



Environmentally-Preferred Chemlok® Adhesives



Isn't Nature Beautiful?

At LORD, we're constantly innovating new solutions to reduce our customers' carbon footprint. Our goal is to ensure our planet will be just as beautiful for future generations.

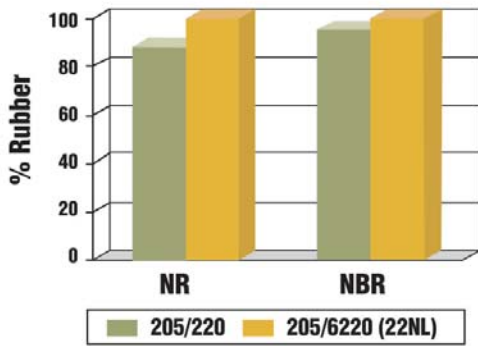
Not only are our Environmentally-Preferred Chemlok® Adhesives better for the environment, these adhesives perform at the same high quality you expect from the Chemlok brand. Whether your application requirements call for withstanding high temperatures or harsh environments – When it's critical ... it's Chemlok.

Change is the only constant. Our team of experts strive to push the technical boundaries in order to provide you with tomorrow's solutions today. Our solutions have been successfully deployed for years across a wide range of industries. From the cars you drive to the tractor harvesting crops to put food on your table, you can depend on Chemlok adhesives.



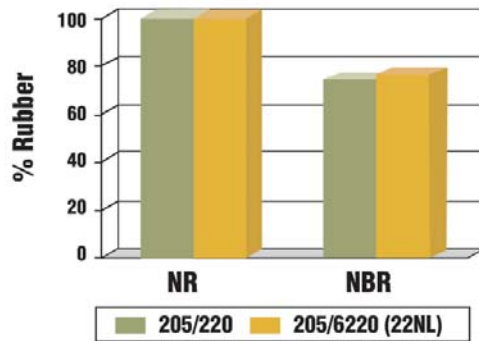
Boiling Water Test

Boiling water test comparing two-coat, general-purpose Chemlok 205/220 Adhesive and 205/6220 for NR and NBR.



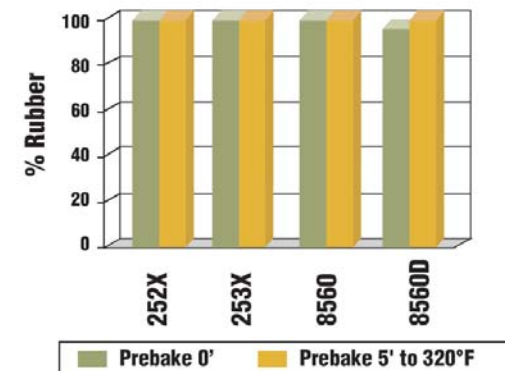
Hot Tear Test

Hot tear test comparing two-coat, general-purpose Chemlok 205/220 Adhesive and 205/6220 for NR and NBR.



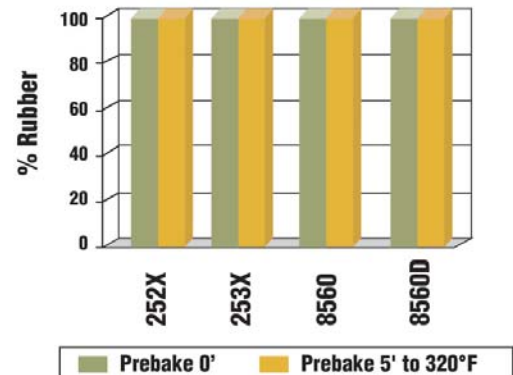
Primary Adhesion Test

Primary adhesion test comparing one-coat, general-purpose Chemlok 252X and 253X adhesives and aqueous versions 8560 and 8560D.



Hot Tear Test

Hot tear test comparing one-coat, general-purpose Chemlok 252X and 253X adhesives and aqueous versions 8560 and 8560D.



GREEN: SOLVENT, NO HEAVY METALS

We offer a line of solvent-based Chemlok adhesives that contain no heavy metals.

GREENER: LOW SOLVENT, LOW HAPs

Our general-purpose Chemlok adhesives in special solvents designed to meet low hazardous air pollutant guidelines.

GREENEST: AQUEOUS

Our aqueous Chemlok adhesives are our greenest solutions using water as a base with little to no VOCs.

Whether you need to comply with stricter governmental regulations or want to become more sustainable ... Ask Us How.

