

*“Only the best”*

# E-WELD

Full line of  
anti-spatter solutions

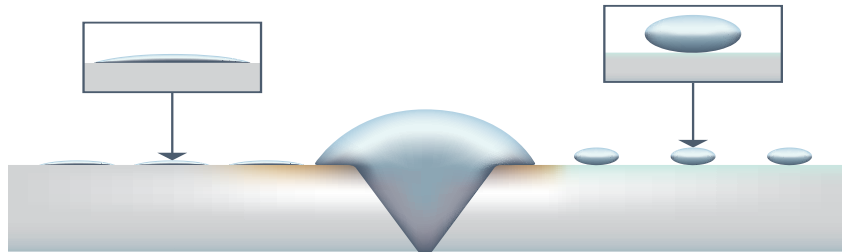
EFFICIENT, SAFE AND  
ECONOMICAL





## Why use anti-spatter solutions?

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



*“Unlike other anti-spatter solutions it does not contain Methylene Chloride, which represents cancer hazards and can cause suffocation when combusted”*



WITHOUT E-WELD



WITH E-WELD

## Why use WALTER E-Weld anti-spatter solutions?

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

## E-Weld special features

Aerosol cans using a special propellant

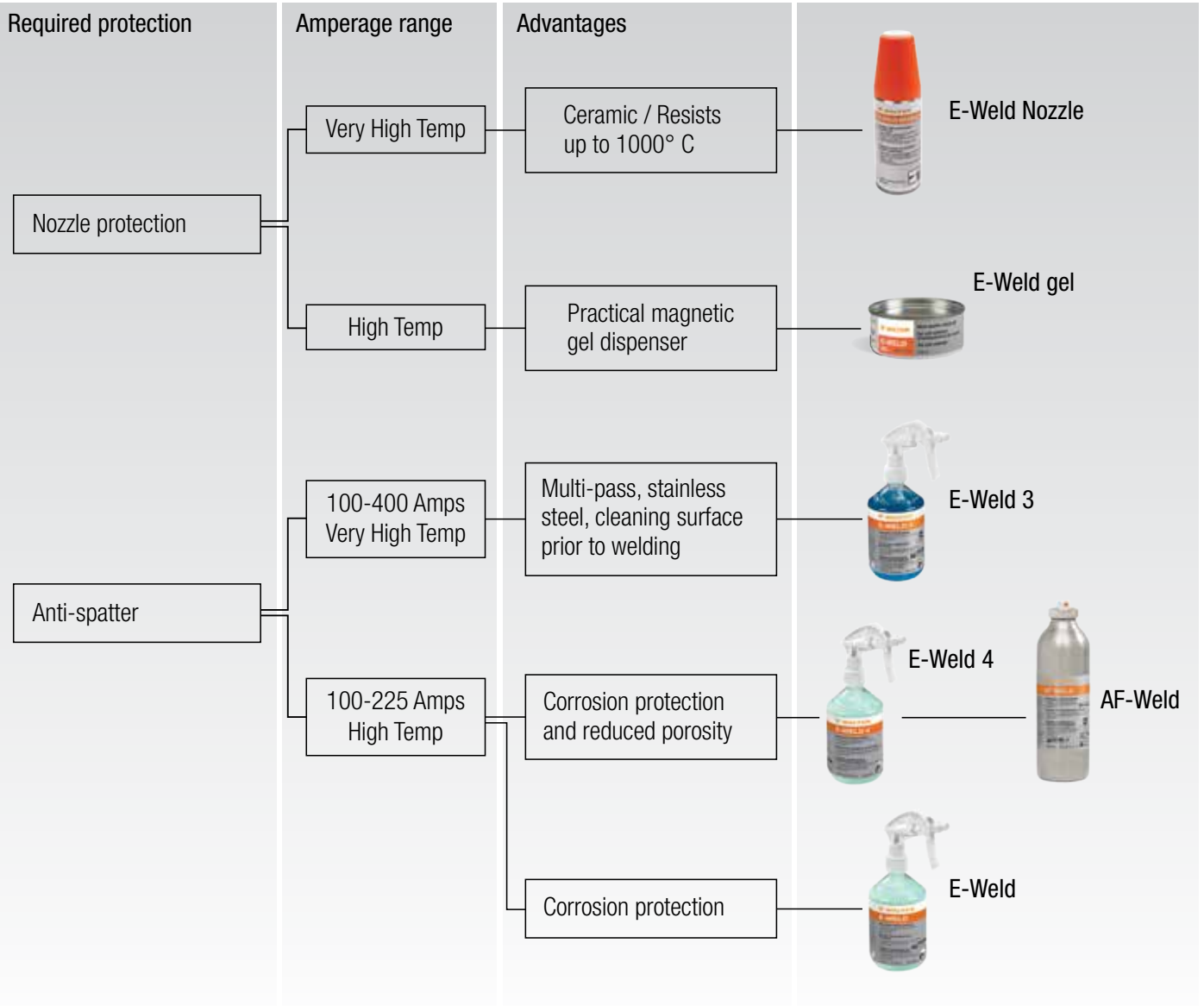
Non flammable  
**VOC free**

**40%** more E-Weld solution



- ▶ E-Weld Nozzle is the longest lasting dry ceramic welding nozzle protector for the best protection and reduced downtime
- ▶ E-Weld Nozzle can be used with a unique self dispensing applicator for constant and easy application
- ▶ E-Weld 4 is the only anti-spatter designed to prevent weld porosity, eliminate cracking and reduce rejected welds
- ▶ AF-Weld is an exclusive refillable aerosol can system using compressed air as a propellant, eliminating the need for can disposal
- ▶ Ultra efficient highly concentrated solutions – only a small amount is required

# SELECTION CHART



# NOZZLE PROTECTION

## E-WELD NOZZLE

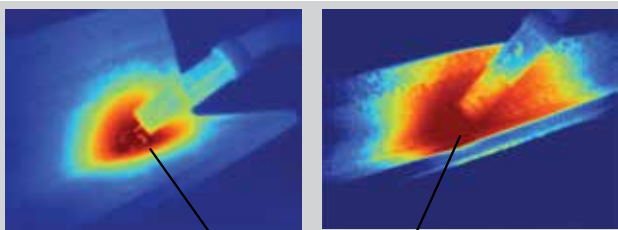
[New]

### TOTAL NOZZLE PROTECTION FOR BEST EFFICIENCY

Extend the life of welding nozzles with E-WELD nozzle and its exclusive applicator. This highly concentrated formula evenly coats the exterior and interior surface of your welding nozzle to avoid spatter from adhering to the nozzle. This prevents obstructions and allows the gas to constantly flow freely resulting in a better quality weld. This is an extremely economical solution, as the easy applicator dispenses a thin layer that can provide protection for up to 8 hours. This is the ideal solution for MIG welding, as the E-WELD Nozzle can withstand high temperatures and can also be used in plasma and laser cutting applications.

*Protecting welding nozzles for up to 8 hours*

- ▶ No weld contamination
- ▶ No porosity
- ▶ No time lost on scrap pieces to get rid of viscous coating prior to actual work



High temperature zones

