

PRICE LIST

JANUARY 2025

**Ray
tech®**



LUCAS
Since 1934



ISSUE I



Listed in **LUCKINS™**

ISSUE I

Visit Our Website



ONLINE ORDERING

COMING SOON

www.ghlucas.co.uk



1934

1940-46

The company was run by George's wife Mary while he served as an officer in the RAF.

1970

Donald Lucas entered the business now at Thornfield House in Altrincham. While passing his father on the stairs the only words spoken by his father were "good luck son".

1952

The company relocated to 7 Albert Place in Manchester.

1978

G H Lucas relocated to Stamford Park Road in Altrincham and had additional distribution facilities in Glasgow, Leeds and Birmingham. By this time we were master distributors for the likes of Swifts cable tray, Hawke cable glands, Pirelli Components, B-Line, Gewiss and CTL.

1989

G H Lucas relocated to Century Park in Altrincham to a high tech warehouse and office facility.

2007

GH Lucas becomes UK distributors for Raytech International of Italy inventors of Magic Gel which is launched in the UK revolutionising how electrical connections are waterproofed.

2012

Continued success of the GH Lucas name headed by Nick Lucas, son of Don enables a move to Cheadle.

2015

Julian Duke joins the Company as a sales agent for the Midlands area.

2018

Julian & Rita Duke acquire shares in the Company and GH Lucas relocates to Telford.

2023

GH Lucas starts to increase brands, becoming UK distributors for Link2Home & QBrick products.

2024

Additional brand of Tolsen Tools added & Lucas products start to be developed.

2024

G H Lucas & Co. was founded by George Harold Lucas as a manufacturers' agent with an office on King Street in Manchester.



ABOUT G H LUCAS

Established in 1934, G H Lucas & Co Ltd has built a reputation as one of the leading suppliers of cable glands and electrical installation equipment to the UK wholesale trade, both as a re-seller of its own range of quality products and also as a distributor for many major manufacturers.

With extensive stock holdings and distribution at our new depot in Telford the company is ideally placed to meet all requirements for electrical installation equipment.

Thanks to a new generation of management, over the past decade, GH Lucas & Co Ltd has evolved to become a leading organisation for manufacturers of innovative electrical products to enter the UK market.

When combining our expertise in branding, marketing, sales and distribution with the latest technology and over 80 years of industry knowledge, G.H. Lucas has quickly become one of the most creative, adaptable, forward thinking and innovative companies within the electrical industry.

LUCAS

ABOUT RAYTECH

Raytech, located near Milan, is the company with the widest range of accessories and components for electrical cables in the world in terms of production.

Passion for design and innovation has allowed Raytech to evolve and adapt to the needs of constantly expanding national and international market standards, without ever skimping on the same scrupulous quality which has always distinguished them in the production field.

The performance specifications of Raytech products have been tested and certified inside their laboratories to ensure maximum reliability.

Raytech's focus on sustainability has been awarded the 2023 Silver Medal by EcoVadis, a leading provider of corporate social responsibility assessments. This recognition validates their efforts to reduce environmental impact, improve working conditions, and promote ethical practices throughout their supply chain.



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JOINTS 34

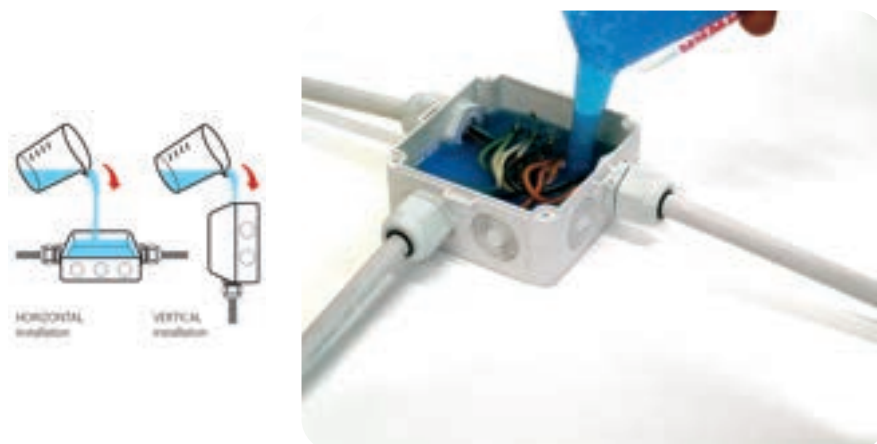
JOINTING BOXES 47

Ray tech®

MAGIC GEL

Two-component gel with very high dielectric and thermal characteristics, ideal for connection systems (joint shells or enclosures) for power cables.

