

TRELLEBORG C-56 BUTYL RUBBER ROPE SEALANT



**TRELLEBORG C-56 BUTYL RUBBER ROPE
SEALANT TECHNICAL DATA SHEET**



Trelleborg C-56

Remains flexible and forms a permanent bond to a wide variety of substrates including concrete, metals and plastics



KEY FEATURES & BENEFITS

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

DESIGN & FUNCTION

Trelleborg C-56 is custom engineered to meet the most exacting standards of the precast concrete industry. It 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.

Trelleborg C-56 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.

PRIMARY APPLICATIONS

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

COILS

WIDTH & LENGTH (inches/mm)	CROSS SECTION (inches/mm)	PIECES Per Ctn.	L.F. PER Per Ctn./Meters	PALLET SIZE # of ctns./lbs./kg
.5" x 21.0/ 13 mm x 6400 mm	oval	10	210/64 m	45 ctns./24 lbs./11 kg
.75" x 14.5/ 19 mm x 4420 mm	.66 x .66/ 16.8 mm x 16.8 mm	10	145/44.2 m	45 ctns./36 lbs./16 kg
1.0" x 14.5/ 25 mm x 4420 mm	.88 x .88/ 22.4 mm x 22.4 mm	8	116/35.4 m	45 ctns./50 lbs./23 kg
1.25" x 14.5/ 32 mm x 4420 mm	.875 x 1.375/ 22.2 mm x 34.9 mm	5	72.5/22.1 m	45 ctns./49 lbs./22 kg
1.5" x 10.0/ 38 mm x 3048 mm	1.125 x 1.50/ 28.6 mm x 38.1 mm	5	50/15.2 m	45 ctns./47 lbs./21 kg
2.0" x 10.0/ 51 mm x 3048 mm	1.50 x 2.0625/ 38.1 mm x 52.4 mm	4	40/12.1 m	45 ctns./68 lbs./31 kg

INSTALLATION INSTRUCTIONS

Joint surfaces should be clean and dry. Due to the high adhesive quality of Trelleborg C-56, 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.

The size (cross-section) of Trelleborg 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.

Trelleborg 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.

APPROVALS & STANDARDS

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

TECHNICAL SPECIFICATIONS

CHEMICAL COMPOSITION	SPECIFICATION	REQUIREMENT	TRELLEBORG 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	SPECIFICATION	REQUIREMENT	TRELLEBORG 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



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