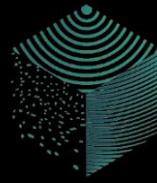


# JOINTSEAL TAPE R

HYDROEXPANSIVE WATERSTOP JOINT BASED  
ON POLYETHYLENE, BUTYL RUBBER, RESIN



## PRODUCT DESCRIPTION

JOINTSEAL TAPE R is a hydroexpansive waterstopper based on polyethylene, butyl rubber, resin, and elastomeric binders. Its unique chemical composition ensures its durability over time. JOINTSEAL TAPE R has excellent mechanical strength, is elastic, and upon contact with water, expands gradually and in a controlled manner. The expansion times have been designed in such a way that fresh concrete can set without undergoing deformations. JOINTSEAL TAPE R maintains its ability to increase its volume even after numerous cycles of hydration and dehydration. It possesses high hydraulic integrity, resisting the hydrostatic pressure of a water column of 120 meters (12 bar).

## CONSUMPTION

1 meter of DRYKOS JOINTSEAL TAPE R per linear meter joint

## AREA OF APPLICATION

- All types of construction joints
- Cast-in-place joints subjected to hydrostatic pressure (approx. 72 bar), both temporary and permanent
- Sealing joints between concrete and concrete, concrete and stone, concrete and masonry
- Foundations, tunnel walls, basements, steel and concrete pipes, prefabricated elements, etc.

## APPLICATION METHOD

The JOINTSEAL TAPE R waterstopper must be laid on the installation surface, made as smooth and even as possible, after careful removal of friable, incoherent, and powdery parts. Fixation is done through nailing: one steel nail every 20-25 cm approximately. The sealing of the joints between the waterstopper ribs is ensured by simply abutting at least 7 cm and not overlapping the ends. The positioning must ensure a coverage of 7 cm on each side by the concrete to contain the expansive action generated by hydration. If the surface where DRYKOS JOINTSEAL TAPE R will be applied is not perfectly smooth, a hydroexpansive polyurethane adhesive (DRYKOS JOINTSEAL T) or the SEALFLEX N sealant must be used to prevent water infiltration beneath the rib. For particularly complex application situations, a steel wire mesh cage is available with a square mesh of 8 x 8 mm, with a length of 7 meters, called DRYKOS JOINTNET. JOINTSEAL TAPE R waterstopper is not suitable for use in contact with saltwater or leachate. In these cases, use the JOINTSEAL TAPE SW waterstopper. For further information, consult our "Technical Service."

## HEALTH AND SAFETY

After application, hands and application tools should be thoroughly washed with water. During the application, the ground should be protected from wind and direct sunlight. The indicated consumption amount is general information and may differ due to application conditions and surface features.

Use gloves, mask, and glasses during the application. For further instructions on a safe use of the product please refer to MSDS.

## STORAGE

Store the product in its original packaging in a cool, dry place away from sunlight.

## WARRANTY

If the product is found to be defective, Drykos liability is limited to replacing the product itself. As Drykos has no control over the use of the product by the user, the latter must ensure that the product is suitable for the intended use, assuming all risks and responsibilities related to it.

## PACKAGING

JOINTSEAL TAPE R - Boxes of 60 m.(10mx6Roll)

## TECHNICAL SPECIFICATIONS

Physical-mechanical properties	Method	Unity of measure	Value
<b>Colour</b>	Red		
<b>Shore A</b>	ISO 868		40
<b>Density</b>	ISO 1183	g/cc	1,20 ± 0,03
<b>Breaking load</b>	ISO 527	N/mm <sup>2</sup>	≥ 3,50
<b>Elongation at break</b>	ISO 527		≥ 650%
<b>Expansion</b>			≥ 500%
<b>Application temperature</b>	ISO 458/2	C°	- 20°C / +50 °C
<b>Chemical resistance to severe attacks by hydrocarbons, H<sub>2</sub>SO<sub>4</sub>, HCl</b>	No defects		
<b>Hydrostatic pressure resistance</b>	12 bar (120 water column)		
<b>Lifespan</b>	unlimited		
<b>Dimensions</b>	Section 10x20 mm – 5x20 mm		
<b>Test certificate</b>	174/3/001 SS UNI E07.04.113.0 (Tecnoprove s.r.l.) Cold analysis Test Report n S08268 Certimac - SQM test reports 310-312- 313/2020		

### PRODUCT CODES

676 - Jointseal Tape R

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