ELASTOMER BONDING GUIDE

ELASTOMER	GREEN: SOLVENT, NO HEAVY METALS		GREENER: LOW SOLVENT, LOW HAPs	GREENEST: AQUEOUS	
	ONE-COAT	TWO-COAT	TWO-COAT	ONE-COAT	TWO-COAT
Butyl Types (Bromobutyl and Chlorobutyl)	6250, 6253, 6254, 6016, EP6804-22	205/236A, 205/236X, 205/238 ID, 205/6250, 205/6100, 205/6108, 205/6253, 205/6254, 205/6411*, 205/EP6804-22	205LH/6411LH	8560D, 8560S	8007/8560D, 8007/8560S, 8009/8212
Chlorinated Polyethylene	6250, 6253, 6254, EP6804-22	205/233X, 205/234B(NW), 205/234X (NW), 205/6250, 205/6100, 205/6108, 205/6253, 205/6254, 205/EP6804-22	—	8560D, 8560S	8007/8560D, 8007/8560S
Chlorosulfonated Polyethylene	6250, 6253, 6254	205/233, 205/233X, 205/234B(NW), 205/234X(NW), 205/6250, 205/6100, 205/6108, 205/6253, 205/6254	—	8560D, 8560S	8007/8560D, 8007/8560S
EPDM	6250, 6253, 6254, 6016, EP6804-22	205/236A, 205/236X, 205/238 ID, 205/6250, 205/6100, 205/6108, 205/6253, 205/6254, 205/6411*, 205/EP6804-22	205LH/6411LH	8560D, 8560S, 8800**	8007/8560D, 8007/8560S
Epichlorohydrin	6250, 607, Y-1520A, 5151	205/233, 205/233X, 205/6250	—	610, 8560D, 8560S	8007/8560D, 8007/8560S
Ethylene Acrylic	6250, 607, Y-4310, 5151	205/233, 205/233X, 205/6125, 205/6220, 205/6250	205LH/220LH	610, 8560D, 8560S, 8800**	8007/8560D, 8007/8560S
Fluorocarbon	607, Y-4310, 5150, 5151, AP-133, Y-1520A	—	—	8116**, 8800**	8006/8116**
Natural	6250, 6253, 6254, 6016, EP6804-22	205/233, 205/233X, 205/234B(NW), 205/234X(NW), 205/6250, 205/6100, 205/6108, 205/6253, 205/6254, 205/6411*, 297/6954, 205/EP6804-22	205LH/220LH, 205LH/6411LH	8560D, 8560S	8006/8200, 8007/8210, 8007/8560D, 8007/8560S, 8009/8212
Nitrile, Hydrogenated Nitrile	—	207/6450, 207/6451	205LH/6411LH	610, 8110, 8560D, 8560S, 8800**	8006/8200, 8007/8210, 8007/8560D, 8007/8560S
Polyacrylate	—	—	—	610	—
Polybutadiene	—	297/6954	205LH/6411LH	—	—
Polychloroprene	—	297/6954	205LH/6411LH	8560D, 8560S	8006/8200, 8007/8210, 8007/8560D, 8007/8560S, 8008/8212
Polyisoprene	—	297/6954	205LH/220LH, 205LH/6411LH	8560D, 8560S	8006/8200, 8007/8210, 8007/8560D, 8007/8560S, 8009/8212
Silicone (Peroxide Cure)	607, 608	—	—	8116	—
Styrene Butadiene	—	297/6954	205LH/220LH, 205LH/6411LH	—	—
Urethane	213, 218, 219	—	—	8600	—

* Low HAP variations are available.

**For peroxide-cured elastomers.

For high-temperature/harsh environments, substitute Chemlok 207 Primer for Chemlok 205 Primer. Exception: Chemlok 207 Primer cannot be used with Chemlok 6125 or 6220 adhesive.