**Keeps nozzle cooler for best protection**



Nozzle using E-Weld Nozzle



Nozzle fully clogged (not using E-Weld Nozzle)

## Coats the exterior & interior nozzles surface to avoid spatter build up

During the welding process, welding nozzles and tips get clogged with hot spatter which fuses to the nozzle, creating obstruction. This prevents the shielding gas to flow freely and heat the wire evenly.



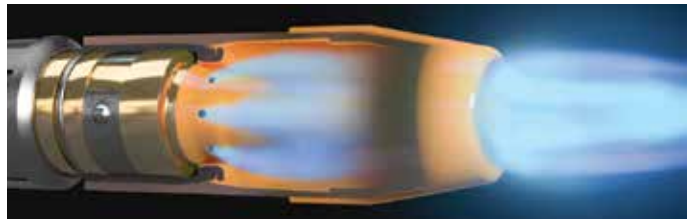
End-result is a inconsistent, poor quality weld with a higher rejection rate.



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 wire in a constant way.



End-result is a consistent, good quality weld which results in virtually no rejected pieces.



*Virtually no rejected pieces!*



## UNIQUE SELF DISPENSER APPLICATOR EASILY DISPENSES HIGHLY CONCENTRATED CERAMIC COATING

- ▶ Economical
- ▶ Improves weld quality and reduces rejection rate
- ▶ Only a thin layer needed
- ▶ Extend lifetime of nozzles
- ▶ Eliminate the frequent need for replacement

Description	Size		Order No.	MSDS	Std Pkg
	Metric	US Gal.			
Aerosol	400 ml	13.5 fl. oz.	53-F 212	F-156E	6
Applicator			53-L 121		1

### VIDEO



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



*Perfect for robotic  
use and drastically  
reduces downtime*

## E-Weld Nozzle *Special launch offer!*

E-Weld Nozzle +  
applicator

Unique applicator  
easily dispenses  
highly concentrated  
ceramic coating



**\$48.00**

**Save \$10**

Order No.: 53-F 912

Limited time offer,  
while quantities last

## 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 and odourless
- ▶ Protection of the inside and outside of welding nozzles and contact tips
- ▶ Packaging height is designed to prevent clogging of gas diffusers in welding nozzle
- ▶ Metal container will not burn through from hot tips
- ▶ Excellent protection for welder's boots and gloves



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

Magnetic

Description	Size		Order No.	MSDS	Std Pkg
	Metric	US Gal			
Metal tin	200 g	7.0 oz	53-F 103	L-12E	12

Colour: Translucent

# ANTI-SPATTER

## E-WELD™

### ANTI-SPATTER EMULSION

E-WELD is an effective anti-spatter emulsion. It protects workpieces, welding equipment and eliminates time-consuming spatter removal work.

