

PRODUCT INFORMATION

ANTI-SPATTER FOR LASER CUTTING: LASER-LOTION LC20A

Product

- PROTEC Laser-Lotion LC20A, 10l canister: A005.010

Accessories

- PROTEC Pump-Sprayer 500ml Z003.003
- Drain tap: Z002.001
- Automatic application systems: We provide concepts/consulting



Fluid for optimized laser cutting processes and clean laser cut parts

LASER-LOTION LC20A protects sheet metal, pipes, tubes etc. from the adhesion of spatter and slag during laser cutting. Suitable for all metal surfaces: steel, stainless steel, aluminium etc.. In particular, the underside of the sheet metal is protected from spatter/reflected slag (blow-back), and the top of the sheet metal is protected during piercing.

LC20A is safe: silicone-free, non-flammable, based on renewable raw materials.

Provides process safety, also in subsequent processes (barrel finishing, bending, welding, etc.). Compatible with all common coating processes (painting, CDC, powder coating, hot-dip zinc coating, galvanising etc.).

LC20A is mainly used on flatbed lasers for stainless steel and aluminium sheets, in industrial companies and contract manufacturing companies where maximum quality of the cut parts is required with the best cost efficiency.

Your benefits

- Improved quality thanks to spatter-free, dry and clean metal surfaces, without reworking; reduced burr formation
- Reduced cleaning effort at the slats/table on flatbed laser cutting systems (see also CE15V+)
- Increased productivity of the laser cutting machines thanks to safe start after piercing (reduced slag ring)

Application

Wet the surfaces to be protected before cutting (sheet metal, pipes, tubes or workpieces). Spray slats regularly. Application with automatic spray systems possible. Manual application with pump-sprayer, backpack sprayer or HVLP spray guns.

Notes

Check material resistance prior to first use (containers, cables, sensors, etc.).

Shake before use. Protect from frost.

pH	7,5	Flashpoint	n/a
Density (20°C)	0,99 kg/l	Ingredients	emulsion oil-in-water, vegetable based
Viscosity (DIN53211/4)	9,8 mm ² /s	Shelf life	> 6 months
Pourpoint	1°C	Storage temperature	+10°C to +25°C