

## Polymer Vision Technology WATER STOP Technical Data Sheet

PVTECH Water stops are high grade poly vinyl chloride resin extrusions that are plasticized and stabilized to offer long life performance in concrete structure against water leakages the cross-section configuration features. Our Water stops are precision engineered for vertical and horizontal expansion, construction and contracting joints between cast-in-place concrete units where conditions may subject the concrete to hydro-static pressure or moisture seepage. PVTECH are manufactured with the highest quality PVC to provide the strongest tensile strength and elongation capabilities possible with a superior resistance to alkalis, acids, ozone and waterborne chemicals.

**Material** : PVC  
**Color** : Blue 306  
**Surface** : Smooth & Glossy  
**Application** : Dams, Tunnels, Basement of foundations

Properties	STANDARD	Specification
Material	ASTM D 1785-15	PVC
Hardness (Shore A)	ASTM D 2240	> 80
Specific Gravity	ASTM D 792	> 1.5
Tensile strength (N/mm <sup>2</sup> )	ASTM D 638	> 10
Elongation at Break(%)	ASTM D 638	>220 %
Thermal Stability at 200°C	ASTM D 3045	> 40 Min
Brittleness Temperature (°C)	---	25
Water Absorption	---	Negligible
Chemical Resistance	---	Resistant to solutions of inorganic acids,alkalis & acids
Water Portability	---	Suitable for use with potable water sources

PVTECH'S complete line of shapes and sizes assures a long, lasting, watertight seal for every above or below grades concrete structure. PVC Water stops are available in a wide range of designs and sizes to suit a variety of applications.

**Note:**

Technical Data Sheets (TDS) summaries our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. PVTECH does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

Polymer Vision Technology LLC.