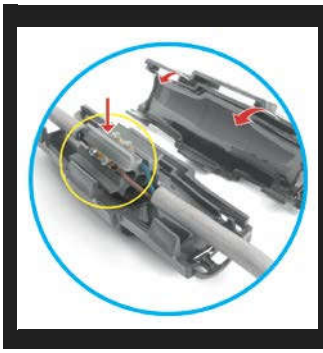


Raytech
Leader in Quality

TECHNICAL DATA SHEET



GEL FOR PREFILLED JOINT

Polymeric Gel on elastomeric cross linked base, chemically inert and absolutely no toxic.
The product is used for the filling of **all RAYTECH PREFILLED joints**:
CLIK, **RAPID**, **KING** and for accessories **GALACTIC MAMMUT SECURITY**, **GALCATIC NANO JOINT, MAMMUT GEL COVER**, **MCA UNIVERSAL** and **GEL BOX LINE (Isaac, Pascal, Kelvin, Watt)**.

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
Colour			Clear and transparent
Density	ASTM D792	Kg/dm³	0,97
Thermal conductivity	DIN 52612	W/mK	0,2
Working temperature		°C	150
Max thermal stability temperature (without physical variations)		°C	=> 200°C
Coefficient of linear expansion		K-1	2,9 .10 exp-14
Penetration: Initial After aging	ASTM D 217/C	x 0,1 mm	 340 290
Dielectric strength	DIN 53481	kV/mm	25
Volume resistivity		Ω cm	2,4 x 10exp 15
Permittivity	DIN 53483		2,95 at 100 Hz 2,95 at 100 kHz
Power factor			0,0025 at 100Hz 0,00015 at 100 kHz

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R.E.A. 1458135 • Iscr. Reg. Imp. MI 11325760152 • Capitale Sociale € 78000,00 i.v. • Part. IVA e C.F. 11325760152

Gel: UL 94-HB

Degree of protection: IPX8

Operating temperature 90°

Installation temperature: -40°C / +50°C

Fully submersible

Can be used underground

Gel Box Line

- To put household systems in order
- For civil and industrial connections
- Also for submerged use
- Non-toxic and with no shelf life
- Versatile and ready to use
- Designed with dimensions suitable for the most commonly used connectors







Isaac

C B A

Product	Description	Package	Internal dimensions (mm)
Isaac 4	x 4 pieces	Blister	A x B x C 30 x 24 x 23
Isaac 4 P30	x 30 pieces	Box	
Isaac 4 MP *	x 50 pieces	Multipack	

* Also available the flame retardant version in the following colours: yellow, orange, blue or black

max 2 wires max 2.5 mm²

max 3 wires max 4 mm²

max 2 wires max 2.5 mm²



Pascal

C B A

Product	Description	Package	Internal dimensions (mm)
Pascal 6	x 2 pieces	Blister	A x B x C 38 x 30 x 26
Pascal 6 P15	x 15 pieces	Box	
Pascal 6 MP *	x 25 pieces	Multipack	

* Also available the flame retardant version in the following colours: yellow, orange, blue or black

max 3 wires max 2.5 mm²

max 5 wires max 2.5 mm²

max 3 wires max 1.5 mm²

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Watt



Product	Description	Package	Internal dimensions (mm)
Watt	x 2 pieces	Blister	A x B x C 30 x 38 x 26
Watt P15	x 15 pieces	Box	
Watt MP *	x 25 pieces	Multipack	

* Also available the flame retardant version in the following colours: yellow, orange, blue or black


max 5 wires
max 4 mm²


max 3 wires
max 2.5 mm²

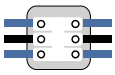


Kelvin



Product	Description	Package	Internal dimensions (mm)
Kelvin	x 1 pieces	Blister	A x B x C 45 x 45 x 30
Kelvin MP *	x 20 pieces	Multipack	

* Also available the flame retardant version in the following colours: yellow, orange, blue or black


max 3 wires
max 6 mm²


max 3 wires
max 6 mm²

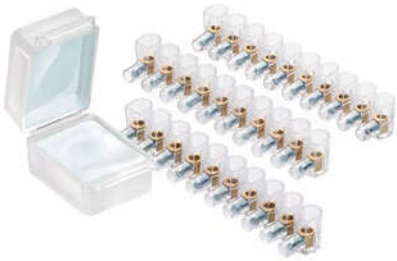


Watt +



Product	Description	Package	Internal dimensions (mm)
Watt + 1.5	10 pieces + 30 connectors/terminations da 1,5 mm²	Box	A x B x C 30 x 38 x 26
Watt + 2.5	10 pieces + 30 connectors terminations da 2,5 mm²	Box	


max 3 wires
max 2.5 mm²



Kelvin +



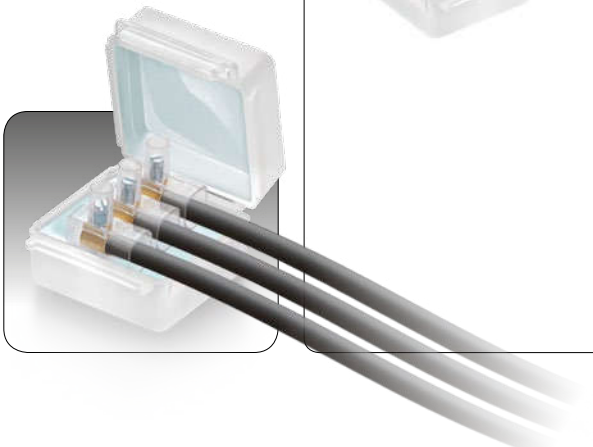
Product	Description	Package	Internal dimensions (mm)
Kelvin + 4	10 pieces + 30 connectors/terminations da 4 mm²	Box	A x B x C 45 x 45 x 30
Kelvin + 6	10 pieces + 30 connectors/terminations da 6 mm²	Box	


max 3 wires
max 6 mm²









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