

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

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)	1000 (8.34)
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.

Information provided herein is based upon tests believed to be reliable. In as much as Parker Lord has no control over the manner in which others may use this information, it does not guarantee the results to be obtained. In addition, Parker Lord does not guarantee the performance of the product or the results obtained from the use of the product or this information where the product has been repackaged by any third party, including but not limited to any product end-user. Nor does the company make any express or implied warranty of merchantability or fitness for a particular purpose concerning the effects or results of such use.

WARNING — USER RESPONSIBILITY: FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

This document and other information from Parker-Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.

The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.

To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.

©2023 Parker Hannifin - All Rights Reserved

Information and specifications subject to change without notice and without liability therefor. Trademarks used herein are the property of their respective owners.

OD DS3153 03/23 Rev.6

Parker Lord
Engineered Materials Group

111 LORD Drive
Cary, NC 27511-7923
USA

phone +1 877 275 5673

www.Parker.com/EPM



ENGINEERING YOUR SUCCESS.