



CLEAR GEL

Two-component gel based on silicon

to protect electrical components and LEDs

Sealing, high-transparent two-component sealing compound for a reliable protection to electrical components. Suitable for opto-electronic applications like e.g. sealing of LEDs and lighting installations

Characteristics

- Permanently high transparent
- In practical and easy-to-use two-chamber bags
- Favourable flow properties
- Application-oriented variants
- Non-labelled and non-toxic
- Vibration damping
- Removable
- Flexible
- Halogen free
- UV rays stable
- Seals and protects all electrical installations

Application/Suitability

- Indoor (also with high humidity level)
- Outdoor
- Branch and connection boxes
- Protection against moisture (IP 68 protection class in a suitable box)
- For electrical systems up to 1 kV

Storage conditions/Shelf life

- 24 months at ambient temperatures between 0 °C and 40 °C



Scope of delivery

CLEAR GEL component A and component B in two-chamber bags

Type	Content ml	Art.-No.
CLEAR GEL	80	364031
	150	364032
	250	364033
	350	364034
	500	364035

Technical data	Value	Test standard
Viscosity (23 °C)	1000 mPa x s	ISO 2555
Pot life (23 °C)	15 min	EN 60684-2
Dielectric strength	≥ 15 kV/mm	EN 60243-1
Specific volume resistivity	≥ 2 x 10 ¹⁴ Ω x cm	HD 429
Mixing ratio	1 : 1	
Working temperature	15 °C up to 30 °C	
Temperature resistance	-40 °C up to 150 °C	