

VISCOTAQ® Flange Protection (atmospheric)

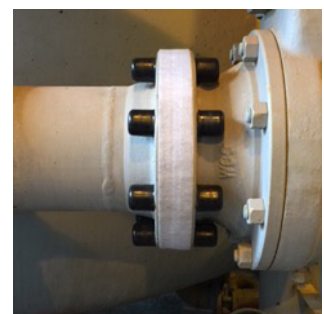
Product description

VISCOTAQ® is a non-crystalline a-polar viscous elastic (viscoelastic) solid polyolefin coating for corrosion prevention of underground and aboveground substrates. VISCOTAQ'S® molecular chemistry is unique and designed in such a way that the viscosity gives it permanent wetting characteristics and the elasticity of the product provides the strength and feeling of a solid. The VISCOTAQ® compound bonds to the substrate by means of Van der Waals principals, penetrating the pores and anomalies of the substrate. The coating remains in intimate contact with the substrate creating an impermeable homogeneous corrosion prevention coating.

General information

The VISCOTAQ® Flange Protection system consist of the VISCOTAQ® VISCOSEALANT in combination with the VISCOTAQ® EZ WRAP to stop corrosion between the flange faces of on onshore and offshore applications. For additional protection of the flange bolts, our Bolt Caps accompanied with the VISCOSEALANT are applied to the nuts and bolts. The VISCOTAQ® system provides a seal that is not affected by vibrations of the pipeline, movements, freeze/thaw, expansion & contraction. The product remains in the same state and can be removed even after many years. VISCOTAQ® is hydrophobic; therefore water intake and water vapor permeability are very low. VISCOTAQ® is non-toxic, contains no VOC's and adheres aggressively to most all surfaces such as steel, PE, epoxies, tar, stainless, aluminum, etc. The result is a long-term corrosion prevention system and a maintenance free solution for many years.

- Wide temperature range for application
- Impermeable to moisture and gases
- Permanent wetting characteristics
- NO primer needed
- SP2 surface preparation (wire brush)
- Inert material, no deterioration over time
- Immediate adhesion to substrate
- Non-toxic, non-flammable
- Non-carcinogenic, no VOC's
- Flexible and pliable
- Does not crack or becomes brittle
- Long-term protection
- No cure time
- Cold applied
- Freeze and thaw resistant
- UV resistant
- Made in the USA
- Manufactured under ISO9001
- Easy to apply
- Patented Technology
- Easy to remove
- Molds and forms easily
- A-polar and rejects water



Materials

- VISCOTAQ® VISCOSEALANT
- VISCOTAQ® EZ Wrap
- AMCORR Bolt Caps (if desired)

Application

Surface preparation

The surface area to be coated should be inspected prior to coating; known defects must be documented and photographed prior to application.

- Minimum surface preparation should be SSPC-SP2 (Hand Tool Clean).
- Once loose materials are removed, clean surface with denatured alcohol or acetone to remove any remaining dust, grease and moisture.
- Surface of the substrate should be 5°F+ above the dew point.
- Keep the working area clean and dry at all times. Avoid the presence of water.

VISCOTAQ® VISCOSEALANT

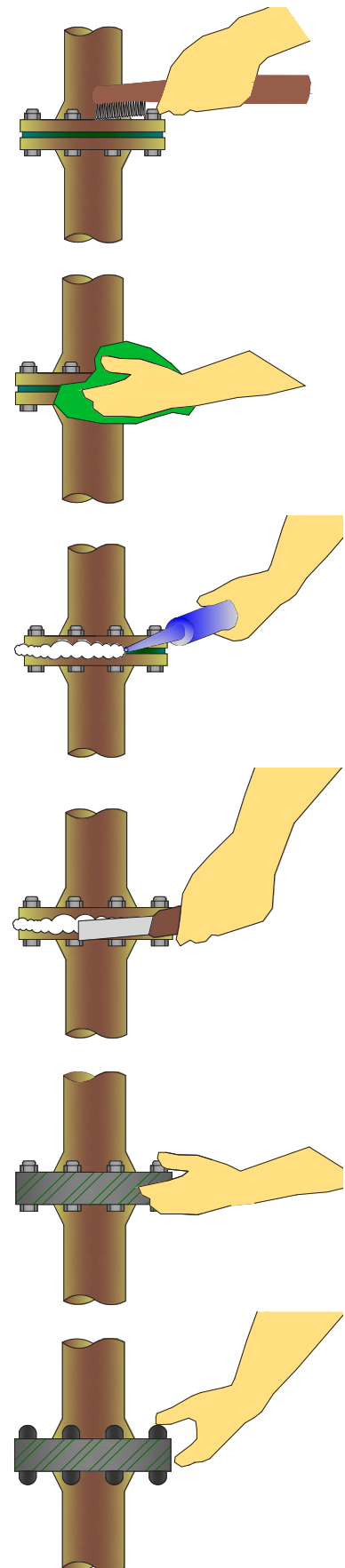
- VISCOSEALANT is to be applied into the void between the flange faces.
- Protect the flange neck with a removable tape in order not to pollute the neck with the VISCOSEALANT.
- For optimum application of VISCOSEALANT, preheat material to 35°C/90°F.
- Inject the VISCOSEALANT into the space between the flange faces around the complete circumference of the flange. (For best results, a battery powered or pneumatic applicator gun is recommended)
- Using a putty knife, push the product into the void and remove excess.
- Dependable upon the flange class and type, a flexible nozzle can be used to better penetrate the flange aperture.

VISCOTAQ® EZ WRAP

- Remove the protective tape on the neck and apply one layer of EZ WRAP over the complete circumference of the flange. Overlap EZ Wrap at least 5 cm/2". A roller may be used to ensure complete adhesion.
- In case the flange neck does not match the width of the EZ WRAP, apply separate wraps in such a way that the circumference overlap between the two wraps is always a minimum 1". Termination of wraps to be staggered.
- Painting of EZ WRAP is recommended.

AMCORR Bolt Caps

- Bolt Caps can be used for protecting the flange nuts and bolts.
- Apply VISCOTAQ VISCOSEALANT into caps before installation.
- Install cap on nut and bolt. Cap should fit snug and a small amount of VISCOSEALANT is commonly displaced from under cap during installation. Caps are specially sized per bolt size.



sales@vcpsales.com
 o. 917.768.4755
 www.vcpsales.com

Trusted Distributor &
 Certified Trainer of the
 Viscotag® Brand