



Siko BV

Official distributor for: **DELO** INDUSTRIAL ADHESIVES

DELO is a world-leading manufacturer of industrial adhesives and specialist in the field of high-tech adhesive processes for technical applications

DELO-ML – Anaerobic adhesives

Technical Data



DELO-ML are one-component adhesives that cure under exclusion of air (anaerobic curing) and simultaneous contact to metal ions. They are predominantly used to secure screws, seal threads and surfaces, and bond coaxial metal components (shaft-to-hub joints, bearings, sockets). Furthermore, products with additional light or UV curing mechanisms are available. By exposing these DELO-ML materials to visible light or UV light, adhesive in edge areas can be cured fast. This is necessary to fix components within seconds, or to bond non-metals

Properties	Application areas
<ul style="list-style-type: none"> ✓ One-component, simple processing ✓ Anaerobic-curing under simultaneous catalytic influence of metal ions ✓ Products with additional UV/light curing mechanism available ✓ Various strength classifications from removable to high-strength ✓ Flexible, impact-resistant and tension-equalizing products available ✓ Excellent resistance to elevated temperatures and media ✓ Normal temperature range of use from -60 °C to 200 °C 	<ul style="list-style-type: none"> ✓ Automotive ✓ Consumer electronics ✓ Mechanical engineering <p>Further application areas</p> <ul style="list-style-type: none"> ✓ Electronics

Selection Chart				Data sheets	
Product	Viscosity (mPas)	Max. gap filling capacity (mm)	Compression shear strength (MPa)	Tensile strength (MPa)	Characteristics
5149	1.000 thix	0.25	3	Not determined	Easy to remove, securing of all threads
5198	pasty	< 0.3	5	Not determined	Easy to remove, sealing of surfaces, run-resistant
5228	300	0.13	16	Not determined	Removable threaded connections up to M10
5249	1000 thix	0.25	15	Not determined	Multi-purpose sealing of all threads, sealing of pipes, authorized for gas-operated installations
5298	Paste	< 0.3	15	Not determined	Seal of surfaces, run-resistant
5327	300	0.13	33	15	Fast, increased temperature stability, secure bonding even on slightly oily surfaces
UB160	10.000	0.25	40	14	Fast, difficult to remove, specific high-viscous setting
DB135	1.200	0.25	40	16	Fast, high-strength, for flat bonding, light curing possible, flexible, tension-equalizing
DB136	1.200	0.25	40	16	Fast, high-strength, for flat bonding, light curing possible, tension-equalizing, fluorescent color for adhesive detection
DB180	17.000	0.25	40	14	Fast, high-strength, specific high-viscous setting, for flat bonding, light curing possible, tension-equalizing, fluorescent color for adhesive detection
DB133	700	0.25	28	14	Highly flexible, impact-resistant, equalizes tensions very well, for flat bonding, UV curing possible
Other adhesive products in the DELO-ML serie are:					
DB154					
DELO-QUICK 5002		Activator, spray can 150ml.			
DELO-QUICK 5006		Activator, tin 1000ml.			

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