



# MARSTON-DOMSEL GmbH

## Adhesive and sealing technology



### MD-Gel 454

#### Instant Adhesive

##### Liquid State

Basis	Ethyl Cyanacrylate thixotropic
Color	clear
Specific Gravity (20°C)	1,069
Flash Point (°C)	>80
Shelf Life	12 months
Boiling Point (°C)	65/6mm Hg

##### Cured State

Color	yellowish clear
Specific Gravity (20°C)	1,17
Working Temperature	-55°C - 80°C
Dielectric Constant (at 10MHz)	3,5
Dielectric lost (at 10 MHz)	0,067

##### Tensile Shear Strength, cured for 24 hours at 20-25°C

	KG/CM <sup>2</sup>		KG/CM <sup>2</sup>
Rigid PVC to Rigid PVC	50-70	SBR to SBR	5-10
ABS to ABS	50-70	Steel to Stahl	200-220
Polycarbonate to Polycarbonate	70-120	Edelstahl to Edelstahl	200-220
PS to PS	40-45	Aluminium to Aluminium	170-190
Natural rubber to natural rubber	5-10	Kupfer to Kupfer	150-170
Neoprene to Neoprene	5-10	Stahl to Hart-PVC	40-60
NBR to NBR	5-10	Edelstahl to Neopren	5-10
ABS to SBR	5-10		

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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.

# Technical Data Sheet



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### Cure Speed

ABS to ABS	50-60	NBR to NBR	5-10
Wood to Wood	>60	Stainless Steel to Stainless Steel	>60
ABS to Stainless Steel	>60	ABS to NBR	25-35
NBR to Stainless Steel	>60	Wood to ABS	>60

### Direction for use:

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.

### Areas of application:

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

### packaging:

12 tubes á 3 g (blistered)	Art.Nr. MGL.G.T3-BK
12 tubes á 20 g	Art.Nr. MGL.G.T20

# Technical Data Sheet