Chemlok® 610 Adhesive

Technical Data Sheet

Chemlok® 610 adhesive is a one-coat, water-based adhesive used to bond a variety of specialty elastomers to metals and textiles. It can also be used as a coating to protect metals against corrosion.

Features and Benefits:

Easy to Apply – low viscosity allows for easy application.

Environmentally Preferred – uses water for dilution; provides reduced VOC emissions.

Elastomers:

- Nitrile (NBR)
- Hydrogenated Nitrile (HNBR)
- Fluoroelastomer (FKM)
- EPDM Polymers - peroxide cure
- Epichlorohydrin (ECH)
- Polyacrylate (ACM)
- Ethylene Acrylic (AEM)

Application:

Mixing – No mixing is required before or during use. If dilution is needed, use deionized water at a 1:1 ratio, by volume.

Applying – Apply adhesive by brush, dip or spray methods. Dip application is preferred to maintain precise control over adhesive thickness.

Drying – Allow applied adhesive to air-dry for 60 minutes at room temperature prior to bonding. Bond coated parts within 3 days after coating.

Cleanup – Use water to remove wet adhesive.

Shelf Life/Storage:

Shelf life is two years from date of shipment when stored by the recipient at 21-27°C (70-80°F) in original, unopened container. Do not freeze product.

Cautionary Information:

Before using this or any Parker LORD product, refer to the Safety Data Sheet (SDS) and label for safe use and handling instructions.

For industrial/commercial use only. Must be applied by trained personnel only. Not to be used in household applications. Not for consumer use.

Typical Properties*	
Appearance	Orange to Red Liquid
Density kg/m^3 (lb/gal)	 982.6 (8.2)
Solids Content by Weight, %	2.5 - 3.0
Flash Point (Seta), °C (°F)	>93 (>200)
Solvents	Deionized Water
pH	10 - 14

*Data is typical and not to be used for specification purposes.

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