

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.

Values stated in this document represent typical values as not all tests are run on each lot of material produced. For formalized product specifications for specific product end uses, contact the Customer Support Center.

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