



MD UV Adhesive 21

September 16

medium viscous	
Physical properties of liquid adhesive	
Base	methacrylate ester
Colour	transparent
Viscosity 20°C	500 – 1.000 mPa.s
UV curing time	8 - 15 seconds
Specific gravity 25°C	1,1 g/ml
Gap filling	0,03 mm to 0,3 mm
Flash point	> 100°
Shelf life 25°C	1 Year
Physical properties of cured adhesive	
Tensile Strength (ASTM D-2095-69)	10 - 14 N/mm ²
Temperature resistance	-55°C + 120°C
Refractive Index	1,49
Light transmittance	>90%
Coefficient of thermal expansion	85 x 10mm/°C
Dielectric constant (25°C 1000 Hz)	4
Dielectric strength	10 - 12 KV/mm
Applications	<ul style="list-style-type: none">○ Communications electronics○ Consumer electronics○ Automotive electronics○ Plastic and glass processing
The values are average values. They serve merely for your information, but assume no warranty.	

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

Our information sheets and other publications are intended to provide advice based on the knowledge at our disposal. However, contents are not legally binding with regards to processing and application as these do not fall within our field influence. The right is reserved to make modifications in the interests of improvement or further development of the product.



Description

MD UV adhesives react via radiation from UV light. It then hardens within seconds. We achieve clear, high-strength bonding of materials such as glass with metal. The technique of UV hardening offers the benefit of being able to freely choose the time of hardening and short hardening times permit a higher production speed. Specific viscosities are available for every type of application.

RoHS compliant

Packaging

Item number

10 bottles á 50 g

MUV.21.F50

12 bottles á 250 g

MUV.21.F250

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

Our information sheets and other publications are intended to provide advice based on the knowledge at our disposal. However, contents are not legally binding with regards to processing and application as these do not fall within our field influence. The right is reserved to make modifications in the interests of improvement or further development of the product.