

RUBBER WATERSTOPS

A Product of **SUPREONE** Rubber and Chemical Industry

SUPERONE Rubber waterstop is manufactured from natural rubber and synthetic rubbers with many additives and fillers by the processes of plastication, mixing and compression molding. It can be used in various concrete joints to prevent water leakage and permeation. It has excellent elasticity and it is highly resistant to abrasion, corrosion, aging and tearing. It can adapt to deformation very well and it is resistant to water. It is suitable for the temperature range of -45 °C to +60 °C. Rubber waterstop cannot be used when the temperature exceeds +70 °C and in the conditions where rubber waterstop is oxidized or corroded seriously by organic solvents.

Rubber waterstops, also called rubber water stops, can be divided into many kinds according to materials, such as natural rubber waterstop, neoprene waterstop, nitrile rubber waterstop and EPDM waterstop. Rubber waterstops of different materials are suitable for different conditions. And we can manufacture rubber waterstops according to customers' requirements. They are widely used for various concrete structures, such as bridges, dams, tunnels, culverts, storage tanks and waste water treatment plants.

We can manufacture rubber waterstops in many shapes, such as ribbed with center bulb, dumbbell with center bulb, ribbed, dumbbell, base seal, tear web, split dumbbell and split ribbed. And we can also manufacture other types rubber waterstops according to customers' requirements.

FEATURES OF RUBBER WATERSTOP

Excellent elasticity and flexibility | Resistant to abrasion and tearing | Resistant to corrosion and chemicals | Resistant to water | Resistant to weather and aging | Excellent sealing effect

APPLICATION OF RUBBER WATERSTOPS

- They are widely used for moving joints and non-moving joints.
- They are used for dams, bridges, tunnels, culverts and canals.
- They are used for water and sewage treatment plants.
- They are used for retaining walls.
- They are also used for storage tanks, swimming pools and water reservoirs.



The Specification of Rubber Waterstop		
Items	Parameter	
Hardness (Shore A)	60±5	
Tensile strength (MPa)	≥8	
Elongation at break (%)	≥ 380	
Compression set	70 °C 24 h (%)	≤35
	23 °C 168 h (%)	≤ 20
Brittleness temperature (°C)	≤45	
	Hardness (Shore A)	≤+8
Hot-air aging 70 °C x 72 h	Tensile strength (N/mm ²)	≥ 10
	Elongation change rate (%)	≤ 20



location



Factory Address

DHA Phase 8, Sector Y2, Ismail Pura Near High School, Bedian Road, Lahore.

Office Address

MZ-27, Empress Tower, 46-Empress Road, Lahore | +92 344 4851711



PVC & RUBBER WATERSTOPS

A Product of **SUPREONE** Rubber and Chemical Industry



Regd. No. 14123018
Certification No. 100561732



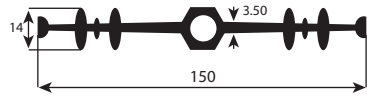
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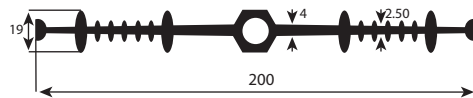
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PVC WATERSTOPS

SO-001



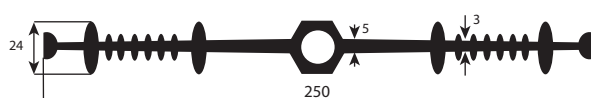
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SO-003



SO-004



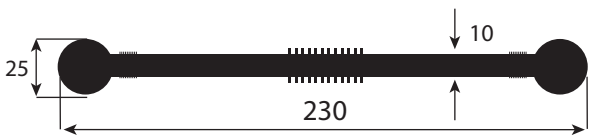
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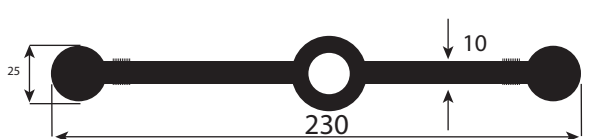
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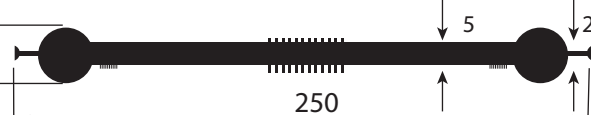
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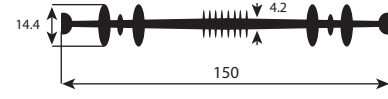