The insulating and sealing gel, when cast in suitable casings, ensures an IP68 degree of protection and it is able to replace all types of resins. This is a self-sealing insulation polymeric type in two practical bottles or in a single use bag, with cold cross linking. Once poured, the insulation, characterized by very low viscosity, surrounds and envelopes any type of material, cross linking in less than 10 minutes. Completely non-toxic, cross linking with a very low isothermal peak that does not thermally stress the materials it comes into contact with.



ENERGY

WHAT DOES A GEL FOR THIS TYPE OF SYSTEM HAVE TO GIVE?

INSULATION: Elevated voltages (1 kV operating, 4 kV testing)

THERMAL PERFORMANCE: Operating temperature 90°C, overload temperature 130°C, short circuit temperature 250°C

SEALING: Installations also possible in humid environments, flooded wells

DEGREE OF PROTECTION: Must also work with water between the cores of the cable

CERTIFIED SYSTEMS: The combination of insulation gel + casing must comply with current standards CEI 20-33 and EN 50393

SOLUTION

MAGIC GEL meets all your Energy System requirements!

ADVANTAGES

- For high temperature applications
- Quick cross linking (only 10 minutes)
- Re-enterable also after long working periods
- Low viscosity
- No limited shelf life



MAGIC GEL

SPECIFICATION

Gel: UL 94-HB 
 Dielectric strength: >20 kV/mm
 Cross linking time: Fast (about 10 min. at 23°C)
 Volume resistivity: >2 . 10¹⁵ Ω cm
 Working temperature: -60°C / +200°C
 Overload temperature for short periods: Up to 250°C
 Stabilised for: Mould - UV
 Degree of protection: IP68 (in proper casings)

IP68
OFFICIALLY
TESTED



Magic Gel protects against dust and seals the connections from the effects of continuous immersion in water when it is poured into casings protected from the ingress of solid bodies, thus helping to create a **IP68** system.

MAGIC GEL

Colour: Blue
 Includes one jug and wooden spatula (Magic Gel 300 excluded)

ITEM / PART NO	PACK OF	TOTAL SIZE	TRADE
MAGIC GEL 300	2 bottles	300ml	£17.36
MAGIC GEL 420	1 single, 2-component bottle	420ml	£22.28
MAGIC GEL 1000	2 bottles	1000ml	£40.50
MAGIC GEL 2000	2 single, 2-component bottles	2 x 1000ml	£80.21
MAGIC GEL 10000	2 tanks	10 litres	£374.55
MAGIC GEL COMBI PACK I	Variety of bottles	6.06 litres	£292.50



MAGIC GEL COMBI-PACK

Perfect for trade counter display
 Includes a range of different sizes, suitable for display
 Designed with electrical wholesalers in mind
 Offers more consumer options, increasing sales

Includes:
 3 x MAGIC GEL 1000
 3 x MAGIC GEL 420
 6 x MAGIC GEL 300

TRADE
£292.50



MAGIC GEL SPRINT

Insulating and sealing gel with very high dielectric and thermal characteristics, ideal for POWER cables, TELECOM cables and ELECTRONICS CIRCUITS.

Magic Gel Sprint is formulated for an extra fast curing directly inside the bottle. Practical, performing, eco-sustainable, it is the ideal GEL for insulating and sealing boxes of the most commonly used dimensions.



**QUICK
SETTING
&
TIME
SAVING**

SPECIFICATION

Gel: UL 94-HB
Dielectric strength: >20 kV/mm
Cross linking time: Fast (about 7 min. at 23°C)
Volume resistivity: >2 . 10¹⁵ Ω cm
Working temperature: -60°C / +200°C
Overload temperature for short periods: Up to 250°C
Stabilised for: Mould - UV
Degree of protection: IP68 (in proper casings)

ADVANTAGES

Suitable for installation in chlorinated and salt water
For any type of indoor / outdoor and even submerged installation
Re-enterable
No limited shelf life

MAGIC GEL SPRINT

Colour: Blue



ITEM / PART NO	PACK OF	TOTAL SIZE	TRADE
MAGIC GEL SPRINT 450	1 bottle + 1 catalyst	450ml	£23.59
MAGIC GEL SPRINT 900	2 bottles + 2 catalysts	900ml	£46.10

**IP68
OFFICIALLY
TESTED**



MAGIC FLUID

Magic Gel is also available in a 2-component single dose bag, introducing *Magic Fluid*.



