



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/dm ³	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

ACCESSORIES
PRE-FILLED WITH GEL
for free connections

Gel: UL 94-HB

Degree of protection: IPX8

Operating temperature  90°

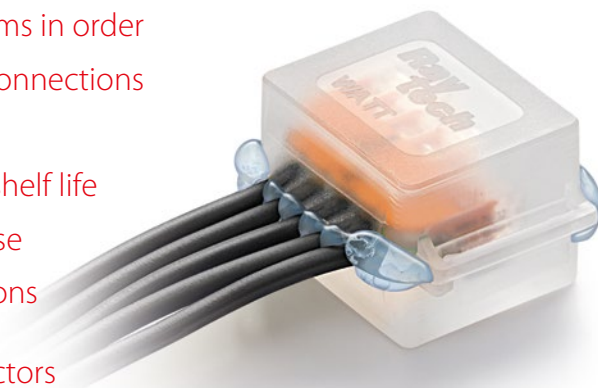
Installation temperature:  -40°C / +50°C

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



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



Pascal



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



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
Kelvin MP *	x 20 pieces	Multipack	45 x 45 x 30

* 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



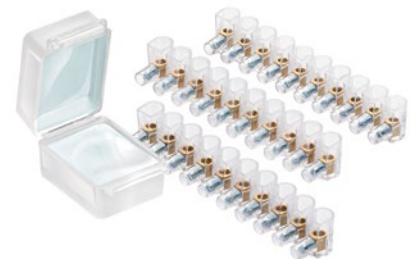
Watt +



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



max 3 wires
max 2.5 mm²



Kelvin +



Product	Description	Package	Internal dimensions (mm)
Kelvin + 4	10 pieces + 30 connectors/terminations da 4 mm ²	Box	A x B x C 45 x 45 x 30
Kelvin + 6	10 pieces + 30 connectors/terminations da 6 mm ²	Box	



max 3 wires
max 6 mm²

