

# MASTECH

# BUTYL JOINT SEALANT

Special Formulation For All Precast Concrete Elements



## TECHNICAL DATA SHEET

Mastech Butyl Joint Sealant is a rubber based high performance, permanent adhesive and flexible sealants with the rope forms. Mastech butyl sealants are suitable for the reliable and long lasting sealing of joints, cracks, seams and overlapping in the entire construction area. It is flexible, non-hardening, non-drying, non-oxidizing. Butyl Joint Sealant is compatible with concrete, galvanized and coated metals, steel, aluminium, PVC, glass, plexiglas, polycarbonate, wood, fiber cement and many other construction materials.

### Areas of Use

- Precast Concrete
- Panel Structures
- Concrete Pipes
- Box Culverts
- Septic Tanks
- Wet wells
- Irrigation and Drainage Systems
- Stormwater Treatment
- Inlet Structures
- Manholes
- Vaults

Mastech Butyl Joint Sealant meets or exceeds all of the requirements of the following Specifications, Standards and Test Methods; **ASTM C 990**: Specification for Joints for Concrete Pipe, Manholes and Precast Box Sections Using Preformed Flexible Joint Sealants; Section 6.2, Section 10.1. **AASHTO M-198B**: Joints for Circular Concrete Sewer and Culvert Pipe Using Flexible Watertight Gaskets. **SS-S-210 (210 A)**: Federal Specification for Sealing compound, performed plastic for expansion joints and pipe joints

### Features and Benefits

- Excellent adhesion to concrete and wide range of substrates
- Permanently adhesive and flexible
- Non-hardening, non-drying, non-oxidizing
- Excellent chemical and UV resistance
- 100% solid to keep its volume, non-cracking, non-crumbling
- Long service life
- Available in a variety of size and widths
- Silicone backed release paper for easy installation
- Needs no special handling
- No primer is required
- Not contain any solvents, bitumen, tar, asbestos, etc.
- Non-Toxic

Dimensions* (inches)	Dimensions* (metric)	Roll Length feet (meter)	Rolls Per Carton
3/8" x 3/8"	10 x 10 mm	23 feet (7 meter)	8
3/8" x 5/8"	10 x 15 mm	23 feet (7 meter)	8
3/8" x 3/4"	10 x 19 mm	23 feet (7 meter)	6
3/8" x 1"	10 x 25 mm	23 feet (7 meter)	6
1/2" x 3/4"	13 x 19 mm	23 feet (7 meter)	6
3/4" x 3/4"	19 x 19 mm	17 feet (5 meter)	6
3/4" x 1"	19 x 25 mm	17 feet (5 meter)	6
3/4" x 1 1/2"	19 x 38 mm	17 feet (5 meter)	4

\* Other sizes available upon request

### Typical Physical Properties

Solid Content	100%
Color	Black, Gray
Service Temperature °F (°C)	-40°F to 200°F (-40°C to 93°C)
Elongation	800% min.
Specific Gravity, 77°F (25°C)	1.40
Ductility, 77°F (25°C) cm	10
Cone Penetration 77°F (25°C) cm	65-70 mm
Flash Point C.O.C. °F (°C)	450°F (232°C)

[www.mastechsealants.com](http://www.mastechsealants.com)

[info@mastechsealants.com](mailto:info@mastechsealants.com)

### USA Headquarters

P.O. Box 48033, Tampa, FL 33646

T: +1 (813) 445-5323

### European Headquarters

Alemdağ Cd. Site Yolu, Ak San. Sitesi 2. Kısım  
A Blok No.25 Ümraniye, İstanbul

T: +90 216 533 24 24 F: +90 216 533 30 45