



SURFOX Weld Cleaning Systems

■ 120V input

Electrochemical systems remove heat tint from TIG, spot, and pulsed MIG welded stainless steel, while cleaning and passivating the surface to help fight corrosion. With 2 high-resistant and conductive brushes, including a triangular sleeve brush for MIG welds and large surface areas, and a cylindrical sleeve brush for tight corners and spot welds. Include clamp ring, tungsten insert, ground wire with clamp, and carrying case.



406F85

Note: For additional weld cleaning accessories, such as Clamp Rings, Cleaning Pads and Boots go to Grainger.com®.

Trade Name	Amps	Output Voltage	Hose Length	Std.	Item No.
SURFOX MINI	15 A	12 to 30V AC/DC	—	ASTM A967	406F85
SURFOX 205	15 A	13 to 30V AC/DC	13 ft	ASTM A968	406F86

Visible Dye Penetrants
3WU62



Welding Penetrants and Inspection Kits

VISIBLE DYE PENETRANT TESTING

Use this 4-step process to detect stress and fatigue cracks in metal surfaces. Kit 3WU62 includes 2 cans each of visible penetrant and developer, 4 cans of cleaner/remover, paint marker, and hand wipes.

FLUORESCENT PENETRANT TESTING

Helps find the tiniest cracks in any metal surface. Very sensitive fluorescent dyes comply with most military specifications for fluorescent inspection.

MAGNETIC PARTICLE INSPECTION

Fluorescent and visible magnetic powders, electromagnetic yokes and testing kits provide a nondestructive method to quickly find defects in ferrous metal.

Description	Mr. Model	Item No.
Visible Dye Penetrant Testing		
SKC-S NDT Cleaner/Remover, 16 oz. Aerosol*	01-5750-77	3WU61
SKD-S2 Penetrant Developer, 16 oz. Aerosol*	01-5352-77	3WU60
SKL-WP2 Water-Removable Dye Penetrant, 11.6 oz. Aerosol*	SKL-WP2	35LV23
SK-816 Solvent-Removable Penetrant Test Kit, 8 Aerosol cans	SK-816	3WU62
Fluorescent Penetrant Testing		
ZP-9F Penetrant Developer, 16 oz. Aerosol	ZP-9F	48K597
Magnetic Particle Inspection		
14AM Fluorescent Magnetic Particle Liquid, 16 oz. Aerosol	14AM	40JW42
WCP-2 White Contrast Paint, 16 oz. Aerosol	01-2250-77	6WZT5
7HF Black Visible Magnetic Particles, 16 oz. Aerosol	01-1580-77	6WZT6
20B Fluorescent Magnetic Particle Premix, 30 lb./13.6 kg. Pail	01-0179-84	6WZT7
#8A Red Visible Magnetic Particle Powder, 10 lb./4.53 kg. Pail	01-1780-69	35LV22

* Total weight of liquid and compressed gas.



Layout Fluid
2C928



Layout Fluid
Remover and Prep
2E001



Layout Fluid
Remover
1D271



Weldable Primer
31MF04



Layout Fluids, Removers And Primers

LAYOUT FLUIDS

DYKEM STEEL BLUE and STEEL

RED—Dry quickly, for minimal prep time before scribing. Stay flexible without cracking or chipping. Noncorrosive and toluene-free.

Blue Layout Fluid—Fast-drying, nonflaking, non-etching, and won't peel. Adheres to all metals or glass. EZ Touch® Fanspray nozzle. Dark blue color. Methylene Chloride free.

DYKEM Hi-Spot Blue—Even-spreading paste shows high spots on bearings. Non-hardening film coating may be left on surfaces to reduce clean up and re-bluing time.

DYKEM Machining Layout

Fluid—Permanent stain provides easy identification of fasteners, parts, inventory, tools, or assemblies. Dries quickly and resists moisture, grease, and oils.

LAYOUT FLUID REMOVERS AND PREP

DYKEM Remover and Prep—

Remove and dilute layout fluids and staining colors. Dries in minutes. Does not contain toluene, 1,1,1-trichloroethane, chlorofluorocarbons, or chlorinated solvents.

Layout Fluid Remover—Specifically formulated to remove layout fluids quickly and efficiently.

WELDABLE PRIMERS

Help eliminate the need to clean metal surfaces before welding. Corrosion- and rustproof primer can be applied to a wide range of metals. Ability to strike welding arc without removal. Max. temp.: 800°F. Dry time: 6 hr. Aluminized finish. 31MF04 is a 12 oz. aerosol can. 31MF05 comes in 1 gal. can.

Description	Color	Size	Brand	Mr. Model	Item No.
Layout Fluids	Blue	2 oz.	DYKEM	80200	2C936
	Blue	4 oz.	DYKEM	80300	2C945
	Blue	12 oz.	DYKEM	80000	2C928
	Blue	930 mL	DYKEM	80600	2C967
DYKEM® STEEL RED™	Red	4 oz.	DYKEM	80396	2GKW2
	Red	16-oz. Aerosol	DYKEM	83307	2GK33
	Red	930 mL	DYKEM	80996	2GKW3
Blue Layout Fluid	Blue	12-oz. Aerosol	Sprayon	SC0603000	1D272
DYKEM® Hi-Spot Blue	Blue	0.55 oz.	DYKEM	83307	2GKW4
	Black	1 gal.	DYKEM	81724	2GKW8
	Blue	8-oz. Brush-In-Cap	DYKEM	81478	2GKW7
	Dark Blue	1 gal.	DYKEM	81778	2GKW9
	Light Blue	1 gal.	DYKEM	81725	2GKX8
	Dark Green	1 gal.	DYKEM	81706	2GKX9
	Light Green	1 gal.	DYKEM	81708	2GKY1
	Orange	8-oz. Brush-In-Cap	DYKEM	81413	2GKX4
	Orange	1 gal.	DYKEM	81713	2GKY2
	DYKEM® Machining Layout Fluid	Red	8-oz. Brush-In-Cap	DYKEM	81491
Red		1 gal.	DYKEM	81791	2GKY3
White		8-oz. Brush-In-Cap	DYKEM	81427	2GKX6
White		1 gal.	DYKEM	81727	2GKY4
Yellow		8-oz. Brush-In-Cap	DYKEM	81405	2GKX7
Yellow		1 gal.	DYKEM	81705	2GKY5
Layout Fluid Removers and Prep					
DYKEM® Remover and Prep	Clear	16-oz. Aerosol	DYKEM	82038	2C991
Layout Fluid Remover	Clear	930 ml Bottle	DYKEM	82638	2E001
Layout Fluid Remover	Clear	16-oz. Aerosol	Sprayon	SC0606000	1D271
Weldable Primer					
Bloxide - Aluminized Aerosol	—	12 oz.	Tempil	24104	31MF04
Bloxide - Aluminized Gallon	—	1 gal.	Tempil	24100G	31MF05