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/mm²
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	o Communications electronics o Consumer electronics o Automotive electronics o Plastic and glass processing

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

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

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

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