

E-WELD

FULL LINE OF
ANTI-SPATTER SOLUTIONS

EFFICIENT, SAFE & ECONOMICAL



“Only the best”

E-WELD OVERVIEW



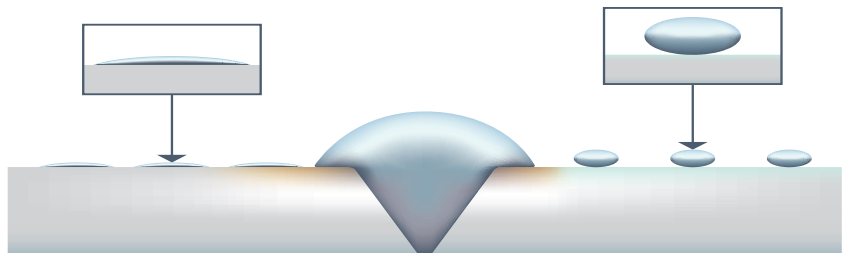
Why use anti-spatter solutions?

When small pieces of molten metal fly off the welding arc, the spatter or slag lands on work surfaces around the weld seams. As spatter cools and hardens on the surface it lands on, it can be difficult to remove. Abrasive solutions will then need to be utilized to remove the spatter to ensure a smooth surface for painting, finishing and other operations. However, by leveraging an anti-spatter solution before you begin welding, you can eliminate the time and cost of using abrasives to remove them.

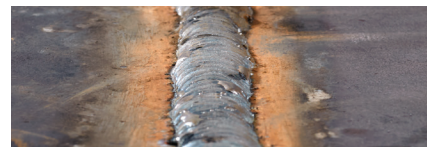
Why use WALTER E-WELD anti-spatter solutions?

As a company who is consistently looking to increase your productivity while reducing your costs, WALTER has developed a safer and healthier line of anti-spatter solutions to prevent spatter from adhering to work surfaces. Our anti-spatter solutions are biodegradable, non-flammable and non-toxic.

“Unlike some other anti-spatter compounds, E-WELD solutions do not contain harmful chemicals like Methylene Chloride, a known carcinogen which can cause headaches, dizziness and a wide array of long-term medical issues.”