TYPICAL PROPERTIES

PRODUCT	DESCRIPTION	COLOR	VISCOSITY, cps (EXCEPT AS NOTED)	FLASH POINT °C (°F)	DILUENT	SHELF LIFE
PRIMERS						
205	General purpose primer/Nitrile adhesive	Gray	85-165	19 (66)	MIBK, MEK	1 year
205LH	Low-HAP Chemlok 205	Blue	10-550	13 (56)	MPK, N-butyl Propionate	6 months
207	Heat-resistant primer	Gray	70-450	14 (58)	MIBK, MEK	6 months
207LH	Low-HAP Chemlok 207	Blue	50-800	19 (67)	MAK, MPK	6 months
297	Heat-resistant primer	Gray	<800	16 (61)	MIBK, Xylene	6 months
8006	Environmentally-resistant aqueous primer	Gray	15-100	>93 (>200)	Deionized Water	6 months
8007	General purpose primer	Gray	20-250	>93 (>200)	Deionized Water	3 months
8008	Aqueous primer	Green	10-250	>93 (>200)	Deionized Water	6 months
8009	Aqueous primer	Gray	10-70	>93 (>200)	Deionized Water	6 months
ADHESIVES						
213	Adhesive for castable and RIM Urethanes	Blue	100-300	5 (41)	MEK Acetate Blend, Xylene	1 year
218	Adhesive for castable and millable Urethanes	Clear to Slightly Hazy Amber	750-1050	2 (36)	Toluene, Trichloroethylene, Isopropanol, Ethanol	1 year
219	Adhesive for applications that require increased environmental resistance	Clear to Amber	50-120	14 (58)	Ethanol, MIBK	1 year
220LH	General purpose adhesive	Black	135-300	28 (83)	Xylene, Toluene	2 years
233	General purpose adhesive	Black	100-300	33 (92)	Xylene, Trichloroethylene	1 year
233X	General purpose adhesive	Black	30-60 seconds Zahn #2	27 (81)	Xylene, Toluene	6 months
234B (NW)	General purpose adhesive	Black	800-1400	28 (83)	Xylene, Trichloroethylene	1 year
234X (NW)	General purpose adhesive	Black	400-1000	27 (81)	Xylene	1 year
236A	General purpose adhesive	Black	300-700	22 (71)	Xylene, Toluene	1 year
236X	General purpose adhesive	Black	125-500	30 (86)	Xylene, Toluene	1 year
238 ID	Adhesive for Butyl & EPDM	Black	200-800	30 (86)	Xylene	1 year
607	Adhesive for Silicone/specialties	Colorless	-	9(49)	Methanol, Ethanol	2 years
610	Aqueous specialty elastomer adhesive	Orange to Red	-	>93 (>200)	Deionized Water	2 years
5151	Adhesive for Fluoroelastomers	Reddish-yellow	25-30 seconds Zahn #1	-5 (22)	MEK	6 months
6016	Low-lead Chemlok 253 type	Black	35-100 seconds Zahn #3	27 (80)	Xylene, Toluene	1 year
6100	Low-lead Chemlok 252X type	Black	350-800	27 (81)	Xylene, Toluene	1 year
6108	Low-lead Chemlok 252H type	Black	30-74 seconds Zahn #4	27 (80)	Xylene, Toluene	1 year
6125	Improved heat-resistant Chemlok 220 type	Black	70-300	27 (81)	Xylene, Toluene	1 year
6220	Low-lead Chemlok 220 type	Black	100-300	27 (81)	Xylene, Toluene	1 year
6250	Low-lead Chemlok 250 type	Black	100-550	27 (80)	Technical Grade Xylene, Toluene	6 months
6253	Low-lead Chemlok 253 type	Black	10-46 seconds Zahn #3	27 (80)	Xylene, Toluene	6 months
6254	Heat- and oil-resistant adhesive	Black	150-450	7 (44)	Xylene, Toluene	6 months
6411	Low-lead adhesive [†]	Black	200-600	25 (77)	Xylene, Toluene	1 year
6411LH	Low-lead Chemlok 6411 type	Black	200-600	14 (58)	T-Butyl Acetate, Dimethyl Carbonate	6 months
6450	Adhesive for use over Chemlok 207	Green-Black	5-100	-7 (18)	MEK, Xylene	6 months
6451	Adhesive for use over Chemlok 207	Green-Black	5-100	-7 (18)	MEK, Xylene	6 months
6954	Heat-resistant general purpose adhesive	Black	300	16 (61)	Xylene, MIBK	6 months
8110	Aqueous adhesive for Nitrile	Black	<100	>93 (>200)	Deionized Water	6 months
8116	Aqueous adhesive	Black	100-900	>93 (>200)	Deionized Water	6 months
8200	Aqueous adhesive	Black/Green	10-40	>51 (>124)	Deionized Water, Ethyl alcohol	6 months
8212	Aqueous adhesive	Black	25-500	>93 (>200)	Deionized Water	6 months
8560D	General purpose aqueous adhesive	Black/Green	100-500	>93 (>200)	Deionized Water	3 months
8560S	General purpose aqueous adhesive	Black	50-250	>93 (>200)	Deionized Water	3 months
8800	Aqueous adhesive	Beige	5-100	>93 (>200)	Deionized Water	90 days
AP-133	Adhesive for Silicone/specialties	Clear	-5 centistokes	14 (57)	Toluene, Methanol, Ethanol	1 year
EP6804-22	Conductive one-coat adhesive	Black	50-250	48 (89)	Toluene, Xylene	6 months
Y-1520A	Adhesive for Silicone/specialties	Clear	-3 centistokes	11 (52)	MEK/ Xylene Mix	1 year

