



Insulating and sealing gel and paste line MAX

Let us introduce

MAX

Products for protection and sealing of cables,
electric and electronic connections

ISOL GEL



PRONTO GEL



ISOL GOMMA



MAGIC GOMMA





- Re-enterable product
- Do not store below 5°C
- Non-toxic and safe
- Rapid setting 10 minutes at 23°C
- Internal protection IP68

This two-component liquid gel is suitable for external applications and it gives an excellent insulation of any electrical connection in humid environments, use only horizontally in order to avoid any product leakage.

WARNING: Keep away from amine, metallic salts, sulphides and plasticines which could spoil the correct use.



Pour the component A



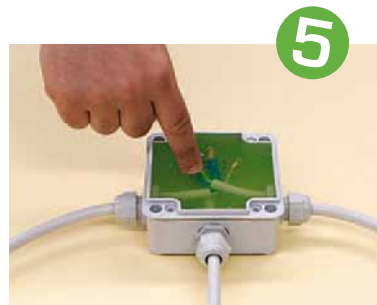
Pour the component B



Mix well for 30"



Pour the product into the box



Wait for reticulation time 10'



Installation complete

PRONTO GEL



- Re-enterable and Reusable product
- Do not store below 5°C
- Non toxic and safe
- Ready to use
- Internal protection IP67

This innovative one-component gel in paste is ideally suitable for existing applications, it gives excellent insulation, it is a ready to use product both horizontally and vertically.

WARNING: Keep away from amine, metallic salts, sulphides and plasticines which could spoil the correct use.



Take the product



Apply the product on the bottom



Cover the contacts with the product



Make the product overhang



Installation complete



- Re-enterable product
- Do not store below 5°C
- Non-toxic and safe
- Rapid setting 15 minutes at 23°C
- Internal protection IP68

This two-component liquid rubber is suitable for extreme applications (swimming-pool lighting, pumps for wells, submerged derivations, usage in the nautical field) and it gives an excellent insulation of the electrical connection..

WARNING: Keep away from amine, metallic salts, sulphides and plasticines which could spoil the correct use.



Pour the component A



Pour the component B



Mix well for 30"



Pour the product into the box



Wait for reticulation time 15'



Installation complete

MAGIC GOMMA



- Re-enterable product
- Do not store below 5°C
- Non-toxic and safe
- Rapid setting 6 minutes at 23°C
- Internal protection IP66

This two-component paste is suitable for several applications, such as: insulation of cables, sealing of cable glands, anti-vibration feet, gaskets, staff angles, buffers, protection shells, insulating supports, terminals and so on.

WARNING: Keep away from amine, metallic salts, sulphides and plasticines which could spoil the correct use.



Take the component A



Take the component B



Mix well for 30"



Apply the product onto the contacts



Installation complete



This new kit is particularly functional, it reduces the time required to prepare the product, it is more economical and grants the maximum cleanliness during the application and it is re-enterable. It is supplied with terminal box, terminals, cable glands and gel in a case.



Remove the edges



Trim with a box cutter



Apply cable glands



Make the connections



Remove the separator



Mix well the two fluids
















Pour the product into the box



Wait for reticulation time 5'



Installation complete

APPLICATION SECTORS						
		ISOL GEL	PRONTO GEL	ISOL GOMMA	MAGIC GOMMA	GEL KIT
	Building	•	•	•	•	•
	Thermo hydraulic			•	•	
	Hydraulic			•	•	
	Gardening	•	•	•	•	•
	Swimming pools	•		•		
	Naval			•		
	Conditioning			•	•	
	Car wash	•	•	•	•	•

APPLICATION SECTORS					
	ISOL GEL	PRONTO GEL	ISOL GOMMA	MAGIC GOMMA	GEL KIT
Camping			•	•	
Camper	•		•		•
Intercom	•	•	•		
<i>Alternative</i>	•	•	•	•	•
Switchboards				•	
Electronics	•		•		•
Plant	•	•	•	•	•
Lighting	•	•	•		•