**IP68
OFFICIALLY
TESTED**



MAGIC FLUID

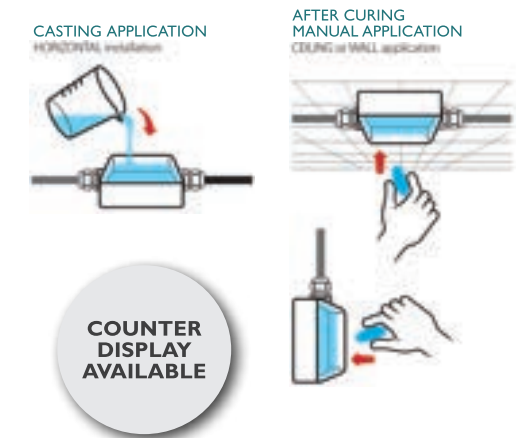
Colour: Blue

ITEM / PART NO	PACK OF	TOTAL SIZE	TRADE
MAGIC FLUID 90	2-component single dose bag	90g	£13.00
MAGIC FLUID 110	2-component single dose bag	110g	£13.50
MAGIC FLUID 170	2-component single dose bag	170g	£15.00
MAGIC FLUID 210	2-component single dose bag	210g	£19.20
MAGIC FLUID 420	2-component single dose bag	420g	£24.77
MAGIC FLUID 550	2-component single dose bag	550g	£25.78



MAGIC POWER GEL

The unique two component gel in a single bottle, with superior dielectric, sealing and thermal characteristics, re-enterable and re-usable!



SPECIFICATION

Gel: UL 94-HB
Dielectric strength: >20 kV/mm
Cross linking time: Fast (about 15 min. at 23°C)
Volume resistivity: >2 . 10¹⁵ Ω cm
Operating temperature: -60°C / +200°C
Overload temperature for short periods: Up to 250°C
Stabilised for: Mould - UV
Degree of protection: IP68 (in proper casings)

ADVANTAGES

Re-usable as well as re-enterable, even after long working periods
Suitable for installation in chlorinated and salt water
No limited shelf life



MAGIC POWER GEL

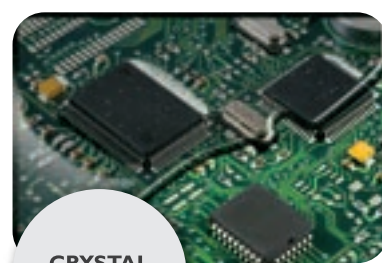


Colour: Blue
Includes one jug and wooden spatula (Magic Power Gel 250 excluded)

ITEM / PART NO	PACK OF	TOTAL SIZE	TRADE
MAGIC POWER GEL 250	1 single, 2-component bottle	250ml	£16.50
MAGIC POWER GEL 500	1 single, 2-component bottle	500ml	£31.50
MAGIC POWER GEL 1000	1 single, 2-component bottle	1000ml	£52.40

RAY GEL

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



CRYSTAL CLEAR

SPECIFICATION

Gel: UL 94-HB
Dielectric strength: >20 kV/mm
Cross linking time: About 15 min. at 23°C
Volume resistivity: >1.5 x 10¹⁵ Ω cm
Operating temperature: -60°C / +180°C
Thermal conductivity: < 0.2 W/m°K
Dielectric constant: < 7
Degree of protection: IP68 (in proper casings)

ADVANTAGES

Quick cross linking
No limited shelf life
Re-enterable

IP68
OFFICIALLY
TESTED



RAY GEL

Colour: Transparent

ITEM / PART NO	PACK OF	TOTAL SIZE	TRADE
RAY GEL 300-T	2 bottles	300ml	£15.62
RAY GEL 1000-T	2 bottles	1000ml	£36.69
RAY GEL 10K-T	2 tanks	10litres	£341.19
RAY GEL 20K-T	2 tanks	20litres	£680.00



MORE FILLER OPTIONS

WONDER GEL



Cartridge with dosing nozzle

ITEM / PART NO	COLOUR	SIZE	TRADE
WONDER GEL		280ml	£17.50
WONDER GEL INVISIBLE		280ml	£17.50

IP68
OFFICIALLY
TESTED



WHAT DOES IT GUARANTEE?

Maximum insulation and sealing
Effective and stable adhesion with the passing of time
High resistance to water pressure
Degree of protection IP68 when dispensed in suitable casings

WHY IS IT IN A CARTRIDGE?

