Technical Sprays
Release Agents

Ceramic Anti-Spatter Spray

High-temperature-resistant release agent | protective coating for MIG/MAG welding processes

WEICON Ceramic Anti-Spatter Spray is a high-grade release agent and lubricant, which is suitable for extremely high pressures and temperatures. The spray is a ceramic protective coating for MIG/MAG welding processes. It forms an anti-spatter dry film, which prevents the adhesion of welding spatter. That way, welding tips and gas nozzles are protected. The use of the spray minimises downtimes and interruptions in the production process to clean the welding equipment. Ceramic Anti-Spatter spray is silicone-free. It protects welding heads on welding robots, welding tips and gas nozzles as well as sensitive equipment, cables, sensors etc. against the adhesion of welding spatters. It is also suitable for applications in plasma and laser cutting, brazing, aluminium extrusion, the foundry industry, sinter metallurgy, the glass industry and high-temperature furnace construction.

Technical data

Base		Ceramic/boron nitride
Odour		solvent
Colour		white
Texture		sprayable
Silicone-free		yes
Binder		organic
Minimum shelf life	at room temperature	24 mon.
Density		env. 1,2 g/ml
Solid content	(without propellant)	42 %
Application temperature		900 °C air | < 1,600 °C vacuum, inert gas *Binder decomposes > 120 °C

Approvals / Guidelines

MIL-Spec	complies with	A-A-59281

Application

Apply to welding nozzles from approx. 15 cm. To protect the surface of the workpiece, spray it from approx. 25 cm and approx. 10 cm to the right and left of the weld seam. In hollow bodies and confined spaces, do not start welding until the propellant has evaporated.

Storage

Container is pressurised. Protect from direct sunlight and temperatures above +50 °C.

Instructions for use

When using WEICON products, the physical, safety-related, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.

Available sizes

Conversion table

(°C x 1.8) + 32 = °F
mm/25.4 = inch
µm/25.4 = mil
N x 0.225 = lb
N/mm^2 x 145 = psi
MPa x 145 = psi

Nm x 8.851 = lb·in
Nm x 0.738 = lb·ft
Nm x 141.62 = oz·in
mPa·s = cP
N/cm x 0.571 = lb/in
kV/mm x 25.4 = V/mil

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