



Adhesive Solutions
UV light adhesives



Drei Bond

Drei Bond has a comprehensive portfolio of highly effective adhesives and sealing materials for more than 35 years. In addition to that, the company is a well-known system supplier in this sector for the automotive industry, engineering and other branches.

The range reaches from classic anaerobic adhesives to UV adhesives and high performance silicones.

Drei Bond lays the focus on ...

- ... a broad portfolio of adhesives and sealing materials
- ... a tight collaboration between the both departments "dispensing technology" and "adhesives and sealing materials"
- ... the motivation and competence to modify products in accordance with customers
- ... the motivation and competence to develop products completely new
- ... the production of small volumes for small projects
- ... the speed of reaction and flexibility of a family-operated and medium-sized enterprise.
- ... the worldwide closeness to customers because of own branches and specialists.

UV light adhesives

Drei Bond's UV light adhesives have a special feature. They harden through illumination with UV light in a certain wave length. This process takes place in seconds. Due to this process, higher cycle times in production, simplified quality controls and lower manufacturing costs will be achieved.

Drei Bond offers an extensive portfolio of adhesives which harden with UV light for several branches. In these branches it's important to achieve transparent results. Decisive for the use of an UV adhesive is to have one raw material which is permeable to UV light in order to harden the adhesive.

For special uses with shady areas, Drei Bond offers products where anaerobic and UV light adhesives can be combined.

Drei Bond's UV light adhesives

Drei Bond	Color	Base	Viscosity [mPa.s/25°C]	Maximum gap [mm]	Final curing with UV radiation/ 100 mW/cm ² – 365 nm [sec]	Temperature range [°C]	Elongation at break [%] (DIN 53504)	Shore hardness (Shore A)	gluability of substrates							Properties		
									PVC	PC	ABS	glas	flat.glas	plexiglas	crystal	porcelain	fast curing	medium strength
6020	colorless	MC ESTER	2200 – 2900	0,03 – 1,5	6 – 10	-55 – +120	60 – 100	50 – 65					•	•		•	•	•
6022	colorless	MC ESTER	5500 – 7500	0,03 – 2,0	6 – 10	-55 – +120	80 – 100	50 – 60					•	•		•	•	•
6023	colorless	MC ESTER	50 – 100	0,03 – 1,5	8 – 15	-55 – +120	60 – 100	65 – 75					•	•		•	•	•
6060	colorless	AN MC UV	1200 – 1700	0,03 – 0,30	5 – 10 sec (UV) 20 – 40 min (AN)	-55 – +120	20 – 40	60 – 70					•			•		•
6063	colorless	Urethane Acrylat	200 – 300	0,03 – 1,5	6 - (PVC, plexiglas) 55 - (PC, ABS)	-55 – +120	100 – 150	50 – 65	•	•	•	•	•	•	•	•	•	•
6066/10	colorless	AN MC UV	25 – 50	M5 – 0,07	5 – 10 sec (UV) 10 – 20 min (AN)	-55 – +150	> 80	> 30					•			•	•	

We recommend uv lamp with a minimum power of 100 mW/cm² and a wave length between 365 – 420 nm.

Drei Bond's Cleaner

Drei Bond	Properties
Cleaner	Drei Bond Cleaner is an highly effctive agent for cleaning metal and non metal surfaces of fat, oil and some other dust. Drei Bond cleaner evaporate very quick. Drei Bond cleaner are mainly used for preparation of adherend and sealing flanges.
Cleaner 3200	Drei Bond Cleaner 3200 (free of dioxolan) is an highly effctive agent for cleaning metal and non metal surfaces of fat, oil and some other dust. Drei Bond cleaner evaporate very quick. Drei Bond cleaner are mainly used for preparation of adherend and sealing flanges.



DREI BOND

www.dreibond.de

Drei Bond GmbH · Carl-Zeiss-Ring 17 · D-85737 Ismaning bei München · t +49 89 962427-0 · info@dreibond.de