

Physical Property	Typical Value	Test Method
Appearance	Black, semi-solid	-
Specific Gravity @ 77 °F	1.20 - 1.35	ASTM D71
Flash Point	>390 °F	ASTM D92
Ductility @ 77 °F	>5.0 min	ASTM D113
Cone Penetration @ 77°F (150 g, 5 sec)	50-120 dmm	ASTM D217
Application Temperature	>25 °F	-
VOC	<5 g/L	-

## Description

**Henry® Rubr-Nek® LTM** is a butyl rubber base flexible gasket-type sealant for utility vaults, sewer manholes, waste water structures, storm sewer pipe and culverts, wet wells, etc. It stays flexible down to -15 °F and is easily applied in temperatures as low as 25 °F. **Rubr-Nek® LTM**'s formulation of 100% solids with top-quality partially vulcanized butyl rubber provides exceptional shape retention, in combination with outstanding adhesion and cohesion. The material does not shrink, harden or oxidize, and retains compressibility throughout a wide range of deflections occurring over periods of time. **Rubr-Nek® LTM** meets Federal Specification SS-S-210 (210-A) and ASTM C990-09.

## Application

**Clean:** Joint surfaces should be clean and dry. For maximum bond strength on horizontal pipe installations, use **Rubr-Nek® Primer** before installing **Rubr-Nek® LTM**. (On vertical installations, the primer is not normally required).

**Prep:** Trench conditions shall be such that pipe jointing can be accomplished without getting mud, silt, gravel or other foreign matter into the joint. In general, this means that the trench should be adequately dewatered with a firm bottom free of muck.

**Rubr-Nek® LTM** is quickly installed and no special tools are needed. It bonds instantly to joint surfaces and to itself, and is quickly formed into a continuous seal around the circumference or perimeter of the joint area.

A **Rubr-Nek® LTM** coil of proper size is removed from the carton and positioned on the joint and pressed in place. If necessary, a second coil is butted end-to-end against the first, and the procedure continued around the circumference or perimeter of the joint area. All protective paper wrappers can be left in place until just before coupling the joint in the ditch.

**Placement on the Joint:** Dimensions and configurations of the precast concrete joint, and the tightness of the joint when "homed" determine the volume of sealant needed, and its position on the joint.

**Backfilling:** Backfilling can begin as soon as jointing has been completed.

**Handling:** Pipe handling after **Rubr-Nek® LTM** has been affixed shall be carefully controlled to avoid bumping the gasket and thus displacing it, or covering it with dirt or other foreign material. Any gasket so disturbed shall be removed and replaced.

**Pipe Alignment:** Care shall be taken to properly align the pipe before joints are forced home. During insertion of the tongue – in the case of tongue and groove pipe – the pipe shall be partially supported to maintain concentricity until the plastic gasket is properly compressed in the joint space.

**Pull-up or Push-up Pressure:** Sufficient pressure shall be applied in making the joint to assure that the joint is properly jointed.

## Packaging

- 12 (1/2in x 21.75ft) Coils/Case
- 8 (.75in x18ft) Coils/Case
- 6 (1in x 14.5ft) Coils/Case
- 4 (1.5in x10.5ft) Coils/Case
- 5 (1.25in x14.5ft) Coils/Case
- 4 (2in x 7.5ft) Coils/Case

## Henry Rubr-Nek® LTM

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Covered by US patent 6,901,712; Canadian patent 2,413,550.

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