Always ready to use and at your fingertips
Can be used with standard guns
It is measurable
No waste
Complete with nozzle
Extremely rapid to use even in difficult positions
Compact

Single component insulating gels in cartridge to instantly protect new installations and oversee maintenance of all types of electrical connections.

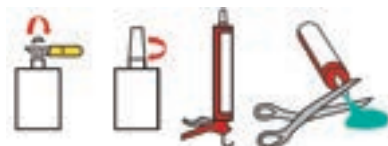
SPECIFICATION

Gel: UL 94-HB
Dielectric strength: >20 kV/mm
Volume resistivity: >2 . 10¹⁵ Ω cm
Operating temperature: -60°C / +200°C
Overload temperature for short periods: Up to 250°C
Stabilised for: Mould - UV
Degree of protection: IP68 (in proper casings)

ADVANTAGES

Ready to use! No mixing required! Already cross-linked! No need to wait!
Non-setting

COUNTER
DISPLAY
AVAILABLE



WONDER FLUID



Cartridge with dosing nozzle

ITEM / PART NO	COLOUR	SIZE	TRADE
WONDER FLUID		280ml	£17.00



Single component insulation fluid gel cartridge.

SPECIFICATION

Gel: UL 94-HB
Dielectric strength: >20 kV/mm
Operating temperature: -60°C / +200°C
Installation temperature: -40°C / +110°C
Degree of protection: IP68 (in proper casings)

ADVANTAGES

Ready-to-use fluid gel
None-setting
No limited shelf life



MONOGEL



Cartridge with dosing nozzle

ITEM / PART NO	COLOUR	SIZE	TRADE
MONOGEL		300ml	£16.40

ADVANTAGES

Ready to use
Non-setting
No limited shelf life



Single component transparent insulation gel for generic use.

SPECIFICATION

Gel: UL 94-HB
Dielectric strength: >20 kV/mm
Operating temperature: -60°C / +200°C
Installation temperature: -40°C / +110°C
Degree of protection: IP68 (in proper casings)

COUNTER
DISPLAY
AVAILABLE



RUBBER

RUBBER

TECHNO GEL GUM



Colour: Blue
Includes one jug and wooden spatula

ITEM / PART NO	PACK OF	TOTAL SIZE	TRADE
TECHNO GEL GUM 500	1 single, 2-component bottle	500ml	£22.50
TECHNO GEL GUM 1000	1 single, 2-component bottle	1000ml	£38.15

Single bottle two-component insulation suitable for installation in salt and chlorinated water. Waterproof and re-enterable!



SPECIFICATION

Dielectric strength: >20 kV/mm
Specific weight: ~ 1.05
Cross linking time: Fast (about 10 min. at 25°C)
Volume resistivity: >2 . 10¹⁴ Ω cm
Operating temperature: -60°C / +200°C
Overload temperature for short periods: Up to 250°C
Stabilised for: Mould - UV
Degree of protection: IP68 (in proper casings)

IP68
OFFICIALLY
TESTED

MAGIC RUBBER

Colour: Black
Includes one jug and wooden spatula (excludes Rubber Fluid)

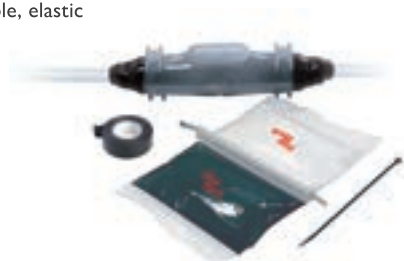
ITEM / PART NO	PACK OF	TOTAL SIZE	TRADE
MAGIC RUBBER 500	1 single, 2-component bottle	500g	£47.41
MAGIC RUBBER 10 000	2-component tanks	100kg	£833.52
RUBBER FLUID 200	2-component single dose bags	200g	£19.99
RUBBER FLUID 350	2-component single dose bags	350g	£32.77



Fast cross linking two-component rubber, fluid, flexible, elastic and re-enterable with unlimited shelf life.

SPECIFICATION

Cross linking time: 15 min. at 23°C
Volume resistivity: >2 . 10¹⁵ Ω cm
Dielectric strength: >20 kV/mm
Specific weight: 1.22 approx
Degree of protection: IP68 (in proper casings)



SKY PLAST



Colour: Grey

ITEM / PART NO	PACK OF	TOTAL SIZE	TRADE
SKY PLAST 250	2 cans	250g	£29.93

Two-component insulating rubber, mouldable, self-extinguishing paste with high dielectric characteristics.

