

Physical Properties

Appearance Semi-solid	Maximum VOC <5 g/l	Softening Point (ASTM D 36) 320°F
Ductility @ 77° F, 5cm/min (ASTM D113) Min. 5.0	Penetration @ 77°F (150g 5 sec) (ASTM D217) Min. 50 - Max. 120	Specific Gravity @ 77° F (25°C) (ASTM D71) Min. 1.20 - Max. 1.35
Flash Point, C.O.C. (ASTM D92) Min. 600°F		

Approvals and Certifications

Meets or exceeds all requirements of **ASTM C990 Standard Specification** for joints, concrete pipe, manholes and precast box sections, using Preformed Flexible Joint Sealants.

Meets requirements of **Federal Specifications SS-S210-A**, "Sealing Compound Preformed Plastic For Pipe Joints", Type 1, Rope Form.

Usage

Flexible Plastic Gaskets for sealing the following Precast products, regardless of size or shape:

- Storm Sewer Pipe
- Box Culverts
- Manhole Risers
- Septic Tanks
- Utility & Burial Vaults
- Wet Wells

Application

Vertical Application:

1. Apply one brush coat of **Ram-Nek Primer** to concrete surfaces to be sealed. Primer is recommended but not required unless conditions are wet.
2. Remove protective wrapper on one side only of preformed **Ram-Nek** coil and press firmly to the dry, clean joint surface. Leave the outside wrapper in place to protect the gasket and keep it from stretching.
3. Remove protective wrapper from **Ram-Nek** gasket and set next section. Each unit is forced "home" by its own weight, compressing **Ram-Nek** to tightly pack and immediately seal the joint. "Squeeze out" is visible proof of a watertight joint.
4. After last section is set and fully "seated", the installation is complete. Backfilling and compaction can start immediately.

Horizontal Application:

1. Trench conditions shall be such that pipe jointing can be accomplished without getting mud, silt, gravel or other foreign materials into the joint. Generally, the trench should be dewatered and have a firm bottom free of muck.
2. Remove protective wrapper on one side only of preformed **Ram-Nek** coil and press firmly to the dry, clean joint surface. Before laying the pipe in the trench, attach the gaskets end-to-end to the leading edge of the tongue or groove of each pipe joint, forming a continuous gasket around the circumference. Remove the protective wrapper before joining pipe sections.
3. After the gasket is applied, the pipe should be handled carefully to avoid displacing or soiling of gasket. Any gasket so disturbed should be replaced.
4. The pipe should be properly aligned before joints are forced home. For tongue and groove pipe, the pipe should be partially

supported to maintain concentricity until the gasket is properly compressed in the joint space and sufficient pressure applied to make sure that the joint is properly made.

5. Backfilling and compaction can begin when jointing is completed.

Product Sizes

9 (.75in x 14.5ft) COILS/CASE
5 (1.25in x 14.5ft) COILS/CASE

8 (1in x 14.5ft) COILS/CASE (46.8

5 (1.5in x 10.5ft) COILS/CASE (49