

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 250
Article number	364033

Characteristics
Permanently high transparent
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

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

Technical data

Article name	CLEAR GEL 250
Article number	364033
Content	250 ml
Viscosity (23 °C)	1000 mPas
Viscosity (associated standard)	ISO 2555
Pot life (23 °C)	15 minutes
Pot life (23 °C) (associated standard)	IEC 60684-2
Density	0.97 g/cm ³
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	$\geq 2 \times 10^{14} \Omega \text{ cm}$
Specific volume resistivity (associated standard)	HD 429
Dielectric strength	$\geq 15 \text{ kV/mm}$
Dielectric strength (associated standard)	IEC 60243-1

Logistics data

Article name	CLEAR GEL 250
Article number	364033
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	4010311177625

Packaging data

Alternative unit of measure	Case	Pal. OW
Base quantity	1	420
Base unit of measure	Piece	Piece
Lenght (mm)	186	1200
Width (mm)	152	800
Height (mm)	27	550
Net weight (kg)	0.289	121.38
Gross weight (kg)	0.289	121.38