

TECHNICAL DATA SHEET - HYDRA PIPE STRAP

DESCRIPTION

HyDra Pipe Strap is a hydrophilic sealing solution designed to prevent water and radon ingress around pipe penetrations in concrete structures. The product is made of synthetic rubber that swells upon contact with water, effectively sealing any gaps or voids between the pipe and the surrounding concrete.

A minimum concrete cover of 100 mm is required for proper installation.

HyDra Pipe Strap is tested up to 2.5 BAR water pressure and has undergone radon testing at IBF.

The product is available in two variants:

Standard: for pipe diameters Ø70–90 mm, Ø110–125 mm, and Ø160–200 mm. There is also a version with a locking strap suitable for use on spacer tubes (not a stock item)



TECHNICAL INFORMATION

Property	Value
Volume expansion in rain water	300 %
Volume expansion in concrete water	250 %
Material	Synthetic rubber (hydrophilic)
Color	Blue
Hardness	35° Shore A
Tensile strenght	> 1,5 MPa
Elongation	> 350 %
Density	1,22 ± 0,03 g/cm ³
Temperature range	-20°C till +75 °C
Weather resistance	Excellent
Chemical resistance*	Good

*= Limited resistance to aromatic oils and strong solvents (contact us if in doubt)

KEY BENEFITS

- **100% watertight up to 2.5 bar**
- **Swells upon contact with water – effectively seals cracks and voids**
- **Tested for radon protection**
- **Quick and tool-free installation**
- **Available in a locking strap version for spacer tubes (non-stock item)**

PRODUCT RANGE

Item.nr	Name	Pcs/crt	Unit
1112097	HyDra Pipe Strap Ø70-90	180	pcs
1112098	HyDra Pipe Strap Ø110-125	180	pcs
1112100	HyDra Pipe Strap Ø160-200	180	pcs

ENVIRONMENTAL & SUSTAINABILITY



BVB ID
51553



STORAGE

Store inside in a dry and cool environment. Keep away from direct sunlight.

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INSTALLATION

1. Place the HyDra Pipe Strap around the pipe, at the location where sealing against the concrete is required

2. HyDra Pipe Strap should be installed in the middle zone of the wall. Gently pull the ends of the strap to ensure it is evenly stretched around the entire pipe. Note: A minimum concrete cover of 100 mm is required for proper sealing performance.



3. Secure the HyDra Pipe Strap by inserting the strap's anchor end into the integrated locking slot. Ensure the closure is properly seated.

4. Verify that the HyDra Pipe Strap is securely fastened before starting the concrete pour.

