



TSS Series

**Tylox® SuperSeal™ Pre-lubricated Gaskets for
Single Offset Joints on Concrete Manhole**

***Say good-bye to the lube bucket and brush.
Say hello to fast, clean, simple installation.***

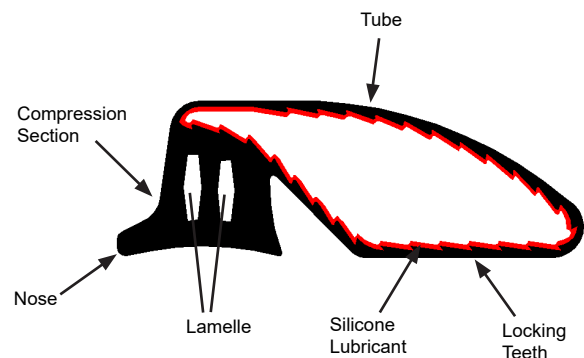
The unique design of the Tylox® SuperSeal™ manhole gasket is bringing a cost-saving revolution to the field of concrete manhole gasketing and installation.

- ***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 you time and money on the jobsite.
- ***Elimination of unsafe installation practices.*** Since the Tylox® SuperSeal™ manhole gasket requires no lubrication, the unsafe practice of standing beneath a suspended riser section in order to lubricate the bell I.D. is no longer required.
- ***Self-Contained Lubricant.*** Sealed within the tube, the lubricant is impervious to mud, dirt and debris. If you drop it in the trench, simply wipe the gasket surface clean and you're ready to install. No special handling is required.
- ***No equalization required.*** Due to the reduced gasket stretch requirement of the unique lamelle/rolling-tube design, the Tylox® SuperSeal™ gasket requires no equalization after installation. A quick and easy installation means you save even more time and money.
- ***No gasket "roll" or "twist".*** Another benefit of the unique lamelle/rolling-tube design is the drastic reduction in insertion forces, virtually eliminating the gasket "roll" and "twist" associated with o-ring and standard profile gaskets.
- ***Self-Centering.*** The manhole bell is self-centered on the spigot due to the forces generated as the tube rolls into the annular space during the homing process.



Tylox® SuperSeal™ gaskets are available for all common combinations of annular and total annular spaces and can be manufactured to suit any manhole size.

Tylox® SuperSeal™ manhole gaskets are available in a variety of rubber compounds, to meet or exceed the material requirements of ASTM C443, ASTM C1619, California Greenbook, and CSA A-257.3.



***Making Infrastructure Watertight Today
for a **Greener**, Sustainable Tomorrow***

Available Models					
Model	Body Height	Body Width	Total Width	To Suit * Annular Space	
				Total	Small
165	0.682	0.791	1.780	0.446	0.146
166**	0.680	0.780	1.615	0.446	0.094
170	0.682	0.808	1.290	0.446	0.126
175	0.697	0.833	1.398	0.446	0.146
176**	0.735	0.825	1.520	0.446	0.094
200L	0.885	1.049	2.549	0.500	0.175
225	0.914	1.085	2.787	0.525	0.175
226**	0.850	1.048	2.318	0.525	0.094

* For informational purposes only. Consult your Hamilton Kent representative for sizing to suit your specific joint details.
** These models do not have locking teeth in the rolling tube.

Materials and Identification

Tylox® SuperSeal™ manhole gaskets are manufactured from a variety of synthetic rubber compounds to meet the material requirements of ASTM C443 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 C443, C1619 Class C and CSA A257.3	White Stripe
ASTM C361, C1619 Class A California Greenbook	Blue Stripe Green Stripe

Oil-Resistant

ASTM C443, C1619 Class D and CSA A257.3 - Nitrile rubber	Orange Stripe
ASTM C443, C1619 Class D and CSA A257.3 - Neoprene rubber	Yellow Stripe

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

Pressure Rating

Tylox® SuperSeal™ gaskets are suitable for use in systems with up to 13 psig (30 ft Head) pressure requirements.



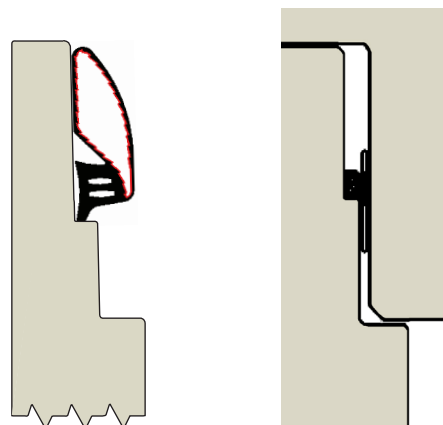
Higher head pressures have been obtained with certain joint designs. Please consult your local Hamilton Kent Representative for gasket selection to meet your specific requirements.

Installation

1. Ensure that bell and spigot are free from cracks, chips, or other defects.
2. Brush loose dirt, debris and foreign material from the inside surface of the bell, the spigot and the gasket.
3. Stretch gasket around the spigot, with the nose against the step, and the tube laying flat against the spigot.
4. Do not lubricate the gasket or joint as this could adversely affect the performance of the gasket and the joint.
5. Align the spigot with the bell, ensuring that the gasket is in contact with the bell around the complete periphery, then allow the manhole section to home under its own weight.

The homing process will cause the lubricated tube to roll over the compression section, allowing the manhole section to slide downward.

Once fully homed, the compression section seals the total annular space and the rolling tube comes to rest within the small annular space, acting as a cushion against side loads.



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