

# Raychem

## KGEL-IP68

IP68 rated, self repairing gel & accessories for void filling to 400V

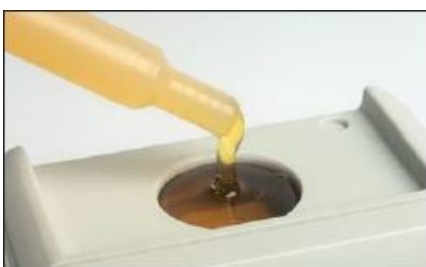


### Application:

The GUROSIL Gel filled OBO Junction Box T40 is designed to protect electrical connections from the ingress of water used in rooms with high humidity effects as well as in outdoor applications. GUROSIL Gel is a soft-elastic hardening, amber cold casting compound that is based on hydrocarbon resins. Quick and clean casting is simple with the help of custom-ary caulking guns, so no special tools are required. It is easy to remove, repairable and self-resealing. Electrical connections can be tested and repaired quickly where required, even after installation had been finished.

### Features and Benefits:

- IP68 proven casting system
- Provides reliable protection against humidity, mechanical shock and vibration
- Quick, easy and clean to install using standard caulking guns
- Very good electrical insulation
- Soft-elastic, transparent, self-repairing and self-resealing
- Easy to remove (GUROSIL Gel)
- Halogen-, silicon- and isocyanate-free
- Environment-friendly and not subject to labeling requirements



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*This gel can be purchased as the gel on its own or complete with the junction box and terminal strips. This means you can use the Gurosil gel independently of the junction box in an application where the Junction Box is not suitable. We also supply the mixer nozzle on its own so that the gel cartridge can be reused if the full 250ml isn't dispensed in the application.*

TECHNICAL DATA	
<b>Application:</b>	Rooms with high humidity effect or outdoor use
<b>Protection Class:</b>	IP68, tested up to 18M water depth for over 1000h
<b>Nominal Voltage:</b>	400V
<b>Dielectric Strength:</b>	>20kV/mm
<b>Cable Diameter:</b>	6 x 1mm <sup>2</sup> , 5 x 1.4mm <sup>2</sup> or 4 x 2.5mm <sup>2</sup> per connection
<b>Cable Entry:</b>	7 x M25 including plug-in seals for cable diameter 4-20mm
<b>Terminal System:</b>	Terminal block 4mm <sup>2</sup> , 5-poles, pluggable
<b>Enclosure Material:</b>	Shock-resistant and flame retardant plastic material
<b>Enclosure Colour:</b>	Light grey (RAL 7035)
<b>Dimensions:</b>	L x W x H: 90 x 90 x 52mm

**KGEL-IP68-RF**



**KGEL-IP68-JB**



**KGEL-IP68-NOZZLE**



ORDERING OPTIONS	
Part Number	Description
KGEL-IP68-RF	GUROSIL Gel Cartridge (250ml) Including Mixer Nozzle
KGEL-IP68-JB	GUROSIL Gel Cartridge (250ml) Including Mixer Nozzle, Terminal Strip & Junction Box
KGEL-IP68-NOZZLE	Turbo Mixer Nozzle for Re-use of Partial Portion of KGEL-IP68-RF