Say good-bye to the Butyl Rope and External Wrap! Say hello to fast, clean, simple installation.

The unique design of the Tylox® SuperSeal™ gasket, in combination with a rounded-corner, single-offset joint box design, now offers the advantages of watertight jointing and reduced installation time to users of concrete box culverts.

- **Requires minimal field installation time.** Since the Tylox® SuperSeal™ gasket is installed on the box culvert at the point of manufacture, installation is as simple as lowering the box section into position and then homing it. No messy, time-consuming, butyl rope and/or external wrap to install.

- **Requires no field lubrication.** The Tylox® SuperSeal™ gasket has a layer of silicone lubricant installed on the inner surface of the tube during the manufacturing process, saving contractors time and money on the jobsite.

- **Self-Contained Lubricant.** Sealed within the tube, the lubricant is impervious to mud, dirt and debris. No special handling is required.

- **Enhanced UV Resistance.** Since the gasket is installed on the box culvert at the point of manufacture, the gasket may sit exposed to the harmful effects of sun-light for extended periods of time. All Tylox® SuperSeal™ box culvert gaskets are manufactured from synthetic rubber compounds engineered for enhanced Ozone and U.V. resistance.

- **Full specification compliance.** All Tylox box culvert gaskets meet the material requirements of ASTM C1677 and C1619, and CSA A257.3, for either “Standard” or “Oil-Resistant” applications.

- **Self-Centering.** The box culvert bell is self-centered on the spigot due to the forces generated as the tube rolls into the annular space during the homing process.

- **Readily Available.** Tylox® SuperSeal™ gaskets are available for all common combinations of annular and total annular spaces, and can be manufactured to suit any box culvert size.

Making Infrastructure Watertight Today for a Greener, Sustainable Tomorrow
Materials and Identification
Tylox® SuperSeal™ box culvert gaskets are manufactured from synthetic rubber compounds to meet the material requirements of ASTM C1677 and C1619, and CSA A257.3.

The applicable specification(s) and usage mode for a particular gasket are identified by a colored stripe around the periphery of the gasket:

**Standard**
- ASTM C1677, C1619 C, CSA A257.3: White Stripe
- California Greenbook: Green Stripe

**Oil-Resistant**
- ASTM C1677, C1619 D, CSA A257.3: Orange Stripe
- Nitrile rubber: Yellow Stripe
- ASTM C1677, C1619 D, CSA A257.3: Yellow Stripe

The above listing covers the standard, North American specifications. Gasket materials are available to meet many other specifications. Please consult your Hamilton Kent representative regarding materials to meet your particular specifications.

**Pressure Rating**
Box culverts with Tylox® SuperSeal™ gasketed joints have been designed and field tested to exceed the watertight requirements (5 psig) of ASTM C1677.

Specific joint designs have been tested up to 13 psig to meet ASTM C443. Please consult your Hamilton Kent representative regarding your application requirements.

**Use of the Tylox® SuperSeal™ gasket requires that the box culvert be constructed with a round-cornered, bell and spigot with a single-offset joint design.**

**Plant Installation of gasket onto spigot**

1. Brush loose dirt and debris from spigot and gasket, and ensure spigot is free from cracks, chips, or other defects.

2. Stretch gasket around spigot, with nose against step. Ensure gasket splice is placed in middle of bottom span of the joint.

3. Equalize the gasket tension around the perimeter of the spigot by pulling the gasket towards all four corners away from the sides and spans.

4. Glue must be dry before shipment. Apply on entire flat portion of bottom span, and center part of sides and top for a length of 1 ½ times (in in.) the rise or span (in ft); e.g., 6’ rise, apply 9” strip of glue. No gluing corners. At each rise or span, roll gasket up unto step of spigot and apply approx. 1” wide (max.) strip of glue next to step. Roll gasket back into place while ensuring gasket rolling tube does not touch glue.

5. To prevent sagging on bottom span, use a long board and clamp gasket body to spigot until glue has set.

6. Once the glue has dried, the boxes are ready for shipment. No lubrication or equalization at job site.

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