

# Teknomer Water Stop Tapes

## PVC-Based Waterproofing Tapes For Joint Sealing



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### Product Description

They are modified water based flexible water retainers produced in special sections that ensure the sealing of construction and expansion joints when concrete is poured. Depending on their use, they are supplied in different sizes and types.

### Areas of Usage

- Water storage, swimming and ornamental pools,
- Concrete water retaining structures such as ducts, treatment plants, dams, swimming pools
- They are used to provide waterproofing of construction and expansion joints.
- Large basement buildings, underground car parks, subways and sea walls are used as impervious constructions.

### Features and Benefits

- High quality PVC seams for long term durability
- Suitable for high water pressure
- Easy to weld on site
- There are many different measures and solutions depending on the application

### Application Instructions

Water retaining belts placed in concrete:

Centering of concrete elements. TEKNOMER WATER STOP TAPES can be easily fixed to the concrete in the concrete thanks to the holes left at certain intervals on the tape. Water Retention Tapes applied to the surface:

It can be applied to mold or base-protection concrete surface.

Welding:

TEKNOMER WATER STOP TAPES can be easily combined with hot air source because they are thermoplastic PVC based. The edge parts (available for each type) must be fixed to the welding mold and cut precisely. The cut ends should then be welded with suitable welding equipment until a molten, smooth PVC surface is formed. The welding machine must be removed and the fused edges must be pressed firmly together. The welding temperature should be ~ +200°C

### Application Notes / Restrictions

- Waterproofing tapes should not be applied to the concrete surface in applications that will be exposed to negative water pressure.
- It must be protected from UV rays during storage.
- It should be stored in unopened packages in dry conditions at temperatures of +30°C maximum.

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**Technical Data**

General Information		
Color	Yellow	
Structure	Modified Polyvinyl Chloride (PVC-p)	
Package	20 mt roll	
Shelf Life	It is suitable for 5 years from the date of production.	
Density	1.26 g/cm <sup>3</sup> (± 0.04 g/cm <sup>3</sup> )	
Tensile Strength	> 12 N /mm <sup>2</sup>	(TS 3078)
Shore A hardness	83 ± 4	(TS 3078)
Elongation at break	>200%	(TS 3078)
Ash Content	At most 5.0% (m/m) mass	(TS 3078)
Water Absorption Rate	Not more than 1.5% (m/m) mass	(TS 3078)
Service Temperature	At least -35°C, at most +55°C	