

Description: Relicon® KH 100 is a transparent, removable, flexible two component gel based on hydrocarbon resin in a commercially available 250 ml cartridge.
It is especially suitable for use for junction boxes in the low voltage range, which are located in a humid environment or in the ground.
After hardening Religel 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: Easy and fast grouting with help of a commercially available cartridge mastic gun
Commercial cartridges mastic gun and mixing tube
Non- toxic according to the current CLP directive
No danger to health during processing
Silicone and isocyanate- free
Excellent flow behaviour and ventilation
Halogen-free
Removable
Flexible
Connections can be checked directly by seeing that the piercing channel closed again
Vibration- dampening properties
IP68 possible
Outstanding insulating properties
Hardens without any build-up of heat

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

Physical properties:

Component A	Component B	Mixed gel
Density at 20°C	0,95 g/cm³	0,95 g/cm³
Viscosity at 25°C	1200 mPa*s	2000 mPa*s
Density at 20°C	0,96 g/cm³	0,95 g/cm³
Viscosity at 25°C	2000 mPa*s	2000 mPa*s
Viscosity at 5°C		1500 mPa*s
Viscosity at 23°C		

DIN EN ISO 2811-2
EN ISO 2555
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Mechanical properties: Temperature resistance -40 / +90°C

Electrical properties: Dielectric strength 23°C > 20 kV/mm EN 60243-1

Storage: Das Relicon® KH 100 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 18 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.

Artikel-No.	Typ	ml / g
435-00805	RELICON KH100 CL 250	250 / 238



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