

Welding Chemicals

ABICOR BINZEL has a complete line of welding chemicals to aid in all of your welding applications. A variety of anti-spatters and coolants including non-toxic formulas, ceramic based sprays, nozzle tip dip, and wire lubrication pads increase the life of your consumables - saving time and cost.



Welding Performance Products

Anti-spatter

Anti-spatters prevent the spatter build up in welding applications, eliminating the need to grind or brush the surface after welding, saving time and money in the weld process and speeding up the workflow of production.

ABI-Spray



Aerosol solvent anti-spatter. Evaporates quickly, non-flammable and can paint over without cleaning the anti-spatter.

16 oz. cans sold by the case.

P/N 192.8016 (16 oz. bottles)

ABI-Shield Ceramic Protective Spray



Aerosol ceramic anti-spatter coating. Thin coating creates a solid protective barrier against spatter on consumables, fixtures, and tools.

A single application required for 6 hours of welding means less downtime in both robotic and hand-held welding applications.

13.5 oz. cans sold by the case. Use with the Ceramic Coating Cap!

P/N 192.0228.12 (12-pack)

ABI-Shield



Surfactant based anti-spatter. Not affected by freezing and water washable.

ABI-Shield is sold in a variety of volumes. 16 oz. trigger spray bottles, 1 gallon bottles, 5 gallon container and 55 gallon drums.

P/N 192.8012 (16 oz. bottles)

P/N 192.8013 (1 gallon container)

P/N 192.8014 (5 gallon container)

P/N 192.8015 (55 gallon container)

ABI-Mist



Liquid anti-spatter for robotic welding that prevents spatter sticking on inside of nozzle and clogging. Formulated with low viscosity fluid that can be atomized in misting systems. ABI-Mist is an oil-free, water-based product that will not affect seals and materials used in welding cells. The fluid has high temperature range that will remain stable and will not evaporate.

P/N 192.8009 (1 gallon container)

P/N 192.8010 (5 gallon container)

P/N 192.8011 (55 gallon container)

Organic Anti-spatter



Oil based anti-spatter

Sold in a variety of volumes. 1 gallon bottles, 5 gallon container and 55 gallon drums.

P/N 192.9017 (1 gallon container)

P/N 192.9012 (5 gallon container)

P/N 192.9007 (55 gallon container)

Coolant

Coolants lubricate the pump, liner, gasket and seal, thus extending the time between preventive maintenance. Various coolants also minimize damaging mineral deposits that build up internally during operation.

ABI-Cool LC



An inhibited blend of deionized water and ethylene glycol. ABI-Cool has a lower viscosity and doesn't require as much power to pump. Rated -32° F / -35° C. Our new low conductivity blend increases the life span of torch necks by reducing risk of galvanic corrosion while decreasing risk of voltage leaks.

P/N 192.0232 (1 gallon container)
P/N 192.0233 (5 gallon container)
P/N 192.0234 (55 gallon container)

ABI-CoolEco



An inhibited blend of deionized water and propylene glycol, this formula is non-toxic and safe for use in areas where people may come in contact with the coolant. Its corrosion inhibitors protect iron, steel, aluminum, brass and copper components. Rated +10° F / -12° C

P/N 192.9022 (1 gallon container)
P/N 192.9023 (5 gallon container)
P/N 192.9024 (55 gallon container)

BTC-50



BTC-50 coolant protects liquid cooled welding or cutting torches from frozen cooling channels, by preventing electrolytic corrosion of the metal surfaces within these channels due to its low conductivity of $4\mu S$

P/N 192.0175 (5 Liter container)
P/N 192.0176 (20 Liter container)
P/N 192.0177 (200 Liter container)

The thermal stability and dielectric properties of coolants make them suitable for plasma, arc welding and tungsten inert gas welding systems and general industrial applications.

Accessories

Ceramic Coating Cap



The Ceramic Coating Cap was developed special for ABICOR BINZEL's Ceramic Spray. The tip of the gas nozzle and its interior can be protected in a few seconds from adhering welding spatter with the Coating Cap.

The Coating Cap offers cost savings through lower consumption while protecting both the welder and the environment. The Coating Cap also saves time and coats the nozzle in a full but light application for optimal results.

P/N 192.0256.1 (1 each)

ABI-Gel



The nozzle tip dip extends the life of the consumables. It protects the consumables during the welding operation. Spatter forming inside nozzle will not adhere and can be easily removed. Tip dip can also be brushed on parts as needed.

P/N 192.8017 (16 oz. jar)

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