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

- ▶ Excellent corrosion resistance
- ▶ Residue-free : allows immediate painting
- ▶ Formulation based on natural plant extracts
- ▶ Odourless
- ▶ Accepted for use in food plants
- ▶ Compatible with all metallic alloys



Description	Size		Order No.	MSDS	Std Pkg
	Metric	US Gal.			
Aerosol	400 ml	13.55 oz	53-F 002	L-10E	12
Sprayer	500 ml	16.9 oz	53-F 203	L-21E	12
Liquid	5 L	1.3 gal	53-F 206	L-21E	1
Liquid	20 L	5.2 gal	53-F 207	L-21E	1
Liquid	208 L	55 gal	53-F 208	L-21E	1

**Colour:** 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
Accepted in food plants	Yes
NSF approved	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 protect 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
- ▶ Allows for immediate painting
- ▶ VOC-free, solvent-free, silicone-free and biodegradable
- ▶ Odourless



Description	Size		Order No.	MSDS	Std Pkg
	Metric	US Gal.			
Sprayer	500 ml	16.9 oz	53-F 253	L-46E	12
Liquid	5 L	1.3 gal	53-F 256	L-46E	1
Liquid	20 L	5.2 gal	53-F 257	L-46E	1
Liquid	208 L	55 gal	53-F 258	L-46E	1

**Colour:** 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
Accepted in food plants	Yes
NSF approved	No
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 a state of the art anti-spatter which protects workpieces from adherence of spatter. With the addition of special and natural ingredients, E-WELD 4 retracts in the presence of heat, leaving the welding area clean of liquid.

*The only Anti-spatter preventing weld porosity*

- ▶ No weld cracking
- ▶ Corrosion resistant
- ▶ Allows immediate painting
- ▶ Effective wet or dry
- ▶ Non WHMIS controlled features
- ▶ VOC-free, solvent-free, silicone-free and biodegradable
- ▶ Formulation based on natural plant extracts
- ▶ Pleasant citrus scent



Description	Size		Order No.	MSDS	Std Pkg
	Metric	US Gal.			
Sprayer	500 ml	16.9 oz	53-F 403	L-147E	12
Liquid	5 L	1.3 gal	53-F 406	L-147E	1
Liquid	20 L	5.2 gal	53-F 407	L-147E	1
Liquid	208 L	55 gal	53-F 408	L-147E	1

**Colour:** 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
Accepted in food plants	Yes
NSF approved	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 and eliminate the disposal of aerosol cans. It refills and pressurizes reusable aerosol cans with AF-WELD and compressed air.

*Air Force AF-Weld reduces costs associated to storage, handling and disposal*

#### Did you know...

A 10 L (2.6 gal) bag-in-box of AF-Weld anti-spatter replaces as many as 36 aerosol cans!



Description	Size		Order No.	MSDS	Std Pkg
	Metric	US Gal.			
Bag-in-box	10 L	2.6 gal	57-F 005	L-141E	1
Drum	208 L	55 gal	57-F 008	L-141E	1
Refillable sprayer bottle	300 ml	10 oz	57-B 110	L-141E	6
Replacement valve kit			57-B 001		1

Characteristics	AF-Weld
Amperage range	100-225
Corrosion inhibition	Yes
Porosity reduction	Yes
Cleaning & degreasing ability	No
Paint adhesion	Excellent
VOC Free	Yes
Accepted in food plants	Yes
NSF approved	Yes
Usage	
Multi-pass welding	Suggested
Preheated workpiece	Suggested
Thin Material	Suggested
Stainless	Suggested

# REFILLABLE SPRAYERS

## Industrial Pump sprayers

Rugged and convenient sprayers designed to effectively dispense anti-spatter products. The spray pattern can easily be adjusted from a pin point jet for accurate product dispensing to a wide fan for fast surface coverage. These thick walled polyethylene bottles feature a wide neck for easy filling hundreds of times.



Description	Size		Order No.	Std Pkg
	Metric	US Gal		
E-Weld	900 ml	30.4 oz	53-L 101	1
E-Weld 3	900 ml	30.4 oz	53-L 101	1
E-Weld 4	900 ml	30.4 oz	53-L 107	1

## Refillable trigger sprayer

Sprayer equipped with precision sprayer mechanism – guarantees minimal constant spray mist/no dripping. Clearly identified with product specific labels showing product features, WHMIS information and directions for use, which results in

Description	Size		Order No.	Std Pkg
	Metric	US Gal		
E-Weld	950 ml	32.1 oz	53-L 321	1
E-Weld 3	950 ml	32.1 oz	53-L 320	1
E-Weld 4	950 ml	32.1 oz	53-L 338	1



*Sprayer equipped with precision sprayer mechanism – guarantees minimal constant spray mist / no dripping*

Contact us today to meet with a Representative for a product demonstration  
**1-888-592-5837**

**WALTER.COM**

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Available at: