

# Bentonite Waterstop



Bentonite waterstop is a kind of hydrophilic water sealing product coming with incomparable durability and higher water absorption no less than 300%. Unlike traditional clay based waterstops, this one utilizes rubber as base material to form a controlled, moisture active sealant - that means the bentonite waterstop will not expand to point losing much of integrity even being washed away by water during continually expansion.

## Types



Strip Waterstop  
SWS-1



Strip Waterstop  
SWS-2



Strip Waterstop  
SWS-3



Strip Waterstop  
SWS-4

## Properties

Physical properties	Test method	Result
Color	-	Black
Specific gravity	ASTM D-71	1.35 ± 5%
Hydrocarbon content	ASTM D-4	47% (min)
Volatile matter	ASTM D-6	1% (max)
Penetration, cone at 77°F, 150 gm, 5 sec.	ASTM D-217	40 mm ± 5%
Application temperature	-	-10°F to 125°F
Service temperature	-	-30°F to 180°F

Other bentonite waterstops for specific applications are also available in our company as shown follow:



**Bentonite waterstop with expanded metal**

Bentonite waterstop with expanded metal is a new type water sealing product. The added expanded steel mesh (or nylon mesh as your request) effectively enhances the tensile strength of the waterstop and improves the overall construction quality.



**Bentonite waterstop with grouting pipe**

The perfect match of bentonite waterstops and grouting pipes extremely improve the performance of the water-proofing capability. Once the leakage of water occurs, you can plug the crack through pouring chemical grout into the pipe, instead of slotting and drilling a hole on the construction surface.

## Sizes

- Width: 10 mm, 15 mm, 20 mm, 30 mm, 40 mm, 50 mm.
- Height: 10 mm, 20 mm, 30 mm, 25 mm, 40 mm, 50 mm, 60 mm.
- Color: black, red and other colors also can be customized.
- 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.
- Note: Other specifications also can be customized.



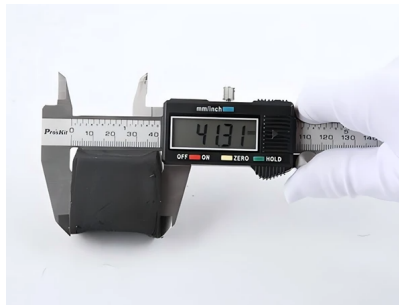
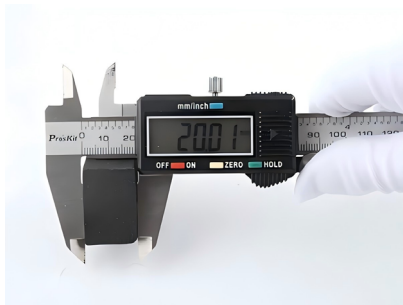
Bentonite waterstop packed in carton



Many cartons of bentonite waterstop

## Features & benefits

- Quality sodium bentonite clay and rubber materials.
- Moisture activated.
- Strong, durable with high cost effectiveness.
- High water absorption with excellent compression seal.
- High expansion control ability for preserving its integrity.
- Controlled internal pressure in surrounding concrete to avoid spalling and cracks.
- Withstand high water pressure.
- Capable to self-healing.
- Easy and fast to transport and install.
- Easy to joining.
- Non toxic.



## Applications

- Joints with limited movements.
- Construction joints and sheet pile joints.
- Water containment and reservoirs.
- Water and sewage treatment.
- Primary and secondary structures.
- Manholes and elevator pits, manure pits
- Tunnels, culverts, dams, water tanks and canals.
- Pipe penetrations.
- Swimming pools and parking garages.
- Retaining walls.
- Precast concrete structure.
- Foundations and basements.
- Slabs and king post.
- Fast track projects