TECHNICAL FEATURE		ISOL GEL	PRONTO GEL	ISOL GOMMA	MAGIC GOMMA	GEL KIT
Physical properties	Material type	Two component	One component	Two component	Two component	Two component
	Appearance	Liquid	Paste	Liquid	Paste	Liquid
	Standard colors	Green	Transparent	Dark grey	Green	Green
	Density	0,97	0,97	1,2	1,6	0,97
	Workability	About 5 min	-	About 5 min	About 2 min	About 5 min
	Reticulation (Pot life) at 23°C	< 10 min to 23°C	-	< 15 min to 23°C	< 6 min to 23°C	< 10 min to 23°C
	Viscosity	≤ 1000 MPas	-	≤ 7000 MPas	Ductile and malleable	≤ 1000 MPas
Thermic properties	Operative temperature [°C]	-50°C to +200°C	-50°C to +200°C	-50°C to +350°C	-50°C to +200°C	-50°C to +200°C
	Overload temperature [°C]	250	250	250	250	250
	Thermic conductivity [W/mK]	< 0,2	< 0,2	< 0,2	< 0,2	< 0,2
	Fire reaction	Self-extinguishing	Self-extinguishing	Self-extinguishing	Self-extinguishing	Self-extinguishing
Electrical properties	Dielectric rigidity [kV/mm]	> 23 kV/mm	> 23 kV/mm	> 23 kV/mm	> 23 kV/mm	> 23 kV/mm
	Dielectric constant	2,85	2,85	2,86	-	2,85
	Volume resistivity Ω cm	5,60 x 10 ¹³	4,50 x 10 ¹⁴	2,50 x 10 ¹⁵	-	5,60 x 10 ¹³
Mechanical properties	Ultimate elongation %	-	-	300	-	-
	Traction breaking load (Mpa)	-	-	3,00	3,20	-
	Hardness (Shore A)	Gel	Gel	28	50	Gel
Storage	Storage temperature	5°C to 30°C	5°C to 30°C	5°C to 30°C	5°C to 30°C	5°C to 30°C
	Expiry date	No expiry date	No expiry date	No expiry date	No expiry date	No expiry date

			ISOL GEL	PRONTO GEL	ISOL GOMMA	MAGIC GOMMA	GEL KIT
<i>INTERNAL PROTECTION</i> (According IEC529)							
IP66	6	Total protection against penetration of solid objects and dust				•	
	6	Protection against penetration of liquids from spray, storm surges and strong jets of water in any direction				•	
IP67	6	Total protection against penetration of solid objects and dust		•			
	7	Protection against temporary immersion in water for 30 minutes at 1 meter depth		•			
IP68	6	Total protection against penetration of solid objects and dust	•		•		•
	8	Protection against permanent immersion in water 1 meter deep	•		•		•


CE

<i>Bicomponent liquid gel</i>	
Item	ISOL GEL
GSB030	 2 bottles of 150 g
GSB030B	
GSB1	 2 bottles of 150 g 1 measuring pitcher 1 spatula
GSB10	
GSB1	 2 bottles of 500 g 1 measuring pitcher 1 spatula
GSB10	
GSB10	 2 bottles of 5 kg 1 measuring pitcher 1 spatula

<i>Bicomponent liquid rubber</i>	
Item	ISOL GOMMA
GLB030	 2 bottles of 150 g 1 measuring pitcher 1 spatula
GLB1	
GLB1	 2 bottles of 500 g 1 measuring pitcher 1 spatula

<i>Bicomponent gel kit</i>	
Item	ISOL KIT
GI-BOX80	 1 bag of 300 g 1 box 80x80x40 mm 3 cable glands M20 4 terminals of 4mm ²
GI-BOX100	
GI-BOX100	 1 bag of 400 g 1 box 100x100x60 mm 3 cable glands M20 4 terminals of 4mm ²

CE

<i>Monocomponent gel in paste</i>	
Item	PRONTO GEL
GSM030	 1 can of 300g
GSM1	
GSM1	 1 can of 1 kg

<i>Bicomponent liquid gel</i>	
Item	ISOL PACK
GSB030BL	 1 bag of 300 g
GSB040BL	
GSB040BL	 1 bag of 400 g

CE

<i>Bicomponent rubber in paste</i>	
Item	MAGIC GOMMA
GPB050	 2 can of 250 g
GPB050	

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Raytech International Ltd.
Coldnose Road
Rotherwas Ind. Estate
Hereford
HR2 6JL
UK

Tel: 01432 340833
Fax: 01432 340844
Email: sales@raytech.uk.com
Internet: www.raytechgel.co.uk