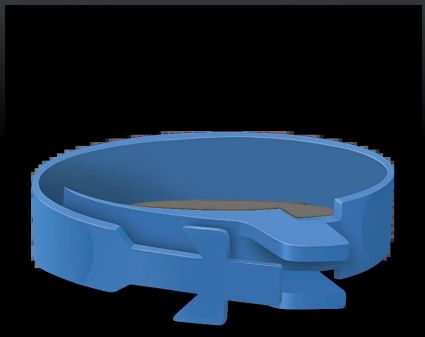
DRYKOS



Pipe-seal

Hydro-expansive elastic gasket for sealing through-pipes in concrete structures

Drykos® **Pipe-seal** is a “belt-type” hydro-expansive elastic gasket, made of special water-reactive rubber, designed for the waterproof sealing of pipes passing through masonry, walls, and concrete structures. Upon contact with water, the hydro-expansive material progressively increases its volume, developing a confinement pressure against the surrounding concrete and the external surface of the pipe. In this way, it helps to seal discontinuities that may form in the pour at the through-pipes, preventing the formation of preferential infiltration paths along the pipe-concrete interface.
Thanks to its preformed geometry and interlocking mechanical closure system, Drykos® **Pipe-seal** can be installed quickly directly onto the pipe before the pour, without additional processing and without the need for complex adhesives or fixings.
The product is available in different sizes, suitable for pipes with approximate diameters of 70-90 mm, 110-125 mm, and 160-200 mm.

TECHNICAL PERFORMANCE

Characteristic	Test method	Standard requirements	Performance
Volumetric expansion in rainwater			300%
Volumetric expansion in alkaline environment			250%
Tensile strength			> 1.5 MPa
Elongation at break			> 350%
Hardness			35 Shore A
Density			1.22 ± 0.03 g/cm³
Maximum hydraulic pressure			5 bar

NOTES

This "light" version of the technical data sheet provides a selection of the product's main descriptive and performance characteristics. While the data contained herein corresponds to our current scientific and technical knowledge, it is indicative and not exhaustive. For complete specifications, detailed technical information, conditions of use, and official updates, please refer exclusively to the full technical data sheet, available in its latest revision at www.drykos.com.

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