



Technical data sheet

MD INSTANT ADHESIVE

MD GEL.454

Rapid adhesive in gel form			
Properties liquid			
Base		Ethyl Cyanacrylate thixotropic	
Color		transparent	
Viscosity 25°C		approx. 50.000 mPa.s thixotrop	
Density		1,069 g/cm³	
Flash point		80°C	
Storage stability		12 months	
Properties cured			
Color		transparent	
Density 20°C		1,17	
Processing temperature		-55°C - 80°C	
Dielectric constant @ 10 MHz		3,5	
Dielectric lost @ 10 MHz		0,067	
Tensile Shear Strength, cured for 24 hours at 20-25°C			
	KG/CM²		KG/CM²
Rigid PVC with Rigid PVC	50-70	SBR with SBR	5-10
ABS with ABS	50-70	Steel with Stahl	200-220
Polycarbonate with Polycarbonate	70-120	Stainless steel with stainless steel	200-220
PS with PS	45-45	Aluminium with Aluminium	170-190
Natural rubber to natural rubber	5-10	Copper with copper	150-170
Neoprene with Neoprene	5-10	Steel with hard PVC	40-60
NBR with NBR	5-10	Stainless steel with neoprenes	5-10
ABS with SBR	5-10	Material breakage	
The values are average values. They serve merely for your information, but assume no warranty.			
REACH registered			
Not included in this product: Amines, benzene, benzoyl, biocides, bisphenol, DEHP, peanut oil, halogen, latex, Nanoparticles, persistent, perfluorierte surfactants, PFOA, PFOX, phthalates, silicone			

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.



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Hand strength in seconds			
ABS with ABS	50-60	NBR with NBR	5-10
Wood with wood	>60	Stainless steel with stainless steel	>60
Alu with Alu	5-15	Steel with Steel	25-70
ABS with stainless steel	>60	ABS with NBR	25-35
NBR with stainless steel	>60	Wood with ABS	>60
<p>Make sure the surfaces to be bonded are clean and dry. Dispense a drop or drops to one surface only. Apply only enough to leave a thin film after compression. Press parts together and hold firmly for a few seconds. Good contact is essential. An adequate bond develops in less than one minute.</p>			
<p>Areas of application:</p> <p>Everywhere, where porous materials are to be bonded MD GEL is used. In many areas of wood processing, machinery equipment construction, shoe-leather processing, etc. A readjustment is possible to achieve the precise fit</p>			
Storage		cool, dry, dark, optimum temperature 6°C to 8°C	
<p>RoHS compliant</p>			
packaging		Item number	
Tubes á 3 g VE 10		MGL.G.T3	
Tubes á 3 g VE 12 / blistercard		MGL.G.T3-BK	
Tubes á 20 g VE 12		MGL.G.T20	

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