

DINITROL 500 1K

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Solvent Free Polyurethane

- ✓ Very good adhesion on top coats
- ✓ Excellent standing properties
- ✓ Very high elasticity



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Humidity-curing / One-Component / Solvent free polyurethane

Product description

DINITROL 500 1K is a humidity-curing, one-component, solvent free polyurethane adhesive with excellent standing properties, very good adhesion on top coats, very high elasticity and easy application. With the appropriate primers DINITROL 500 1K can be used for windscreen bonding in the automotive aftermarket.

Application

The application is done by extrusion out of drums, hobbocks, foil wraps or cartridges.
The recommended application temperature is 20 - 50°C.

Safe drive away times

With single airbag: 2 hours
With double airbags: 4 hours

Shelf life

6 months for drums, 12 months for cartridges and foil wraps.

Storage requirements

Store between 0 and 35°C, in closed packaging.

Technical Properties

Appearance:	black paste	
Viscosity (Flow 4 mm / 4 bar):	40 - 60 g/min.	
Density (23°C):	Appr. 1'200 kg/m ³	
Skin formation time:	25 - 30 min. at 23°C / 50% r.h.	
Hardness Shore A hardness (DIN 53505):	Appr. 50	
Tensile strength (DIN 53504):	10.1 MPa	
Tensile strength at 100% elongation:	2.1 MPa	
Elongation (DIN 53504):	600 %	
Lap shear strength:	3 h	0.8 MPa
	24 h	3.9 MPa
	168 h	7.6 MPa

All Data and recommendations are the result of careful tests by our laboratories. They only can be considered as recommendation which correspond to the level of experience of today. The data are given in good faith. However, in view of the multiplicity of possible application and working methods we are not in a position to assume any responsibility or obligations deriving from the use of our products.

Health and safety information can be obtained from the material safety data sheet and the product label.