Ray Gel

Insulating, sealing, re-enterable fast cross linking bicomponent silicone gel for telephone and intercom systems and for LED and display protection.

- Quick cross linking
- Antioxidant protection
- Low temperature resistant
- Non-toxic and safe with no shelf life

Gel: UL 94-HB

Dielectric strength:
>23 kV/mm
Cross linking time:
fast (about 3 min. at 30°C)
Volume resistivity:
>1,5 x 10^{15} Ω cm
Operating temperature:
-60°C / +180°C
Thermal conducitivity:
< 0,2 W/m°K
Dielectric constant:
< 7
Degree of protection:
IP68 (in proper casings)

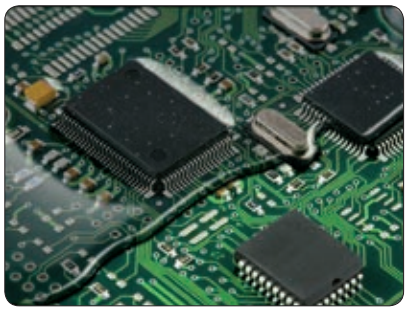
IP68 OFFICIALLY TESTED | IMQ

RED

- Specially formulated for UV resistance
- Suitable for "surface" installations
- Ideal for intercom systems

TRANSPARENT

- Excellent transparency
- Does not opacify
- Ideal for protecting printed circuit boards, for sealing displays, for insulating and sealing LEDs



Ray Gel / Bag Gel

Product	Colour	Package type	Total quantity
Bag Gel 200-T	○	Bicomponent single dose bags	200 gr
Bag Gel 400-T	○		400 gr
Bag Gel 200-R	●		200 gr
Bag Gel 400-R	●		400 gr
Ray Gel 300-T	○	2 bicomponent bottles	300 gr
Ray Gel 1000-T	○		1000 gr
Ray Gel 300-R	●		300 gr
Ray Gel 1000-R	●		1000 gr
Ray Gel 10K-T	○	2 bicomponent boxes	10 kg
Ray Gel 20K-T	○		20 kg
Ray Gel 10K-R	●		10 kg
Ray Gel 20K-R	●		20 kg

Problem TELECOM

What does a gel for this type of system have to give?

- **SEALING:** Installations also possible in humid environments, flooded wells
- **DEGREE OF PROTECTION:** IP68 in proper casing
- **PREVENTION FROM OXIDATION:** Contacts in Telecom connections shouldn't give attenuations (low signal currents)
- **HIGH INSULATION FLUIDITY:** During casting, the the insulation has to fill all interstitial spaces between the cores of the cable
- **ANTICRACKING:** Insulation in the permanently cold joint should not crack at low temperatures
- **INSULATION:** The filler should be an insulating component

Solution:* *Ray Gel meets all your Telecom system requirements