

PO PVC Joint

PVC waterstop with central bulb for expansion joints

Drykos® **PO PVC Joint** is a PVC waterstop with a central bulb, designed for waterproofing expansion and movement joints by internal installation within the concrete pour. The profile, made from high-performance thermoplastic vinyl resins, ensures high elasticity, resistance, and durability, maintaining its characteristics over time even in aggressive environments.

CHARACTERISTICS

Main characteristics

- Central bulb for absorbing structural movements
- High elasticity even at low temperatures
- High tensile and deformation resistance
- Resistance to aggressive chemical agents and groundwater
- Excellent durability and stability over time
- Resistance to UV rays and weathering
- Suitable for infrastructural applications

Fields of use

- Expansion and movement joints
- Concrete structures subject to deformation
- Dams, basins, and reservoirs
- Tunnels and underground works
- Wastewater treatment plants
- Canalization and hydraulic works
- Civil and industrial structures



SPECIFICHE TECNICHE

Packaging

W 150 mm - 25 m roll

W 250 mm - 25 m roll

W 320 mm - 20 m roll

Color

Black.

Appearance

Elastic PVC profile.

Shelf life

The product has no storage limitations if correctly stored.

Storage conditions

Store in original intact packaging, in a dry environment protected from weathering and heat sources.

APPLICATION DATA

Theoretical consumption

1 m per linear meter of joint

Application temperature

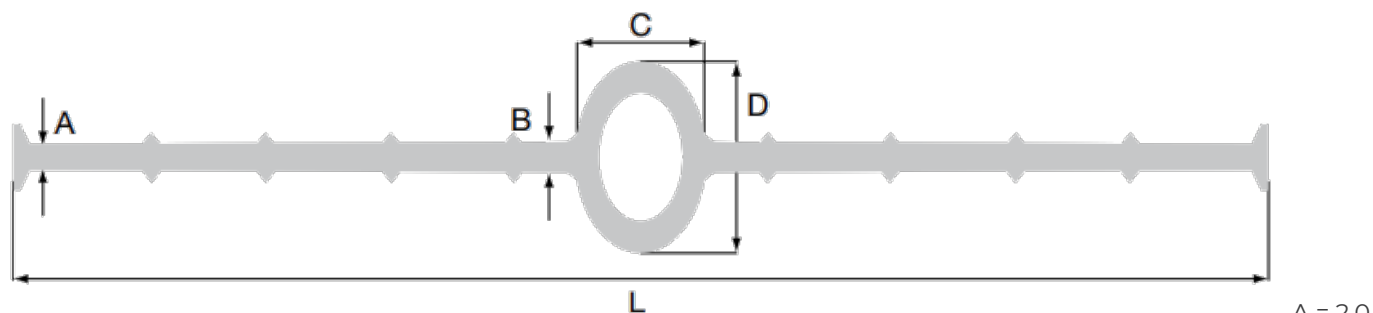
Minimum -30°C | Maximum +70°C

APPLICATION INFO

Application

Drykos® **PO PVC Joint** must be installed internally within the concrete pour, positioning the profile between two successive pours at the joint. The central bulb must be correctly aligned with the movement zone of the joint to allow for the absorption of structural deformations. The lateral fins must be completely embedded in the concrete. The profile should be secured using metal clips or ties to the reinforcement, ensuring stability during the pouring and vibration phases of the concrete. Connections between profiles must be made by heat welding, ensuring the perfect continuity of the waterproofing system.

Drykos® **PO PVC Joint section:**



mm

B = 4.0 mm

C = 25 mm

D = 30 mm

W = 150 mm; 250 mm; 320 mm

Other indications

- Install on correctly prepared and aligned substrates
- Ensure correct positioning of the bulb
- Avoid damaging the profile during installation
- Correctly perform welds between joints
- For anything not covered, contact Technical Support at +39 0171 1874992 or write to info@drykos.com.

TECHNICAL PERFORMANCE

Characteristic	Test method	Standard requirements	Performance
Shore A Hardness	ISO 868		75 ± 3
Specific gravity	ISO 1183		1.38 ± 0.02 kg/L
Tensile strength	ISO 527		12 ± 2 N/mm ²
Elongation at break	ISO 527		300 ± 3%
Low-temperature flexibility	ISO 458-2		-30°C
Flammability	UL94		V-0
Oil resistance			Normal resistance in case of temporary contact; not suitable for long-term immersion

ENVIRONMENT AND SAFETY

Safety

The product is classified as an article and, in accordance with Regulation (EC) No. 1907/2006 (REACH), does not require a Safety Data Sheet. During handling and use, it is nonetheless recommended to use appropriate personal protective equipment, such as gloves and protective eyewear, and to comply with the safety procedures established at the workplace.

Use

Product for professional use.

WARRANTIES AND LEGAL NOTES

Should the product be defective, the liability of Drykos S.r.l. shall be limited solely to its replacement. The information and instructions in this technical data sheet regarding the application and end-use of the products are provided in good faith and reflect current scientific and technical knowledge; however, they do not constitute any guarantee or assumption of liability regarding the final outcome of the work involving their use. Given the variety of operating conditions and external factors beyond the control of Drykos S.r.l. during execution, it is the user's responsibility to verify the product's suitability for the specific application, assuming all risks and liabilities. Drykos S.r.l. reserves the right to modify the properties of its products at any time. Always refer to the most recent version of the product's technical data sheet. This edition cancels and replaces all previous versions. The latest updated technical data sheets are available on our portal at www.drykos.com.



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Last update 03/04/2026

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