ADVANTAGES

Low smoke and toxic and corrosive gases emission
Able to replace taping, heat-shrinking, resin finishes
Flexible and elastic
Quickly ready for use

GALACTIC ANIMAL BARRIER

Mouldable two-component rubber paste to prevent animal intrusion.

Galactic Animal Barrier is a two-component paste with no shelf life that can be easily moulded before cross linking is complete. It can be applied to entries to protect against intrusion (conduits, cable ducts and pipes etc). It cross links quickly to form an effective barrier against small insects however it is easily removable. Ideal for electric gate type installations.



Total size: 250g | Colour: Grey
2-component rubber; 1 can for component (A+B)

ITEM / PART NO	PACK OF	TRADE
GALACTIC - ANIMAL BARRIER	3 pcs / blister	£23.81



SPEEDY WIRE

SPEEDY LINE

ITEM / PART NO	PACK OF	FORM	PH	DENSITY	TRADE
SPEEDY WIRE GEL	1000ml bottle	Milky liquid	6-8	About 1	£7.94
SPEEDY WIRE OIL	1000ml bottle	Transparent gel	6-8	About 1	£6.72
SPEEDY WIRE SPRAY	400ml can	White foam	8.5-9	About 1.04	£10.44



COMPARISON CHART

FILLER REQUIREMENTS



	MAGIC GEL	MAGIC FLUID	MAGIC GEL SPRINT	RAY GEL
PACK CONTENTS	2 bottles / One single 2 compartment bottle + jug + spatula	1 sachet	1 bottle + 1 catalyst	2 bottles / Sachet
MIXING RATIO	1:1 ratio with measuring jug	Predeterminate	Predeterminate	1:1 ratio
MIXING TIME	15 seconds	10 seconds	10 seconds	15 seconds
CURING TIME (at 23°)	< 10 minutes	< 7 minutes	< 7 minutes	About 15 minutes
INSTALLATION TEMPERATURE	-15° / +55°C	-15° / +55°C	-15° / +55°C	-15° / +55°C
USAGE	By pouring	By pouring	By pouring	By pouring



	MAGIC POWER GEL	WONDER GEL / FLUID	TECHNO GEL GUM	MAGIC RUBBER
PACK CONTENTS	One single 2 compartment bottle + jug + spatula	1 cartridge	One single 2 compartment bottle + jug + spatula	One single 2 compartment bottle + jug + spatula
MIXING RATIO	1:1 ratio with measuring jug	None	1:1 ratio with measuring jug	1:1 ratio with measuring jug
MIXING TIME	15 seconds	-	15 seconds	15 seconds
CURING TIME (at 23°)	About 15 minutes	Already cross-linked	About 15 minutes	About 15 minutes
INSTALLATION TEMPERATURE	-15° / +55°C -40° / +60° (cured)	-15° / +55°C	-15° / +55°C	-15° / +55°C
USAGE	By pouring or "cure and stick"	Injection	By pouring	By pouring

HOW MUCH FILLER DO I REQUIRE?

ENCLOSURE SIZE	MAXIMUM QTY GEL REQUIRED *
85 x 50 x 50 mm	215 ml
75 x 75 x 50 mm	285 ml
85 x 85 x 50 mm	365 ml
100 x 100 x 50 mm	500 ml
110 x 110 x 60 mm	726 ml
150 x 100 x 50 mm	750 ml
160 x 120 x 70 mm	1345 ml
165 x 145 x 85 mm	2035 ml
200 x 150 x 100 mm	3000 ml
230 x 180 x 90 mm	3726 ml

* Qty calculated for empty box, cables + connectors will reduce qty required.

IP68 OFFICIALLY TESTED

HOW IS IP68 DEGREE OF PROTECTION OBTAINED?

The GEL protects against dusts and seals the connections from the effects of continuous immersion in water when it is poured into enclosures protected from the ingress of solid bodies, therefore contributing to create an IP68 system.

TERMINAL BLOCK / CONNECTOR COVERS

TERMINAL BLOCK / CONNECTOR COVERS

SUPER BLOCK

CONNECTORS
INCLUDED

The new Gel Box with integrated lever connectors: ready, complete, submersible and compact.

The GEL BOX range, designed in 2015, is enriched with a new range of compact and waterproof connecting devices. For increasingly secure and high-performance connections over time.