WITHOUT E-WELD



WITH E-WELD

E-WELD Family Highlights

Aerosol can uses a special propellant

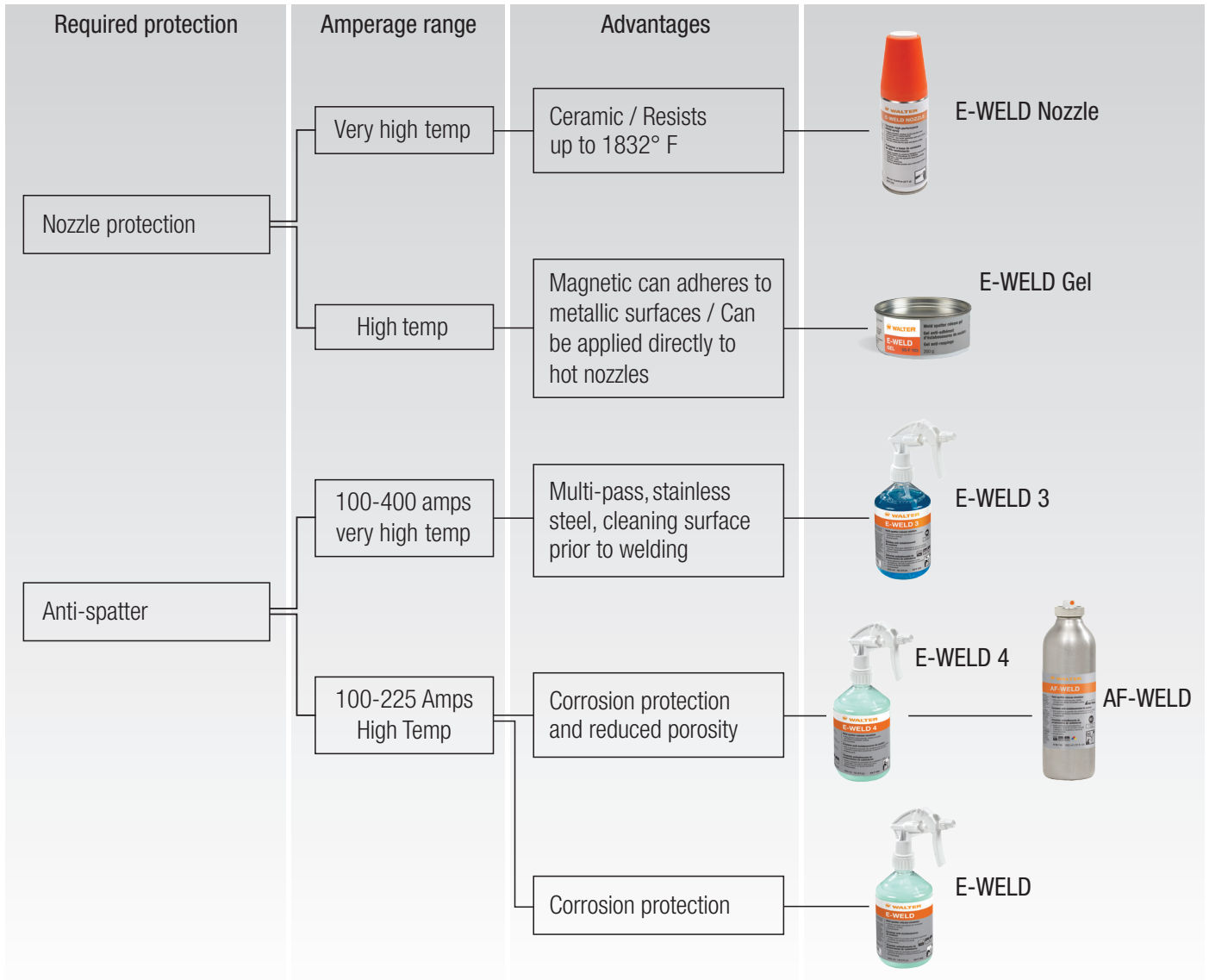
Non-flammable
VOC-free

+40%
ACTIVE INGREDIENTS



- ▶ Ultra efficient, highly concentrated solutions – only a small amount is required
- ▶ E-WELD Nozzle is the longest lasting dry ceramic welding nozzle protector for superior protection and reduced downtime
- ▶ E-WELD Nozzle can be used with a unique self-dispensing applicator for easy use and a perfect coating every time
- ▶ E-WELD 4 is the only anti-spatter guaranteed not to cause weld porosity, while eliminating cracking and reducing the number of rejected welds
- ▶ AF-WELD is an exclusive refillable aerosol can system using compressed air as a propellant, eliminating the need for the disposal of aerosol cans

PRODUCT SELECTION CHART



NOZZLE PROTECTION

E-WELD NOZZLE New

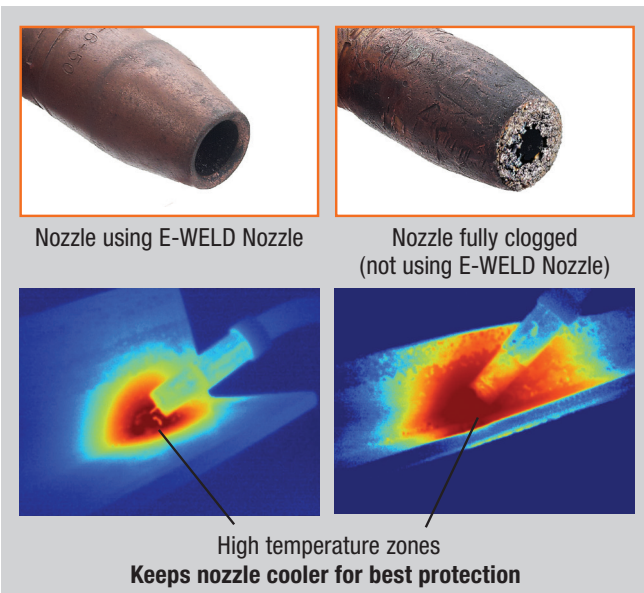
LONG-LASTING NOZZLE PROTECTION FOR INCREASED EFFICIENCY



Extend the life of welding nozzles with E-WELD Nozzle and our exclusive applicator. This highly concentrated formula evenly coats the exterior and interior surfaces of welding nozzles and contact tips to prevent spatter from adhering to the nozzle. This prevents obstruction, allowing the gas to constantly flow freely to produce higher quality welds. This is an extremely economical solution, as the applicator quickly and easily dispenses a thin layer that can provide protection for up to 8 hours. This is an ideal solution for MIG welding, as E-WELD Nozzle can withstand high temperatures and can even be used in plasma and laser cutting applications.

