

Description:

Relicon® KH 67 is a transparent, removable, flexible two component gel based on hydrocarbon resins. It is especially suitable for use with junction boxes in the low- voltage range. This very hydrophobic gel was developed for the electrical insulation and protection from dampness of cable joints. After hardening KH 67 is characterised by its excellent resistance to dampness, its outstanding insulating properties as well as its very good chemical resistance.

Application:

Electrical insulation and protection from dampness in the low- voltage range. It is particularly suited to filling or manufacturing junction boxes, telecommunication and signal cables.

Properties:

Non- toxic according to the current CLP directive
 No danger to health during processing
 Silicone and isocyanate- free
 Excellent flow behaviour and ventilation
 Removable
 Flexible
 Halogen-free
 Connections can be checked directly by seeing that the piercing channel closed again
 Vibration- dampening properties
 Outstanding insulating properties
 Hardens without any build-up of heat
 Resistant to salt water

Processing properties:

Mixing ratio (weight)	A:B	100:67
Pot life	bei 23°C	40 min.

Physical properties:

Component A		
Density at 20°C	0,95 g/cm³	DIN EN ISO 2811-2
Viscosity at 25°C	800 mPa·S	EN ISO 2555
Component B		
Density at 20°C	0,96 g/cm³	DIN EN ISO 2811-2
Viscosity at 25°C	6000 mPa·S	EN ISO 2555
Mixed gel		
Density at 20°C	0,95 g/cm³	DIN EN ISO 2811-2
Viscosity at 5°C	3000 mPa·S	EN ISO 2555
Viscosity at 23°C	2000 mPa·S	EN ISO 2555

Mechanical properties:

Temperature resistance	-40 / +90°C
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Electrical properties:

Dielectric strength 23°C	> 15 kV/mm	EN 60243-1
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Storage:

Das Relicon® KH 67 must be stored in the original packaging at ambient temperatures of between 5°C and 40°C. When stored appropriately, the product will last for 36 months.

Safety information:

Safety information relating to the potential effects on health, safe handling, storage, usage and disposal of the product can be found on our product- specific safety datasheet.

Article- No.	Typ	ml / g
435-00800	RELICON KH67 CL 180	180 / 171
435-00801	RELICON KH67 CL 250	250 / 238
435-00802	RELICON KH67 CL 600	600 / 570
435-00803	RELICON KH67 CL 750	750 / 713
435-00804	RELICON KH67 CL 1200	1200 / 1140

**NO LABELING
REQUIRED**

**SVHC
free**

**REACH
1907/2007**

RoHS

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