

PZ Waterstop

PZ waterstop is a new type hydrophilic watertight product manufactured of quality vulcanized rubber and other additives, which make it expansible with physical properties of rubber. Comparing with bentonite waterstop and butyl rubber waterstop, this one has following characters:



Properties

Physical properties		PZ-150	PZ-250	PZ-400	PZ-600
Hardness (shore A)		42±7	42±7	45±7	48±7
Tensile strength		3.5 MPa (min)	3.5 MPa (min)	3 MPa (min)	3 MPa (min)
Elongation		450% (min)	450% (min)	350% (min)	350% (min)
Expansion rate		1.5	2.5	4	6
Repeated water immersion test	Tensile strength	3 MPa (min)	3 MPa (min)	2 MPa (min)	2 MPa (min)
	Elongation	350% (min)	350% (min)	250% (min)	250% (min)
	Expansion rate	1.5	2.5	3	5
Low temperature bending (-20 °C*2 h)		No crack	No crack	No crack	No crack

Sizes

15 mm × 20 mm, 20 mm × 30 mm, 20 mm × 50 mm, 30 mm × 50 mm, 10 mm × 40 mm or others as your request.

Package

- 15 mm × 20 mm and 20 mm × 30 mm: 25 meters / box.
- 30 mm × 50 mm: 10 meters / box.
- Your nominated types of packages are also available.



PZ strip waterstop before boxing



PZ strip waterstop in pallet package

Features & benefits

- Easy and quick to install.
- Slow expansion type is also available as your request.
- Smaller size but uncompromising water swelling property.
- Eliminate elastic fatigue caused by excessive compression.
- Excellent water resistance, chemical resistance and anti-aging property.
- High watertight properties - once exposed to water, PZ waterstop will expand one to five times to fill all irregular surfaces, holes and spacing of surrounding concrete.
- Much stronger taking advantages of cross-linked chemical structure at the atomic level.

Applications

- Settling pond.
- Pipe penetration.
- Water reservoirs.
- Deformation and concrete construction joints of civil engineering.
- Water conservancy and hydropower projects, etc.