

RP6™

Weldable Rust Preventative Fluid

Weld Cleaner

RP6™ proprietary oil-based, rust preventative fluid keeps your ferrous metals clean and corrosion-free with indoor protection for up to six months. RP6 meets CAT 1E4969 standards for corrosion protection, weld quality and fume safety.

Expert Tested

The weldability of RP6 was verified through rigorous third-party testing. Coated metal samples were welded, scored and then x-rayed. The analysis determined that the use of RP6 did not result in any contributable instances of welding related defects.

Protection Without Hassle

RP6 provides the best of both worlds by protecting ferrous metals against rust and corrosion, while not adversely affecting the welding process. Metals treated with RP6 require minimal cleaning prior to welding, and your welds suffer no adverse effects.

More Affordable Coverage

RP6's chemical makeup results in an additional layer of savings. Applied by spray, dip or brush, RP6 increases productivity by eliminating the need for grinding, shot blasting or chemically cleaning the joint before welding. Additionally, its thin film coating results in less product being required per square foot when compared to competing products.



Cross sectional analysis displays a defect free fillet weld with robust hardness values

Hardness Value Table

FIELD #	HARDNESS (HV)
1	145
2	181
3	205
4	213
5	214
6	213
7	176
8	136



Micro-Etch testing shows no discernible weldment differences between uncoated & RP6 coated base material

Typical Applications

- Heavy Fabrication
- Automotive
- Steel Storage
- Structural

Key Features

- Corrosion Protection
- Excellent Weldability
- Thin Film Coating
- Fast Curing Time
- Low Viscosity
- Non Hazardous

Conformances

- CAT 1E4969 - Weldable RP Spec
- ASTM B117 Salt Spray
- ASTM D1748 Humidity

SPECIFICATIONS

Product Name	Product Number	Size	Storage Temperature F° [C°]
RP6 Weldable Rust Preventative Fluid	K4127-2	5 Gallon Pail	50° - 95° F (10° - 35° C)
	K4127-1	55 Gallon Drum	

Usage

- RP6 is a ready to use product which can be dipped, sprayed or brushed onto ferrous metals.
- Maximum Performance of RP6 is achieved when the metal surfaces are clean, free of rust, oil and mill scale.
- Mild agitation is recommended prior to use.
- Do not dilute or add water into the product.
- One Year Shelf Life.

Safety

Refer to the Safety Data Sheet (SDS) for detailed health and safety information regarding RP6 Weldable Rust Preventative Fluid.



CUSTOMER ASSISTANCE POLICY

The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

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