ADVANTAGES

For straight or branch connections of 3 or 5 rigid or flexible wires up to 4 mm²
Tool-less
Can be powered immediately - Always re-enterable
Pre-filled with conforming viscoelastic gel, not classified as hazardous
Re-usable
Without shelf life

IP68
OFFICIALLY
TESTED

SUPERBLOCK

SUPER BLOCK 3



Form: Blister
Dimensions: W57 x D47 x H26 mm

ITEM / PART NO	COLOUR	UP TO	TRADE
SUPERBLOCK3	Orange	3 x 4 mm ²	£8.58
SUPERBLOCK3W	Black	3 x 4 mm ²	£9.35

SUPER BLOCK 5



Form: Blister
Dimensions: W57 x D47 x H26 mm

ITEM / PART NO	COLOUR	UP TO	TRADE
SUPER BLOCK5	Orange	5 x 4 mm ²	£8.80
SUPER BLOCK5W	Black	5 x 2.5 mm ²	£9.57

SPECIFICATION

Gel: UL 94-HB

Working temperature: 90°

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

Fully submersible

Can be used underground

Halogen-free Gel

UV resistant

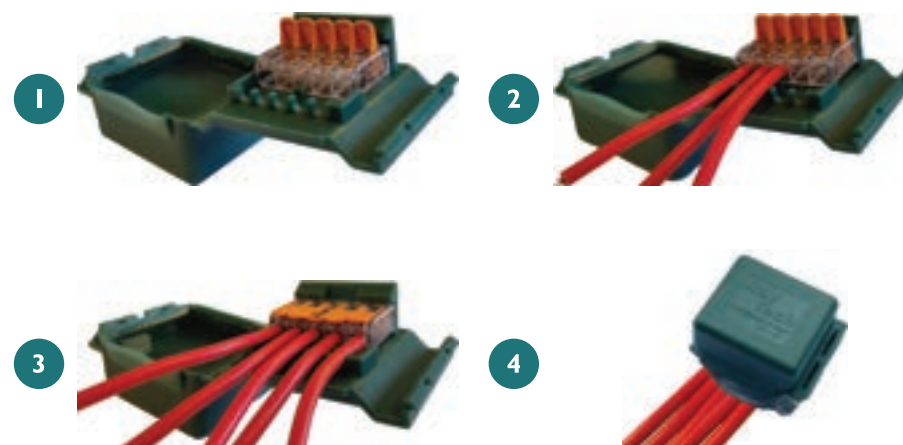
**NEW
PRODUCT**

Electrical performance:

CEI EN 50393

Class 2 with CEI 64-8

CEI EN 60998-1 - CEI EN 60998-2



SUPER BLOCK IN-OUT M



Form: Blister
Dimensions: W67 x D50 x H28 mm

ITEM / PART NO	UP TO	TRADE
SUPERBLOCKINOUTM	3 x 4 mm ²	£9.02

SUPER BLOCK IN-OUT W



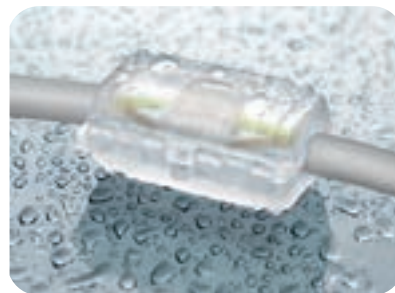
Form: Blister
Dimensions: W67 x D50 x H28 mm

ITEM / PART NO	UP TO	TRADE
SUPERBLOCKINOUTW	3 x 4 mm ²	£10.45

GEL COVER LINE

CONNECTORS
NOT INCLUDED

Gel pre-filled accessories for straight connections, for the protection, safety and covering of electrical connections using strip connectors or alternatives.



SPECIFICATION

Gel: UL 94-HB 

Working temperature: 90°

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

Fully submersible

Can be used underground

Halogen-free Gel

UV resistant

For 3 x 1 to 6 mm² cables or 3 insulated wires.

Electrical performance:
CEI EN 50393
Class 2 with CEI 64-8

IPX8
OFFICIALLY
TESTED

OHM / BAR



Colour: Transparent

ITEM / PART NO	HOUSEHOLD CONNECTORS TYPE	PACK OF	DIMENSIONS	TRADE
OHM	2 from 4 mm ²	1 pc / blister	W61 x D35 x H28 mm	£6.67
OHM PACK 11	2 from 4 mm ²	11 pcs / box	W61 x D35 x H28 mm	£49.83
BAR	3 from 4 mm ² / 6 mm ²	1 pc / blister	W63 x D41 x H28 mm	£7.21
BAR PACK 9	3 from 4 mm ² / 6 mm ²	9 pcs / box	W63 x D41 x H28 mm	£53.46

