

# Bidco C-56 Sealant

## Data Sheet & Installation Instructions

Bidco C-56 Joint Sealant is custom engineered to meet the most exacting standards of the precast concrete industry. C-56 remains flexible and forms a permanent bond to a wide variety of substrates including concrete, metals and plastics.

Adhesion and cohesion at the time of installation are excellent and actually improve after the joint has been formed and placed into service. This sealant is designed not to shrink, oxidize or harden and has excellent resistance to temperature extremes, acid and alkaline environments.

C-56 Joint Sealant is designed to fully comply with current ASTM Standards and Specifications as required by Federal, State, and Local agencies for use by the precast concrete industry and contractors.

### Product Features:

- Available in strip or coil form
- Crush-proof packaging
- Non-stick, non-tear plastic backing

### Primary Applications:

- Concrete Pipe
- Septic Tanks
- Wet Wells
- Box Culverts
- Utility Vaults
- Burial Vaults
- Sanitary & Storm Sewer Manholes
- Concrete Wall Panel Systems

### Bidco C-56 Meets or Exceeds:

- Federal Specifications SS-S-210 A "Sealing Compound, Preformed Plastic for Pipe Joints", Type 1, Rope Form
- ASTM Designation C-990

| Coils          |               |                 |                   |                             |
|----------------|---------------|-----------------|-------------------|-----------------------------|
| Width & Length | Cross Section | Pieces Per Ctn. | L.F. Per Per Ctn. | Pallet Size # of Ctns./lbs. |
| .5" x 21.0'    | oval          | 10              | 210               | 45 ctns./24 lbs.            |
| .75" x 14.5'   | .66 x .66     | 10              | 145               | 45 ctns./36 lbs.            |
| 1.0" x 14.5'   | .88 x .88     | 8               | 116               | 45 ctns./50 lbs.            |
| 1.25" x 14.5'  | .875 x 1.375  | 5               | 72.5              | 45 ctns./49 lbs.            |
| 1.5" x 10.0'   | 1.125 x 1.50  | 5               | 50                | 45 ctns./47 lbs.            |
| 2.0" x 10.0'   | 1.50 x 2.0625 | 4               | 40                | 45 ctns./68 lbs.            |



| Technical Specifications             |               |             |                  |
|--------------------------------------|---------------|-------------|------------------|
| CHEMICAL COMPOSITION                 | SPECIFICATION | REQUIREMENT | NPC BIDCO C-56   |
| Content of Hydrocarbon — % by weight | ASTM D4       | 50 min.     | Meets or Exceeds |
| Inert Mineral Filler — % by weight   | AASHTO T III  | 30 min.     | Meets or Exceeds |
| Volatile Matter — % by weight        | ASTM D-6      | 2.0 max.    | Meets or Exceeds |
| PHYSICAL PROPERTIES                  |               |             |                  |
| Specific Gravity                     | ASTM D-71     | 1.15 - 1.40 | Meets or Exceeds |
| Ductility                            | ASTM D-113    | 5.0 min.    | Meets or Exceeds |
| Softening Point                      | ASTM D-36     | 320° min.   | Meets or Exceeds |
| Penetration @ 77° F                  | ASTM D-217    | 50 - 210    | Meets or Exceeds |

#### Surface Preparation:

Joint surfaces should be clean and dry. Due to the high adhesive quality of Bidco C-56 Sealant, priming of the joint surface is usually not required. In case of wet or unusually demanding applications, it is recommended that an adhesive primer be applied to the joint surface and allowed to dry before application of the Sealant.

#### Installation Instructions:

The size (cross-section) of C-56 required for a specific joint is determined by the annular space resulting in a fully sealed joint. The joint must be coupled with sufficient compression to form a proper watertight seal.

C-56 bonds instantly to joint surfaces and to itself. Always butt ends of preformed sealant together. Never overlap!

Leave protective plastic backing on sealant during application and remove when joint is ready for coupling.