



Technical data sheet

MD SURFACE SEALANT

MD 5000.510

Edition: April 16

medium strength | high viscous

Base	Methacrylatester
Color	red
Smell	typical
Viscosity (25°C)	70.000–300.000 mPa.s, thixotrop
Density (25°C)	1,05 g/cm ³
Temperature resistance	-55°C to +200°C
Max. gap filling	0,50 mm
Shear strength (DIN 54452)	5-10 N/mm ²
Curing time- handling	15-30 min.
Curing time- functional	3-6 hours
Final cure	12 hours
Shelf life	24 months
Consistant class (DIN 30661)	2
Flash point	>100°C

The values are average values. They serve merely for your information, but assume no warranty.

Properties surface sealing

- MD surface sealant is a one-component adhesive which cures on contact with metal under air conclusion.
- The surface sealant hardens completely and thus has very high pressure resistance (up to 300 bar – depending on the material and size)
- The surface sealant replaces conventional solid seals and can be applied universally
- The surface sealant is supplied with different viscosities and fill gaps up to 0.5 mm
- Ideal for parts with complex shapes

Bergheimer Str. 15 | D-53909 Zülrich | Tel. 02252/94150 | info@marston-domsel.de
www.marston-domsel.de

The information in this product has been compiled to the best of our knowledge and is intended purely for information purposes. No claims can be inferred therefrom. Before use, thorough experiments should be carried out. Our brochure represents a basis. Responsibility for possible measures to protect property and persons lies with the user. Safety data sheets on the required standard are available for all products on request.



Technical data sheet

MD SURFACE SEALANT

Description to use:

Clean the two pieces which have to be bond with MARSTON CLEANER. Apply enough adhesive on the surfaces and mont them. An immediate assembly is not required, because the material only reacts after connecting the parts. Anaerobic fluid synthetic materials don't react with metal -plastic combinations, in that case you have to work with an activator. Different types with several firmness and viscosity enable an exact coordination with your individual application case and are important for the success of the bonding. The Curing can be accelerated by activators

RoHS konform

packaging	item number
10 tubes à 50 g	MFD.5.T50
10 tubes à 100 g	MFD.5.T100
6 tubes à 250 g	MFD.5.T250
25 pump dispenser á 15 g / display	MFD.5.P15
25 pump dispenser á 50 g / display	MFD.5.P50

Bergheimer Str. 15 | D-53909 Zülrich | Tel. 02252/94150 | info@marston-domsel.de
www.marston-domsel.de

The information in this product has been compiled to the best of our knowledge and is intended purely for information purposes. No claims can be inferred therefrom. Before use, thorough experiments should be carried out. Our brochure represents a basis. Responsibility for possible measures to protect property and persons lies with the user. Safety data sheets on the required standard are available for all products on request.