(MAMMUT) GEL COVER



Colour: Green

ITEM / PART NO	HOUSEHOLD CONNECTORS TYPE	PACK OF	DIMENSIONS	TRADE
GEL COVER 4	2 from 4 mm ²	1 pc / blister	W61 x D35 x H28 mm	£6.93
MAMMUT GEL COVER 4	2 from 4 mm ²	8 pcs / box	W61 x D35 x H28 mm	£38.00
GEL COVER 6	3 from 4 mm ² / 6 mm ²	1 pc / blister	W63 x D41 x H28 mm	£7.59
MAMMUT GEL COVER 6	3 from 4 mm ² / 6 mm ²	6 pcs / box	W63 x D41 x H28 mm	£37.98

GALACTIC MAMMUT SECURITY

CONNECTORS
INCLUDED



Straight joint pre-filled with gel.

Galactic Mammut Security is an extremely compact accessory that is suitable for resolving insulation and sealing problems. Make reliable strip connector connections using the components found within the kit. Supplied with connectors for up to 3 core 4mm cables.

W61 x D35 x H28 mm | Cables 3 x 1 to 4 mm²
3 insulated conductors with ground from 1 to 4 mm²

ITEM / PART NO	PACK OF	TRADE
GALACTIC - MAMMUT SECURITY	3 pcs / blister	£20.97

Electrical performance: CEI EN 50393 as applicable

ADVANTAGES

No more tangled wires or uncovered connectors
A safe, reliable and quick solution
Suitable for all types of domestic and industrial uses

HAPPY LINE

CONNECTORS
NOT INCLUDED

The revolutionary re-enterable mini accessories with 3 entrances, pre-filled with gel and suitable for submersible installations (IPX8).

Designed in 3 dimensions to rapidly insulate and seal the most commonly used connectors. The 3 entrances not only guarantee the extreme flexibility in the range of these products by making possible triple configurations but also by the housing accepting a wide variety of connectors.



SPECIFICATION

Gel: UL 94-HB
 Working temperature: 90°
 Installation temperature: -40°C / +50°C
 Fully submersible
 Can be used underground
 Halogen-free Gel
 UV resistant

Electrical performance:
 CEI EN 50393
 Class 2 with CEI 64-8
 CEI EN 60998-1 - CEI EN 60998-2

IPX8
 OFFICIALLY
 TESTED



LUCAS

HAPPY 0

Dimensions: W41 x D28 x H19 mm

ITEM / PART NO	COLOUR	PACK OF	FORM	TRADE
HAPPY 0		4 pcs	Blister	£11.91
HAPPY 0 BOX 12		12 pcs	Box	£33.87
GEL BOX 0		20 pcs	Blister	£37.20



Ideal for (or similar):



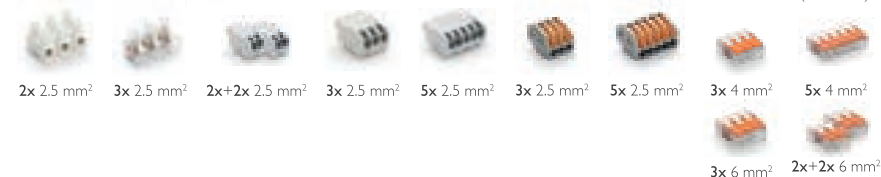
HAPPY 1

Dimensions: W45 x D37 x H24 mm

ITEM / PART NO	COLOUR	PACK OF	FORM	TRADE
HAPPY 1		2 pcs	Blister	£7.37
HAPPY 1 BOX 10		10 pcs	Box	£34.20
GEL BOX 1		15 pcs	Blister	£37.20



Ideal for (or similar):



HAPPY 2

Dimensions: W53 x D39 x H24 mm

ITEM / PART NO	COLOUR	PACK OF	FORM	TRADE
HAPPY 2		2 pcs	Blister	£5.81
HAPPY 2 BOX 7		7 pcs	Box	£37.90
GEL BOX 2		11 pcs	Blister	£34.10



Ideal for (or similar):



HAPPY JOINT LINE

CONNECTORS
INCLUDED

The revolutionary mini accessories with 3 entrances, pre-filled with gel and suitable for submersible installations (IPX8) complete with connectors.