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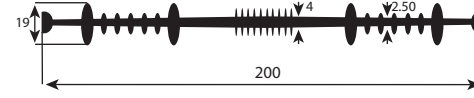


GENERAL PVC WATERSTOPS

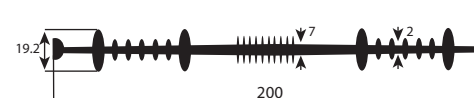
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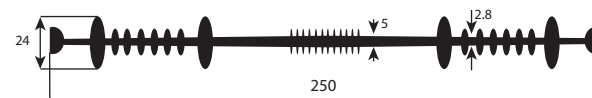
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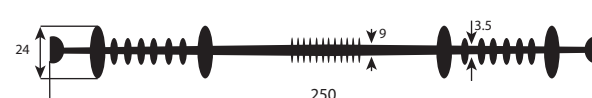
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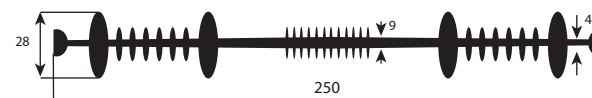
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SO-015



SO-016



SO-017



SO-018



PVC WATERSTOPS

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Feature and Benefits

It is totally free of defects in material handling, workmanship and also it will not brittle or crack due to normal exposure.

- Normal water control applications in shore A-hardness will not effect to its characteristic.
- This will resist normal abrasion and tear failures.
- It will not fail under normal expansion and contraction in joints if it is installed in a professional way as mentioned in installing method.
- Multi-rib design for an effective grip and also provides totally effective water barrier

How to Install

Place waterstops at appropriate position. Make sure that about a half width of it is embedded in the concrete.

Contain about 1.5 times of clear coverage between the waterstop and surround reinforcing steel without any rock pockets and air voids.

Tie the waterstop to surrounding reinforcing steels by threading steel wire to metal eyelets, punched holes or hot rings of waterstops to fix the waterstop firmly. Meanwhile, make sure there is no displacement during fastening.

Pour the concrete and vibrate concrete nearby the joints (especially those under the waterstop) to enhance the contact with waterstops.

Clean debris and dirt of concrete surface after first pour.

Repeat the above methods for a second pour.

SUPER ONE PVC WATERSTOPS PHYSICAL PROPERTIES

PROPERTY	TEST *ASTM	NORMAL VALUE
Water absorption	*D570	0.02%
Tear Resistance	*D624	365 ib./in.
Ultimate Elongation	*D638	300% min
Tensile Strength	*D638	1800psi min
Low Temperature Brittleness	*D746	Passed @ -35 °F/-37 °C
Stiffness in Flexure	*D747	700 psi
Specific Gravity	*D792	1.40
Hardness Shore A15	*D2240	79±3
Accelerated Extraction • Tensile Strength • Elongation • Effect of Alkali • Weight Change • Hardness Change	CRD- C572	CRD- C572 2100 psi 350% +0.10% +1 Point

واٹر سٹاپ کا استعمال

- تعمیراتی صنعت میں واٹر سٹاپ کو واٹر پروفنگ کے لئے استعمال کیا جاتا ہے۔

- واٹر سٹاپ کا استعمال تعمیراتی معیار کو بہتر بناتا ہے۔

- واٹر سٹاپ کنکریٹ جو انٹس کی لیکج کو روکنے اور پائیداری کو برقرار رکھتا ہے۔

- واٹر سٹاپ ڈیزائن، ٹنل، سیوریج ٹینک، ریٹنگ والز، فلٹر والز، بیسمنٹ، سویمنگ پولز اور دیگر کنکریٹ جو انٹس میں استعمال ہوتا ہے۔