

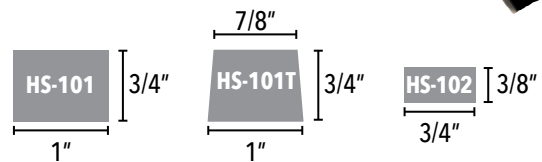
TECHNICAL DATA SHEET

HydroStrip

HS-101, HS101T & HS-102



NSF Certified Standard 61,
Safe for Drinking Water Applications



Applications

For concrete joints in: Manholes, Box Culverts, Double Pours, Containment Structures, Concrete Slabs, Bridge & Deck Abutments, Large Septic Tanks, Wall or Floor Penetrations, Tunnels, Cold Joints, Retaining Walls, Controlled Environment & Utility Vaults, Water & Wastewater Treatment Facilities. **Not intended for use in expansion joints or joints that move.**

Adhesive Sealing Gasket

HydroStrip HS-101, HS-101T & HS-102 Waterstop is a rubber-based product that has been formulated with hydrophilic compounds that allow it to expand in a controlled fashion when exposed to moisture, thereby sealing off leaks and restoring long-term, watertight joint integrity. Traditional, clay-based waterstop products, on the other hand, expand uncontrollably and eventually deteriorate, causing a complete loss of joint integrity.

Hydration-Dehydration Cycle Testing

The test evaluates the integrity of HydroStrip HS-101, HS-101T & HS-102 Waterstop when exposed to cycles of hydration and dehydration. A cycle consists of nine days full immersion in water followed by five days air-drying. HydroStrip HS-101, HS-101T & HS-102 showed no visible signs of deterioration at the conclusion of 10 cycles of exposure.

PHYSICAL PROPERTIES OF BUTYL RUBBER HYDROPHILIC

Typical Properties	ASTM Method	Typical
Color:	Black	
Specific Gravity:	ASTM D71	1.35 ± 5
Hydrocarbon Content:	ASTM D4	47% min.
Volatile Matter:	ASTM D6	1% max.
Penetration, cone 77°F, 150 gm. 5 sec.:	ASTM D217	40 ± 5
Application Temperature Range:		-10°F to 125°F (-22°C to 52°C)
Service Temperature Range:		-30°F to 180°F (-34°C to 82°C)

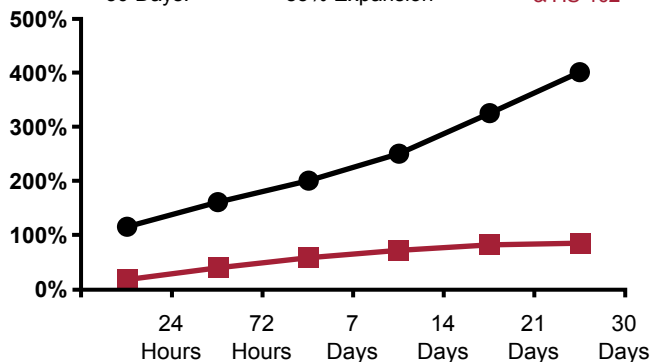
IMMERSION TESTING

FRESHWATER EXPOSURE RESULTS:

24 Hours:	15% Expansion
72 Hours:	40% Expansion
7 Days:	55% Expansion
14 Days:	70% Expansion
21 Days:	80% Expansion
30 Days:	85% Expansion

—●— Clay-based

—■— HS-101, HS-101T & HS-102



Limited Warranty

This information is presented in good faith, but we cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combinations for their own purposes. It is the users' responsibility to satisfy himself as to the suitability and completeness of such information for this own particular use. We sell this product without warranty, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of this product, whether used alone or in combination with other products.

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Founded in 1989, BoMetals has become an industry leader in the design and manufacture of concrete and masonry accessories.