



Tylox[®] SORT

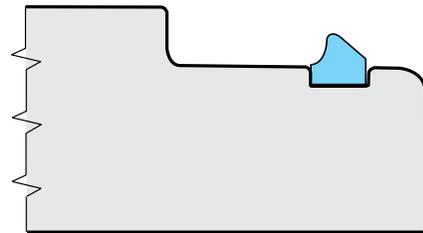
Tylox[®] Profile Gasket for O-ring Pipe Joints

Enhanced Performance Ease of Installation!

Designed to replace O-ring gaskets for sealing grooved-jointed concrete sewer pipe, the SORT Series offers considerable benefits in ease of installation, time-saving, and enhanced sealing capability.

Benefits of the SORT Series of gaskets include:

- The SORT gasket shape provides lateral stability during homing process. Gasket will not “roll” out of groove causing bell breakage and/or mis-alignment and leakage. The gaskets shape also excludes the possibility of gasket twist, eliminating the potential for bell “roll-back” and potential leakage. *For these reasons, SORT gaskets are ideal for use in jacking applications.*
- Reduced installation time and effort due to reduction in homing force provided by the profile gasket shape. Reduced homing force means less “stretch” on the gasket, which means less effort involved in installing and equalizing. The gasket is also installed “un-lubed”, meaning easier, faster installation.
- Reduced installation time due to elimination of requirement for lubricating of spigot groove, and full gasket area prior to installation. Gasket need only have the upper surface lubricated, after insertion in the groove.
- Profile gasket design provides more sealing area, in low deformation situations (applied side-loads) and also offers enhanced sealing capabilities around bug-holes and defects in the spigot/bell sealing area, when compared to a traditional O-ring.

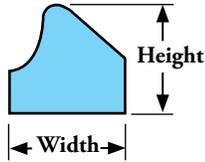


The SORT Gasket is designed to sit squarely in the O-ring groove.

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

Available Models			
Part	Gasket Dimensions		To Suit
	Height	Width	
3 SORT	0.635"	0.865"	0.343"
4 SORT	0.656"	0.790"	0.350"
5 SORT	0.700"	0.770"	0.375"
8 SORT	0.830"	0.700"	0.450"
8 SORT-2	0.875"	0.910"	0.475"
10 SORT	1.000"	0.880"	0.555"

* For guideline purposes only. Please consult your Hamilton Kent Representative for sizing to suit your specific joint dimensions.,



Materials and Identification

Tylox® SORT gaskets are manufactured from a variety of synthetic rubber compounds, to meet the material requirements of ASTM C361, ASTM C443, ASTM C1619, California Greenbook and CSA A257.3.

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

Standard

C443, A257.3, C1619 Class C	White Stripe
C361, A257.3, C1619 Class A	Blue Stripe
California Greenbook	Green Stripe

Oil-Resistant

C1619 Class D, A257.3, Nitrile	Orange Stripe
C1619 Class D, A257.3, Neoprene	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

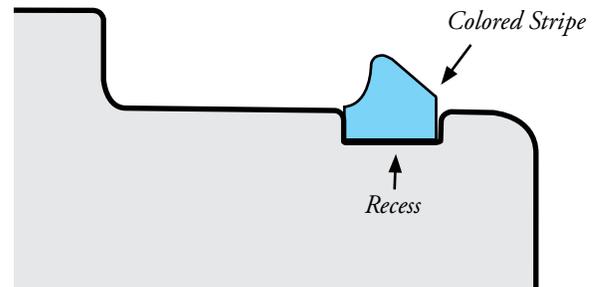
Tylox® SORT gaskets are suitable for use in systems with up to 13 PSIG (30 ft Head) pressure requirements.

Higher head pressures may be possible with a custom design. Please consult your Hamilton Kent representative regarding 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 bell, the spigot and the gasket.
3. Stretch gasket over spigot and snap gasket into position, with the colored stripe facing toward the end of the spigot (away from the offset step).



4. Using a suitable tool, equalize tension in gasket around the full circumference of the spigot.
5. Ensure rear of gasket is seated firmly against the rear of recess, around the full circumference of the spigot.
6. Thoroughly lubricate the gasket and the inner surface of the bell with an appropriate grade of Tylox® pipe gasket lubricant. *(For gaskets rated for "Standard" usage, Hydro-carbon based lubricants must not be used, as these have a detrimental effect on the gasket material and the joint's watertight rating.)*
7. Align the spigot with the bell, ensuring that the gasket is in contact with the bell around the complete periphery, then thrust pipe home using suitable manual or mechanical means.

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