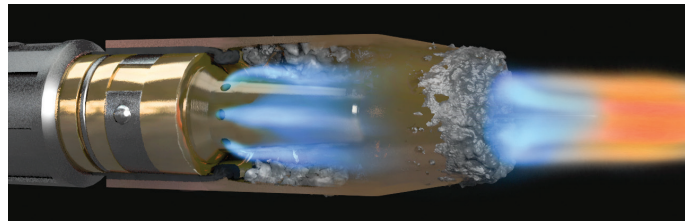
- ▶ No weld contamination
- ▶ No porosity
- ▶ Drastically reduced downtime spent clearing spatter from welding nozzles

Protecting welding nozzles up to 8 hours



Coats the exterior and interior surfaces to prevent spatter build-up

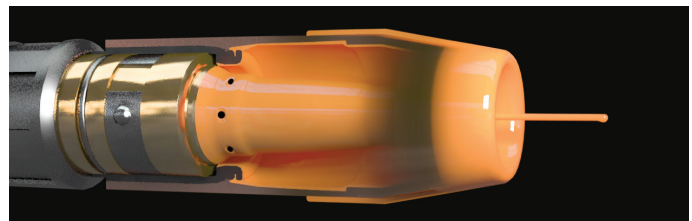
During the welding process, welding nozzles and tips get clogged by hot spatter fusing to the nozzle. This prevents the shielding gas from flowing freely and heating the wire evenly, which can cause a number of issues with the weld bead, including increased porosity. This could possibly lead to time-consuming rework and decreased productivity.



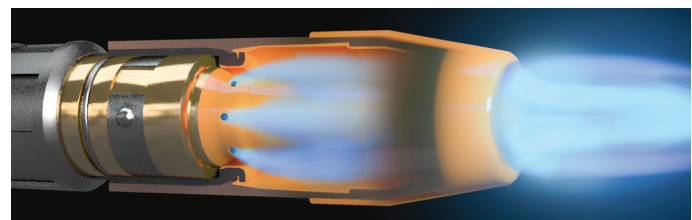
The end-result is an inconsistent, poor quality weld with a higher rejection rate.



E-WELD Nozzle coats the exterior and interior of the nozzle, the contact tip and the diffuser to avoid spatter from adhering, thus preventing obstruction.



This allows the gas to constantly flow freely and heat the wire consistently.



The end-result is a consistently high quality weld bead with virtually no rejected pieces.





Unique applicator easily dispenses THE PERFECT AMOUNT EVERY TIME

- ▶ Easily applies a thin, even layer
- ▶ Simply dip a cool torch into the applicator for one second and let dry for 5-10 minutes
- ▶ Reduces the potential for waste from excessive over-application
- ▶ Reduces the mess associated with traditional aerosol sprayers

Description	Size	Order No.	MSDS	Std Pkg
Aerosol	13.5 fl. oz.	53-F 212	F-156E	6
E-WELD NOZZLE Starter Kit (5 E-WELD Nozzle cans + 1 Applicator)	13.5 fl. oz.	53-F 912	F-156E	1
Applicator		53-L 121		1

VIDEO



WALTER Academy VIDEO
How to Properly Install
and Use E-WELD Nozzle

Drastically reduces
downtime

FEATURES

- ▶ 2-3 times the active ingredients of competitive products
- ▶ Just one application lasts up to an entire 8 hour shift
- ▶ Effective up to 1832°F (1000°C)
- ▶ Patent pending applicator ensures a thin & even coat

BENEFITS

- ▶ Less downtime
- ▶ Increased productivity
- ▶ Improved weld quality
- ▶ Save money by using fewer welding nozzles

E-WELD GEL™ ANTI-SPATTER GEL

Superior anti-spatter gel for protecting welding nozzles and contact tips



- ▶ Extends welding torch life
- ▶ Free of chlorinated compounds and silicone
- ▶ Odorless
- ▶ Packaging height is designed to prevent clogging of gas diffusers in welding nozzle
- ▶ Metal container will not burn through from hot tips
- ▶ Provides excellent protection for welder's boots and gloves



Magnetic tin "sticks" to
steel work tables and
vertical surfaces

Description	Size	Order No.	MSDS	Std Pkg
Metal tin	7 oz.	53-F 103	L-12E	12

Color: Translucent

ANTI-SPATTER

E-WELD™

ANTI-SPATTER EMULSION

E-WELD is a safe, effective anti-spatter emulsion. It protects workpieces and welding equipment while eliminating time-consuming spatter removal work.

