



DATA SHEET

BUTYL19

Premium Grade Butyl Based Sealant For Precast Concrete Structures

Butyl-19 a premium grade butyl based sealant designed to be permanently flexible, tacky, and resistant to moisture and to deterioration by exposure to dilute chemical solutions.



FEATURES & BENEFITS

- AASHTO M-198* ASTM-C-990 Federal Specification* SS
- No Visual Deterioration
- 180° Bend - No Adhesion Loss & No Cracking
- Service Temperature: -40°F to 250°F
- Workability Temperature: 0°F to 120°F
- Faster Installation
- Watertight Joints Hydrostatic Performance ASTM C-990 Sec. 10.1 10 psi for 10 min.
- Meets or Exceeds Industry Specifications
- Chemical Resistance: 30 Day Immersion Testing
- Cold Weather Flexibility at -10°F
- Wide Range of Application Temperature
- Easy Application
- Permanently Flexible, No Shrinkage, Non Corrosive Butyl-19 will not oxidize or harden with aging

Typical Physical Properties

	Typical Values	Test Method
Color	Black	Visual
Specific Gravity	1.25 to 1.35	ASTM D71
Hydrocarbon Content	50% Min.	ASTM C-990
Ash Content	45% - 48%	AASHTO T111
Ductility @77°F	6.0 cm	ASTM D113
Rebound/Recovery @ 77°F	4 -7%	ASTM C 972
@ 32°F	5 -10%	
Compression Index @ 77°F	40 - 55 lbf/in ³	ASTM C 972
@ 32°F	130 -160 lbf/in ³	
Solids Content	99%	ASTM D6
Elevated Temperature Flow	No sag or shape change after 14 days @ 158°F	ASTM C766
Adhesion after impact	No loss of adhesion	ASTM C990
Cone Penetration @ 77°F	55 to 85	ASTM D217
Chemical Resistance	No visible change after 30 days immersion in 5% solutions of HCl, H ₂ SO ₄ , NaOH, KOH, H ₂ S	SS-S-210 SS-S-21A Sec. 3.6
Low Temperature Flexibility	No cracking or adhesion loss at -10°F	ASTM C765
Application Properties		
Service Temperature Range	-40°F to 250°F	
Application Temperature:	20°F to 120°F	
Storage:	Under 120°F	
Shelf Life:	Two years minimum	

NOTE: The foregoing information is published as general information only. The listed properties and performance characteristics are approximate values and are not part of the product specification.

BASIC USE

- Flexible rope gasket for sealing precast concrete.
- Self-sealing joints in Manholes, Septic Tanks, Box Culverts, Concrete Pipe, Concrete Vaults, Utility Vaults, Vertical Panel Structures.

INSTRUCTIONS

All installations surfaces must be clean and dry. Primer is recommended for damp concrete and installations below 40°F.

LIMITATIONS

Not recommended for use with oils or hydrocarbon solvents.

HEALTH & SAFETY

Users must follow individual product data sheet and Material Safety Data Sheet (M.S.D.S.) for health and safety precautions. Always use protective eyewear.

APPROVALS

Meets requirements of ASTM C990-96 Section 6. * AASHTO M-198 and Federal Specifications: SS-S-210, SS-S210A with the exception of flash point and fire point.

PACKAGING

Butyl-19 Butyl Rope Gasket is supplied in roll form on easy release liner

Disclaimer. All figures shown above represent typical test results in laboratory conditions, and are given without guarantee since the conditions of use are beyond the control of our company. It is the customer's responsibility to satisfy themselves that the product is fit for the purpose for which they intend to use it and that the actual conditions of use are suitable.

Limited Warranty. For a period of six months from the date of first sale, FOAM Sealant Pty Ltd warrants this product to be free from defects in materials and workmanship. Our only obligation will be to replace any portion proving to be defective, or at our option, to refund the purchase price thereof. The user assumes all other risk if any, including the risk of injury, loss or damage, direct or consequential arising out the use, misuse or inability to use this product. This warranty is in lieu of the warranties of merchantability, fitness for particular purpose and all other warranties expressed or implied. No deviation is authorised.