psi | 1600 psi | 1808 psi min. |
| Effects of Alkali | CRD-C 572 | --- | --- | --- |
| ▪ Loss Weight | Par 7.2 | No less than .10 weight loss | -0.10 | No Change |
| ▪ Gain Weight | Par 7.2 | No more than .25 weight gain | +0.25 | 0.17% |
| ▪ Hardness Change | --- | Not more than +/-5 change | +/-5 Points | +5 |

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