VOC-free, solvent-free and silicone-free,
biodegradable, non-flammable

- ▶ Excellent corrosion resistance
- ▶ Residue-free: leaves the surface ready to paint after use
- ▶ Odorless
- ▶ Compatible with all metallic alloys
- ▶ Formulation based on natural plant extracts



Description	Size	Order No.	MSDS	Std Pkg
Aerosol	13.5 oz.	53-F 002	L-10E	12
Sprayer	16.9 oz.	53-F 203	L-21E	12
Liquid	1.3 gal	53-F 206	L-21E	1
Liquid	5.2 gal	53-F 207	L-21E	1
Liquid	55 gal	53-F 208	L-21E	1

Color: Milky green

Characteristics	E-WELD
Amperage range	100-225
Corrosion inhibition	Yes
Porosity reduction	No
Cleaning & degreasing ability	No
Paint adhesion	Excellent
VOC-free	Yes
NSF registered	No
Usage	
Multi-pass welding	Not recommended
Preheated workpiece	Not recommended
Thin material	Suggested
Stainless	Suggested

E-WELD 3™

HIGH TEMPERATURE ANTI-SPATTER SOLUTION

E-WELD 3 is a unique, high performing anti-spatter solution that protects work pieces from adherence of high energy spatter and eliminates costly spatter removal operations. *NSF category P1, registration #145451*

High performance, high temperature anti-spatter

- ▶ Formulated for
 - Multiple pass welding
 - Thin sheet welding
 - Stainless steel welding
 - Pre-heated workpieces
- ▶ Multi-functional product, can be used as a degreaser to prepare surfaces prior to welding
- ▶ Leaves the surface ready to paint after use
- ▶ VOC-free, solvent-free and silicone-free, biodegradable
- ▶ Odorless



Description	Size	Order No.	MSDS	Std Pkg
Sprayer	16.9 oz.	53-F 253	L-46E	12
Liquid	1.3 gal	53-F 256	L-46E	1
Liquid	5.2 gal	53-F 257	L-46E	1
Liquid	55 gal	53-F 258	L-46E	1

Color: Clear blue

Characteristics	E-WELD 3
Amperage range	100-400
Corrosion inhibition	No
Porosity reduction	No
Cleaning & degreasing ability	Yes
Paint adhesion	Excellent
VOC-free	Yes
NSF registered	Yes
Usage	
Multi-pass welding	Highly recommended
Preheated workpiece	Highly recommended
Thin material	Highly recommended
Stainless	Highly recommended

E-WELD 4™

PREMIUM ANTI-SPATTER EMULSION

E-WELD 4 is one of the most advanced anti-spatter solutions in the industry, providing unparalleled performance and protection. E-WELD 4 retracts in the presence of heat, leaving the welding area clean of liquid. This ensures there is no liquid in the weld pool, which makes E-WELD 4 the only anti-spatter on the market which can guarantee that excessive anti-spatter applied to the work surface will NOT be a potential cause of weld porosity.

The only anti-spatter guaranteed not to cause weld porosity

- ▶ Retracts from heat, ensuring excess solution will not cause weld cracking or porosity
- ▶ Corrosion resistant
- ▶ Leaves the surface ready to paint after use
- ▶ Effective on both, wet and dry surfaces
- ▶ VOC-free, solvent-free and silicone-free, biodegradable
- ▶ Formulation based on natural plant extracts
- ▶ Pleasant citrus scent



Description	Size	Order No.	MSDS	Std Pkg
Sprayer	16.9 oz.	53-F 403	L-147E	12
Liquid	1.3 gal	53-F 406	L-147E	1
Liquid	5.2 gal	53-F 407	L-147E	1
Liquid	55 gal	53-F 408	L-147E	1

Color: Light green

Characteristics	E-WELD 4
Amperage range	100-225
Corrosion inhibition	Yes
Porosity reduction	Yes
Cleaning & degreasing ability	No
Paint adhesion	Excellent
VOC-free	Yes
NSF registered	No
Usage	
Multi-pass welding	Suggested
Preheated workpiece	Suggested
Thin material	Suggested
Stainless	Suggested

AIR FORCE AF-WELD™

A UNIQUE, COST EFFICIENT AND ECO-FRIENDLY ANTI-SPATTER SYSTEM

AF-WELD offers the same benefits as E-WELD 4 and is conceived for large volume users.

The system combines AF-WELD with the Air Force refilling station. This system refills and pressurizes reusable aerosol cans with AF-WELD and compressed air, effectively eliminating the need to dispose of used aerosol cans of anti-spatter. Reduce your hazardous waste stream and enjoy significant cost savings by buying liquid in bulk.

