

## 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.



### Product description

Article name	CLEAR GEL 500
Article number	364035

<b>Characteristics</b>	<b>Applications</b>
Permanently high transparent	Indoor areas (also with high humidity levels)
Favourable flow properties	Outdoor
Application-oriented variants	Branch and connection boxes
Non-labelled and non-toxic	Protection against moisture (IP 68 protection class in a suitable box)
Vibration damping	For electrical systems up to 1 kV
Removable	
Flexible	
Halogen-free	
UV rays stable	
Seals and protects all electrical installations	

## Technical data

Article name	CLEAR GEL 500
Article number	364035
Content	500 ml
Viscosity (23 °C)	1000 mPas
Viscosity (associated standard)	ISO 2555
Processing time (pot life) (23 °C)	15 minutes
Processing time (pot life) (23 °C) (associated standard)	IEC 60684-2
Density	0.97 g/cm <sup>3</sup>
Mixing ratio	1 : 1
Working temperature min	15 °C
Working temperature max	30 °C
Heat resistance min	-40 °C
Heat resistance max	150 °C
Specific volume resistivity	≥ 2 x 10 <sup>14</sup> Ω cm
Specific volume resistivity (associated standard)	HD 429
Dielectric strength	≥ 15 kV/mm
Dielectric strength (associated standard)	IEC 60243-1

## Logistics data

Article name	CLEAR GEL 500
Article number	364035
Delivery scope	CLEAR GEL component A and component B in two-chamber bags
Shelf life	24 Month
Storage temperatur max	40 °C
Storage temperatur min	0 °C
Country of origin	China
Customs tariff number	39100000
EAN/GTIN	4010311177649

## Packaging data

Packaging type	Case	Pal. OW
Content quantity	1	240
Unit of measure	Piece	Piece
Lenght (mm)	227	1200
Width (mm)	183	800
Height (mm)	35	550
Net weight (kg)	0.554	132.96
Gross weight (kg)	0.554	132.96