

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

AASHTO Designation M-198 75 I, Type B, Flexible Plastic Gasket (Bitumin)

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.

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.

TECHNICAL SPECIFICATIONS

Chemical Composition	Specification	Requirement	NPC BIDCO C-56
Content of Hydrocarbon - % by weight	ASTM D4	50 min	Meets or Exceeds
Inert Mineral filter - % by weight	AASHTO T III	30 min	Meets or Exceeds
Volitile Matter - % by weight	ASTM D-6	20 max	Meets or Exceeds
Physical properties	Specification	Requirement	NPC BIDCO C-56
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

