



Adhesive Solutions

Synthetic Sealing Materials and Silicones



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.

Synthetic sealing materials and silicones

Synthetic sealing materials and silicone adhesives from Drei Bond will be recommended for a exercise capacity of adhesive conjunctions. The stretch of seal conjunctions allows a transmission between all adhesive surfaces and prevents permanently from wear of materials and leakages.

Drei Bond silicones and synthetic sealing materials are normally highly temperature and chemical resistant and seal nearly all raw materials permanently.

Due to the wide range of these products, it’s possible to use them in the manufacturing process instead of mechanical conjunctions like screwing or welding. Significant cost effects will be achievable!

Drei Bond’s surface seal – synthetisch / anaerobic / silicone

	Drei Bond	Color	Base	Viscosity [mPa.s./25°C]	max. gap [mm]	Handling curing time [min]	Functional curing time [min/h]	Final curing time [h]	Temperature range [°C]	Tensile strength [N/mm²]	Shear strength [N/mm²] (ISO 10123)	Elongation at break [%] (DIN 53504)	Break loose torque [Nm] (ISO 10964)	Shore hardness (Shore A)	Durability					Application			Properties		
															gas	liquid gas	water	engine + gear oil	petrol	flange sealant gear box	flange sealant engine	housing seal	thixotropy	easy removable	bad removable
synthetic	1104	grey	synth. + solvent (Xylol)	14000 – 22000	0,10	skinning ca. 8 – 12	approx. 30 min	> 24	-50 – +130 (160)	2 – 4	–	> 320	–	–	*	*	*	*	*	*	*	*	NT	*	*
	1104T	grey	synth. + solvent (Xylol)	40000 – 80000	0,10	skinning ca. 8 – 12	approx. 30 min	> 24	-50 – +130 (160)	2 – 4	–	> 320	–	–	*	*	*	*	*	*	*	*	MT	*	*
	1104-1	grey	synth. + solvent (Acetat)	17000 – 34000	0,10	skinning ca. 8 – 12	approx. 30 min	> 24	-50 – +130 (160)	2 – 4	–	> 320	–	–	*	*	*	*	*	*	*	*	MT	*	*
	1108	blue	synth. polyesterharz	> 1 Mio.	0,10	–	–	–	-55 – +120 (140)	–	–	–	–	–	*	*	*	*	*	*	*	*	NT	*	*
anaerobic	1110	white	anaerobic	25000 – 96000	0,50	15 – 30	3 – 6 h	6 – 24	-55 – +150	–	5 – 10	–	18 – 24	–	*	*	*	*	*	*	*	*	*	*	*
	1118	green	anaerobic	17000 – 60000	0,30	20 – 40	3 – 6 h	6 – 24	-55 – +150	2 – 4 (ISO 6922)	4 – 6	> 100	–	–	*	*	*	*	*	*	*	*	*	*	*
	2054	blue	anaerobic/UV	25000 – 50000	0,30	15 – 30 (UV curing = 5 – 15 sec)	–	–	-55 – +150	–	–	–	2 – 8	–	*	*	*	*	*	*	*	*	*	*	*
	5454S	green	anaerobic	20000 – 50000	0,30	15 – 30	3 – 6 h	6 – 24	-55 – +150	–	4 – 8 (ISO 4587)	–	10 – 20	–	*	*	*	*	*	*	*	*	*	*	*
	5520	white	anaerobic	25000 – 42000	0,30	20 – 40	3 – 6 h	6 – 24	-55 – +150	–	15 – 25	–	35 – 50	–	*	*	*	*	*	*	*	*	*	*	*
silicone	1207	black	Oxim	pasty	–	skinning ca. 10 – 15	–	> 24	-40 – +180 (200)	–	–	ca. 400	–	20	*	*	*	*	*	*	*	*	*	*	*
	1209	transparent	Oxim	pasty	–	skinning ca. 10 – 15	–	> 24	-40 – +200 (250)	–	–	ca. 300	–	45	*	*	*	*	*	*	*	*	*	*	*
	2210	grey	Oxim	pasty	–	skinning ca. 10 – 15	–	> 24	-40 – +170 (200)	5 (DIN 53504)	–	> 250	–	60	*	*	*	*	*	*	*	*	*	*	*

Drei Bond’s Cleaner

Drei Bond	Properties
Cleaner	Drei Bond Cleaner is an highly effective 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 effective 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

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