[†] While not intentionally formulated into the product, lead can sometimes be a trace contaminant in raw materials (e.g., mineral fillers) and may be detectable in random sampling at very low levels (generally less than 100ppm).

WHERE TO BUY:

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■ **Quadra Chemicals, Ltd.**
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www.quadrachemicals.com

UNITED STATES

■ **R.D. Abbott Company, Inc.**
Phone: 562 944 5354
www.rdabbott.com

■ **Chemrep, Inc.**
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www.chemrep.com

■ **Lintech International, LLC**
Phone: 877 LINTECH (546 8324)
orders@2lintech.com
www.2lintech.com

■ **Alternative Rubber & Plastics, Inc.**
Phone: 888 611 0220 or 716 691 2141
www.altrubber.com

MEXICO

■ **Gonzalez Cano y Compania, S.A. de C.V.**
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www.gocasa.com.mx

■ **R.D. Abbott Company, Inc.**
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www.rdabbott.com

■ **Quimipol**
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www.quimicosypolimeros.com

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■ **Quimica Turaco**
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www.ohgrepre.com

■ **Esquim de Colombia y Cia. Ltda.**
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■ **Alvaro Alvarez Representaciones Cia Ltda.**
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■ **Comercial Conte**
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www.conte.com.pe

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■ **Tecnigom**
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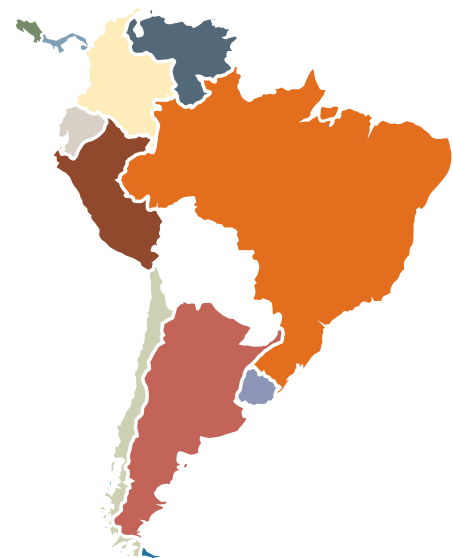
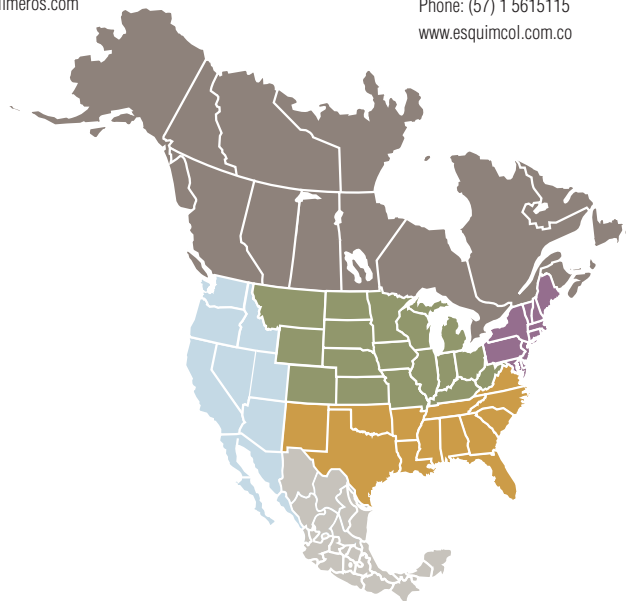
VENEZUELA

■ **Sotybar C.A.**
Phone: 58 212 793 2711 or 58 212 793 3010

CENTRAL AMERICA

COSTA RICA/PANAMA

■ **Chemsol**
Phone: 011 506 2239 5454
www.chemsol.net



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

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LORD provides valuable expertise in adhesives and coatings, vibration and motion control, and magnetically responsive technologies. Our people work in collaboration with our customers to help them increase the value of their products. Innovative and responsive in an ever-changing marketplace, we are focused on providing solutions for our customers worldwide ... Ask Us How.

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