

Chemlok® 610

Technical Data Sheet

Chemlok® 610 is a one-coat, water-based surface treatment used to affix 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 Chemlok 610 by brush, dip or spray methods. Dip application is preferred to maintain precise control over film thickness.

Drying – Allow Chemlok 610 to air-dry for 60 minutes at room temperature prior to bonding. Process coated parts within 3 days after coating.

Cleanup – Use water to remove wet Chemlok 610.

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.

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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.

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Chemlok® 610

技术说明书

Chemlok® 610是一款单涂型水基表面处理剂, 可用于将各种特种弹性体附着至金属和织物, 还可用作金属防腐涂层。

特征和优点:

- 易于涂敷 – 粘度低, 易于涂敷。
- 环保 – 用水稀释; 可降低VOC排放。

Elastomers:

- 丁腈橡胶 (NBR)
- 氯醚橡胶 (ECH)
- 氢化丁腈橡胶 (HNBR)
- 聚丙烯酸酯 (ACM)
- 含氟弹性体 (FKM)
- 乙烯丙烯酸酯橡胶 (AEM)
- 过氧化物硫化的三元乙丙橡胶

使用方法:

- 混合** – 使用前或使用期间无需混合。如需稀释, 使用去离子水以体积比1:1稀释。
- 涂敷** – Chemlok 610可采用刷涂、浸涂或喷涂的涂敷工艺。为精确控制膜厚, 浸涂是首选的涂敷工艺。
- 干燥** – 操作前, 让Chemlok 610在室温下风干60分钟。涂敷后3天内对涂敷零件进行加工。
- 清理** – 用水清除湿的Chemlok 610。

保质期/储藏要求:

保质期为自发货日起两年, 收货人必须使用未开封的原装容器, 且保存在21-27°C (70-80°F)环境下。切勿冻结。

警示信息:

使用本品或派克洛德 (Parker Lord) 任何产品之前, 请参阅安全数据表 (SDS) 和产品标签上关于安全使用和处理的说明。
*仅可用于工业/商业用途。*使用本品者事先必须接受相关培训。不得用于家庭用途。不得用于消费品。

典型特性*	
外观	橙色到红色液体
密度 kg/m ³ (lb/gal)	1000 (8.34)
固体含量, %	2.5 - 3.0
闪点 (Seta), °C (°F)	>93 (>200)
溶剂	去离子水
pH	10 - 14

*典型数据不可作为产品标准之用。

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