



## Industrial Line

# Protector 111VA

Technical data sheet  
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## Oily film protector for metals

### Category:

- Protector for metals

### Applications:

- Temporary protection of metal manufactured products

### Advantages:

- Great efficacy
- Compatible with lubricant oils

## Applications

Protector 111 VA is an oily film protector for metals, which can prevent corrosion of products such as metal small parts, moulds, mechanical parts and parts of machinery. Its formulation and its low viscosity allow Protector 111 VA to penetrate also in the interstices and in the smaller holes, avoiding the development of first oxidative attack points. Protector 111 VA is also able to remove any residual water present on the piece (dewatering effect). Once the diffusion solvent has evaporated, a thin and homogeneous oily film is formed on the treated part, which is able to protect the pieces during transport, storage or warehousing. The formulation is compatible with most metals, such as aluminium, iron, steel, cast iron, brass and others.

## Method of Use

The product can be applied by brush or by immersion, in case the pieces to be treated are small. The surface must be free of traces of dirt or processing residues, such as chips, particles and traces of chemicals.

Yield: between 50 and 100 m<sup>2</sup>/litre

Resistance times in accelerated corrosion test with salt mist ASTM B117 (5% NaCl, 35 ° C, polished steel panels): 150 hours

Humidity 100% 40 ° C:  
(Polished steel panels) 4600 hours

## Technical features

Appearance	Liquid
Odour	Characteristic
Colour	Amber
Density (20°C)	0.835 g/cm <sup>3</sup>

Product for industrial/professional use. The manufacturer declines all responsibility for any damage caused by an improper use of the product.