

CHEMLOK® SILANE-BASED ADHESIVES AND PRIMERS

Selector Guide

Chemlok® silane-based adhesives and primers are low viscosity formulated products based on organofunctional silanes.

Chemlok silane-based adhesives bond a wide variety of high-performance, specialty elastomers to metals and textiles. These elastomers include silicone and fluoroelastomers.

Chemlok silane-based primers can be used on a variety of substrates as well as function as an adhesive in certain applications.

Typical Properties of Chemlok Silane-based Adhesives

Product	Description	Color	Viscosity, cSt (except as noted)	Flash Point, °C (°F)	Diluent	Shelf Life
607	Adhesive for silicone/specialties	Clear to Slightly Yellow	–	9 (49)	Methanol, Ethanol	2 years
608	Adhesive for silicone	Clear to Hazy Yellow	–	3 (38)	Methanol	2 years
610	Water-based specialty elastomer adhesive	Orange to Red	–	≥93 (≥201)	Deionized Water	2 years
5150	Adhesive for fluoroelastomers	Colorless to Pale Yellow	≈ 2	6 (43)	Methanol, Ethanol	1 year
5151	Adhesive for fluoroelastomers	Reddish-yellow	25-30 seconds Zahn #1	-5 (22)	MEK	6 months
AP-133	Adhesive for silicone/specialties	Clear	≈ 5	14 (57)	Toluene, Methanol, Ethanol	1 year
Y-1520A	Adhesive for silicone/specialties	Clear	<10	11 (52)	Methanol, Ethanol	1 year
Y-1540	Adhesive for silicone/specialties	Red	≈ 3 centipoise	9.4 (49)	Methanol, Ethanol	6 months
Y-4310	Adhesive for silicone/specialties	Clear	0 - 5	13 (56)	Methanol, Ethanol	1 year

Typical Properties of Chemlok Silane-based Primers

Product	Description	Color	Viscosity, cSt	Flash Point, °C (°F)	Diluent	Shelf Life
AP-131	Solvent-borne primer	Colorless to Slightly Yellow	0 - 5	3 (37)	Toluene, Methanol, Ethanol	1 year
AP-133	Solvent-borne primer	Clear	≈ 5	14 (57)	Toluene, Methanol, Ethanol	1 year
AP-134	Solvent-borne primer	Clear, Straw Yellow	0 - 8	1 (35)	–	1 year

Recommended Chemlok Silane-based Adhesives for Elastomer Bonding

Elastomer	Chemlok Silane-Based Adhesive(s)
EPDM (peroxide cure)	607, AP-133, Y-4310
Ethylene Acrylic	610, Y-4310
Fluoroelastomers	607, 5150, 5151, AP-133, Y-1520A
Hydrogenated Nitriles (peroxide cure)	607, 610, AP-133, Y-1540, Y-4310
Nitrile (peroxide cure)	607, 610, AP-133, Y-4310
Polyacrylate	607, 610, AP-133, Y-4310
Polyepichlorohydrin	607, 610, 5151
Silicone	607, 608, AP-133, Y-1540, Y-4310
Silicone/EPDM Blends	Y-1540

Recommended Chemlok Silane-based Primers for Substrate Priming

Metal/Substrate	Chemlok Silane-Based Primer(s)
Aluminum	AP-133, AP-134
Brass	AP-131
Ceramic Tile	AP-134
Concrete	AP-134
Glass	AP-131, AP-133, AP-134
Glass Fabric	AP-131, AP-133, AP-134
Gold	AP-131
Granite	AP-134
Magnesium	AP-131
Masonry	AP-134
Steel	AP-131, AP-133, AP-134
Silver	AP-131
Vitrified Clay Pipe	AP-134

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.

Verify Volatile Organic Compounds (VOC) requirements with the applicable local, regional and state air quality authorities before importing, selling or using this product. VOC rules, thresholds and reporting obligations vary by jurisdiction; compliance is the responsibility of the importer/seller/owner.

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

Parker Lord
Engineered Materials Group
111 LORD Drive
Cary, NC 27511-7923
USA
phone +1 877 275-5673
www.parker.com/EPM

SG1008 OD 04/26 Rev.1

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

© 2026 Parker Hannifin Corporation

