

Black Silicone Sealing Compound

DESCRIPTION

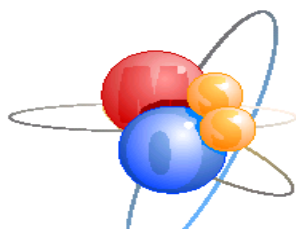
Black Silicone Sealing Compound is a heat-resistant, single-component sealant that vulcanizes under the influence of air humidity and cures to form a permanently elastic mass. Black Silicone Sealing Compound can be used to seal a wide variety of materials (e.g. metal, plastic, glass, porcelain, painted wood surfaces, etc.) in engines, transmissions, vehicles, containers, plants and heating facilities as well as in air conditioning systems.

PROPERTIES

- Resistant to loads and vibrations
- Permanently flexible
- Very wide range of applications
- Also adheres to vertical surfaces
- High temperature resistance
- Good chemical resistance
- Good weathering and UV resistance

TECHNICAL DATA

Color	: Black	
Base	: Silicone with oxime basis	
Density	: 1.22 + 0.05 g/ml	
Processing temperature	: +5°C to +40°C	
Tack free time		
at 23 °C/50 % RH	: Approx. 8 min.	
Curing rate		
at 23 °C/50% RH	: Approx. 2.0 mm/24 hrs.	
Penetration (5 sec.)	: 185 + 30 1/10 mm	DIN 51579
Movement absorption	: 25%	
Tensile stress		
(100% extension)	: Approx. 0.60 N/mm ²	DIN 52455
Shore A hardness (28d NK)	: 40 + 5	DIN 53505
Operating temperature range :	-40 °C to +250 °C, temporarily up to +300 °C	
Coating compatibility after curing :	No	
Frost resistance up to -15 °C during transportation	: Yes	
Shelf life	: 24 months (unopened)	



PRODUKTINFORMATION



AREAS OF APPLICATION

Black Silicone Sealing Compound is exceptionally well-suited to sealing housings on engines, transmissions, differentials, end covers, oil pans, valve covers, water pumps, battery boxes, headlights and other lights, etc.

APPLICATION

The surfaces to be sealed must be clean, dry and free of oil and grease. Remove cap and turn cartridge tip by 90°. Apply material evenly and immediately join parts without flash-off time. After applying, turn cartridge tip by 90° again and press cap onto nozzle.

Note: Insufficient adhesion on substrates such as PP, PE, Teflon and bitumen can be expected. This is why we recommend that you carry out an adhesion test prior to application.

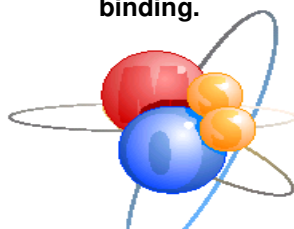
AVAILABLE PACK SIZES

Black Silicone Sealing Compound

200 ml aerosol Part no. 6185 D-GB-F-I-E-NL-P
200 ml aerosol Part no. 2859 D-DK-FIN-N-S

PI 03/09/11

Our information is based on thorough research and may be considered reliable, although not legally binding.



LIQUI MOLY GMBH
Jerg-Wieland-Str. 4
D-89081 Ulm-Lehr

Postfach 28 29
D-89018 Ulm
www.liqui-moly.de

Phone: +49-(0)731/1420-13
Fax: +49-(0)731/1420-82
e-mail: info@liqui-moly.de

Service Hotline: 0800/8323230
Technische Hotline: +49-(0)731/1420-13