

# Shurjoint Lubricants



- **Shurjoint EHC Lubricant**
- **Shurjoint 550H Lubricant**

**Shurjoint Lubricants are recommended for proper gasket installation to prevent the gasket from being pinched and to provide a protective barrier which will extend gasket life.**

## Shurjoint EHC Lubricant

Shurjoint EHC Lubricant is a High Consistency Silicone based NSF 61 approved lubricant that provides improved lubricity in extreme hot and cold conditions. This lubricant has a serviceable consistency of -40° to 400°F (-40° to 204°C). The EHC lubricant is translucent and is white in color, is odorless, and is resistant to a variety of organic and inorganic chemicals. It is highly recommended for extreme temperatures such as when system temperatures can fall below 32°F (0°C) or rise above 150°F (65°C). It is also recommended for use with Shurjoint HDPE coupling gaskets and copper system gaskets. The Shurjoint EHC lube is waterproof and will not wash out in high temperature systems or dry out in dry systems.



## **Low Temperature**

Gaskets, like all substances except water, will shrink when exposed to temperatures below freezing. As gaskets freeze and shrink, they undergo density changes and then reposition themselves on the pipes' sealing surfaces. This process can allow for small imperfections in the pipes' sealing surfaces to become more susceptible to leakage. Shurjoint's EHC lubricant will maintain its lubricity at these temperatures, therefore allowing a properly lubed gasket to reposition itself during these changes.

## **High Temperatures**

Gaskets will also expand during high temperature cycles. Although there is less likelihood of leakage due to sealing surface imperfections, the gasket will still move with temperature changes. A light coat of Shurjoint EHC will allow the gasket to move and reposition itself during these changes. Applying a light coat inside the gasket will also create a barrier against oxidizing agents or trace chemicals that could become more aggressive under high temperatures.

Shurjoint EHC lubricant is compatible with EPDM and Fluoroelastomer materials. **IT IS NOT TO BE USED WITH SILICONE GASKETS.**

Shurjoint EHC should not be applied to any pipe surface which is to be painted or finished as coatings may not adhere to silicone treated surfaces.

Shurjoint Lubricants can be applied manually to a clean dry gasket using a brush, or can be applied by hand by using a disposable glove.

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## Shurjoint 550H Lubricant



FBC™ System Compatible indicates that this product has been tested and is monitored on an ongoing basis to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster®, and Corzan® pipe and fittings. FBC™, FlowGuard Gold®, BlazeMaster®, and Corzan® are licensed trademarks of the Lubrizol Corporation.

### Shurjoint 550H Lubricant

Shurjoint 550H Lubricant is acceptable in most standard applications in which the internal or external temperatures will not be susceptible to temperatures below freezing or above 150°F (65°C). It is NSF 61 approved for potable water use and has been a stable lubricant for Shurjoint products for many years.

Shurjoint EHC lubricant is available in 8oz (224g) tubes, or 1qt (2lb / 900g) containers.

Shurjoint 550H lubricant is available in either a 1pt (1lb / 450g), or 1qt (2lb / 900g) containers.