

## PRODUCT INFORMATION

### COATING FLUID FOR WELDING WIRE WIRE-BALM WLS4.3

#### Artikel

- PROTEC Wire-Balm WLS4.3
  - 10l canister W002.010
  - 200l drum W002.200

#### Applikationstechnik

- Wire-Coating Station CS1  
(please read separate documentation)



#### Fluid for welding wire to optimize feeding and contacting properties

PROTEC WIRE-BALM WLS4.3 is a fluid for cleaning and coating wire electrodes for GMAW processes at wire factory level. The fluid is compliant with all types of wire, such as solid or flux-cored wires, all types of steel and stainless steel, copper coated or bare wire. Solves residues from the surface. Leads to lower and more constant feeding friction. Enhances ohmic contacting in the tip, reduces energy losses. The coating prevents corrosion and oxidation.

#### You benefits

- Optimum finish in wire production, improved shelf life with corrosion protection
- Improved Welding: Stable arc with proper ignition and less spattering
- Proven solution for higher uptime in robotic-welding processes

#### Application

Coat the wire with PROTEC WLS4.5 after the drawing process (drawing line preferred over rewinding due to lower speeds). Tandem process recommended: Apply a slightly overdosed amount of fluid, then wipe off thoroughly so that a minimal, closed and even film remains.

#### Notes

Fit a new liner before first use in the welding process.

pH	n.a.	Flashpoint	>100°C
Density (20°C)	0.88 kg/l	Ingredients	Ester oil fluid
Viscosity (20°C)	4.0 mm <sup>2</sup> /s	Shelf life	> 12 Monate
Pourpoint	-8°C	Storage temperature	+10°C to +25°C