
PRODUCT INFORMATION

NOX-RUST® 7703-W

Description

NOX-RUST® 7703-W is a low color, translucent rustproofing compound designed to provide a long term protective film for automotive primed and unprimed steel. This product has a thin gel, but low viscosity that allows for film builds on vertical surfaces and for seam penetrations (capillary action) into areas with metal-to-metal

overlap. The resulting film is wax-like in nature and will repel water, self-heal and remain flexible at low temperatures. NOX-RUST® 7703-W was formulated to pass all the requirements of Honda's Specification titled **Test Method on Wax.**

Application

NOX-RUST® 7703-W can be applied using low pressure airless or air assisted airless equipment using accessory spray wands capable of coating critical areas through existing openings or drilled 1/2" access holes. Contact a Daubert Sales Representative for recommendation on equipment. The recommended film thickness for NOX-RUST® 7703-W is 6 mils wet resulting in a 2 mil dry film. Dry time at this thickness is 4 hours to touch and overnight for full cure.

Note

NOX-RUST® 7703-W is available from Daubert Chemical Company packaged in aerosol cans.

Physical Properties

Typical Values

Appearance:	(Liquid) (Film)	Translucent color, thixotropic liquid Non-tacky, pliable, wax-like translucent film
Odor:		Mild Petroleum Solvent
Solvent:		Rule 66 Mineral Spirits
Specific Gravity:		0.864
Weight per gallon:		7.2
Flash Point:		100°F. (minimum)
Viscosity @ 25°C, Brookfield LV, Spindle#3 @ 30 rpm:		1100 cps
Solids (by weight):		38%
Wt per gallon of solvent:		6.4
Solids by volume:		30%
V.O.C.:		4.5

Performance Properties

Note: All panels were prepared according to Honda's test method on waxes. Dry film thickness of 7703-W on 4X12 automotive grade cold rolled steel panels was 1.2 to 2 mils dry for all corrosion tests. Panels were air dried for 24 hours before testing.

Salt Spray, 500 hrs., Scribed:	Pass, no corrosion or degradation of film.
Scrap Cycle Test (3 Cycles):	Pass, no corrosion or degradation of film.
Humidity Test 500 Hrs.:	Pass, no corrosion or degradation of film.
High Temperature Sag Resistance 1 Hr @ 100°C	Pass, no flow of film.
Top Coat Paint Stain 8 Hrs @ 80°C	Pass, no effect on automotive paint.

Removal

The wet and dry film of NOX-RUST® 7703-W can be removed using mineral spirits or a kerosene-soaked rag.

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CHEMICAL COMPANY, INC.

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4700 South Central Avenue ■ Chicago, IL 60638 ■ 1-800-688-0459 ■ or 708-496-7350 ■ Fax: 708-496-7367

Visit our web site at www.daubert.com ■ Our e-mail is dauchem@daubert.com