Air Force AF-WELD reduces costs associated with storage, handling and disposal

- ▶ For use in AF-WELD refillable aerosol system only

Did you know...

A 2.6 gallon bag-in-box package of AF-WELD anti-spatter replaces as many as 36 aerosol cans!



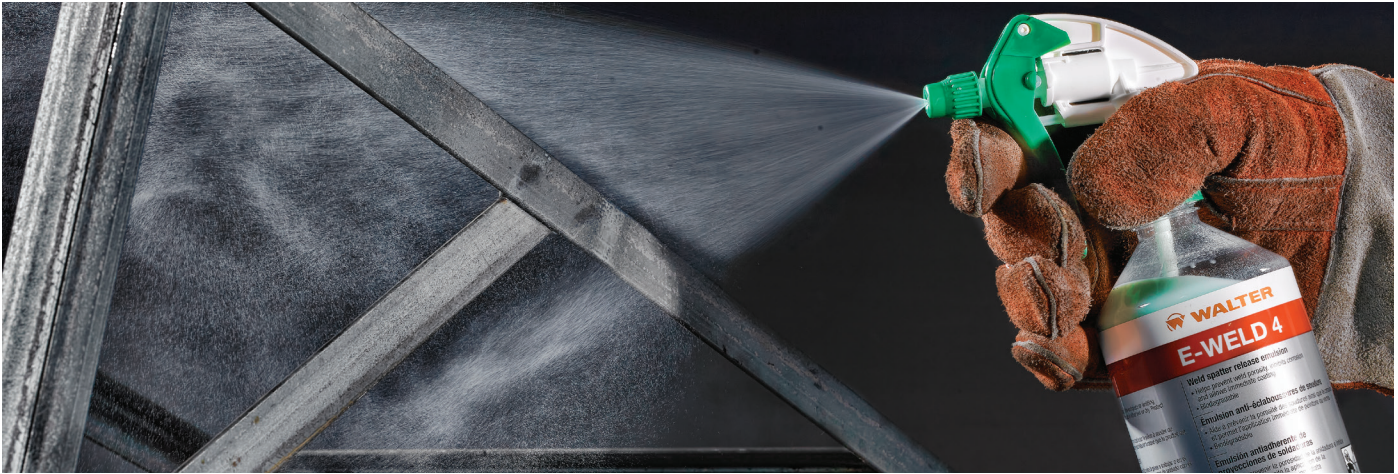
Description	Size	Order No.	MSDS	Std Pkg
Bag-in-box	2.6 gal	57-F 005	L-141E	1
Drum	55 gal	57-F 008	L-141E	1
Refillable spray bottle	10 oz.	57-B 110	L-141E	6
Replacement valve kit	-	57-B 001	-	1

Color: Light green

Characteristics	AF-WELD
Amperage range	100-225
Corrosion inhibition	Yes
Porosity reduction	Yes
Cleaning & degreasing ability	No
Paint adhesion	Excellent
VOC-free	Yes
NSF registered	Yes
Usage	
Multi-pass welding	Suggested
Preheated workpiece	Suggested
Thin material	Suggested
Stainless	Suggested

REFILLABLE SPRAY BOTTLES

Each refillable spray bottle comes with a product label to ensure full OSHA compliance



Industrial pump spray bottles

Quickly and easily dispense anti-spatter with our industrial pump spray bottles. The thick-walled polyethylene bottles feature a wide neck for easy refilling from drums and other large containers. Apply a thin, misting layer for fast, effective coverage of large surface areas.



Description	Size	Order No.	Std Pkg
E-WELD	30.4 oz.	53-L 101	1
E-WELD 3	30.4 oz.	53-L 105	1
E-WELD 4	30.4 oz.	53-L 107	1

Refillable trigger spray bottles

Equipped with a precision sprayer mechanism which ensures a constant spray pattern without dripping. Clearly identified with product specific labels showing product features, OSHA information and directions for use.



Description	Size	Order No.	Std Pkg
E-WELD	16.9 oz.	53-L 321	1
E-WELD 3	16.9 oz.	53-L 320	1
E-WELD 4	16.9 oz.	53-L 338	1

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Available at:

For more information or to schedule a FREE demo at your shop or facility:

Call your local WALTER representative or reach our Customer Service Department at (800) 522-0321.

TO ORDER:

Phone: (800) 522-0321 or Fax (866) 274-4435

Email: OrderDesk.US@walter.com

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Surface Technologies