

## TECHNICAL DATA SHEET

# HydroStrip

### HS-101 & HS101T

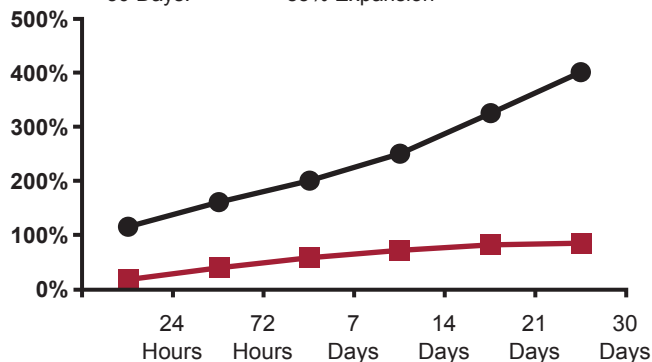
#### PHYSICAL PROPERTIES OF BUTYL RUBBER HYDROPHILIC

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

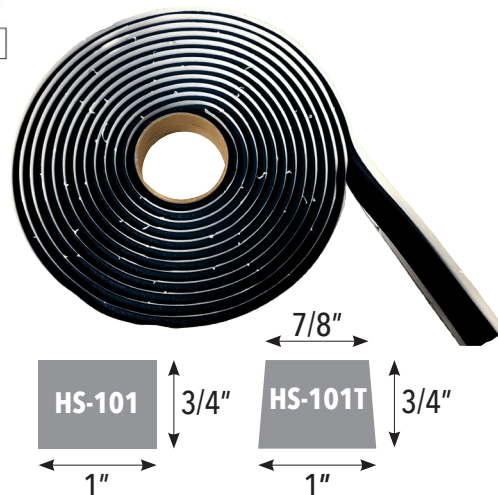


#### Limited Warranty

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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 and HS-101T 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 and HS-101T 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 and HS-101T showed no visible signs of deterioration at the conclusion of 10 cycles of exposure.

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