SPECIFICATION

Gel: UL 94-HB 
Working temperature: 90°
Installation temperature: -40°C / +50°C
Fully submersible
Can be used underground
Halogen-free Gel
UV resistant

ADVANTAGES

Ready to use - Re-enterable
No limited shelf life
For straight and branch connections
For rigid or flexible insulated wires up to 6 mm²

Electrical performance:
CEI EN 50393
Class 2 with CEI 64-8
CEI EN 60998-1 - CEI EN 60998-2

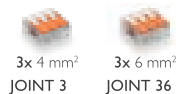
IPX8
OFFICIALLY
TESTED

HAPPY JOINT 3

Combination: 2 through / 1 branch
One connector included for each Happy

* N° x mm²

ITEM / PART NO	FORMATION *	PACK OF	DIMENSIONS	TRADE
HAPPY JOINT 3	3 x 1 - 4	4 pcs / blister	W41 x D28 x H19 mm	£14.97
HAPPY JOINT 36	3 x 1 - 6	2 pcs / blister	W45 x D37 x H24 mm	£12.67



3x 4 mm² JOINT 3 3x 6 mm² JOINT 36



HAPPY JOINT4

Combination: 2 through / in/out
Two connectors included for each Happy

* N° x mm²

ITEM / PART NO	FORMATION *	PACK OF	DIMENSIONS	TRADE
HAPPY JOINT 4	2+2 x 1 - 4	2 pcs / blister	W45 x D37 x H24 mm	£10.32
HAPPY JOINT 46	2+2 x 1 - 6	2 pcs / blister	W45 x D37 x H24 mm	£16.48



2+2 x 6 mm² JOINT 4 2+2 x 4 mm² JOINT 46



HAPPY JOINT 5

Combination: 2 through / 3 branch
One connector included for each Happy

* N° x mm²

ITEM / PART NO	FORMATION *	PACK OF	DIMENSIONS	TRADE
HAPPY JOINT 5	5 x 1 - 4	2 pcs / blister	W45 x D37 x H24 mm	£10.32
HAPPY JOINT 56	5 x 1 - 6	1 pc / blister	W53 x D39 x H24 mm	£13.44



5x 4 mm² JOINT 5 5x 6 mm² JOINT 56



HAPPY JOINT6

Combination: 3 through / in/out
Three connectors included for each Happy

* N° x mm²

ITEM / PART NO	FORMATION *	PACK OF	DIMENSIONS	TRADE
HAPPY JOINT 6	6 x 1 - 4	1 pc / blister	W53 x D39 x H24 mm	£6.47



JOINT 6



GEL BOX LINE

CONNECTORS
NOT INCLUDED

Gel pre-filled accessories for sealing, protecting and making safe electrical connections.

ADVANTAGES

No limited shelf life
Ready to use

SPECIFICATION

Gel: UL 94-HB 
 Working temperature: 90°
 Installation temperature: -40°C / +50°C
 Fully submersible
 Can be used underground
 Halogen-free Gel
 UV resistant

Electrical performance:
 CEI EN 50393
 Class 2 with CEI 64-8

IPX8
 OFFICIALLY
 TESTED

ISAAC



Dimensions: W30 x D27 x H23 mm

ITEM / PART NO	PACK OF	FORM	TRADE
ISAAC4	4 pcs	Blister	£10.32
ISAAC4-P30	30 pcs	Box	£70.93
ISAAC4-MP	50 pcs	Multipack	£106.00

Ideal for (or similar):



JOULE



Dimensions: W33 x D52 x H26 mm

ITEM / PART NO	PACK OF	FORM	TRADE
JOULE	1 pc	Blister	£5.09
JOULE-MP	20 pcs	Multipack	£84.00

Ideal for (or similar):



PASCAL



Dimensions: W36 x D37 x H26 mm

ITEM / PART NO	PACK OF	FORM	TRADE
PASCAL6	2 pcs	Blister	£6.47
PASCAL6-P15	15 pcs	Box	£43.81
PASCAL6-MP	25 pcs	Multipack	£2.66

Ideal for (or similar):



KELVIN



Dimensions: W52 x D53 x H29 mm

ITEM / PART NO	PACK OF	FORM	TRADE
KELVIN	1 pc	Blister	£6.19
KELVIN-P9	9 pcs	Box	£50.36
KELVIN-MP	20 pcs	Multipack	£99.20

Ideal for (or similar):



WATT



Dimensions: W30 x D42 x H26 mm

ITEM / PART NO	PACK OF	FORM	TRADE
WATT	2 pcs	Blister	£6.47
WATT-P15	15 pcs	Box	£43.81
WATT-MP	25 pcs	Multipack	£66.75

Ideal for (or similar):



LUCAS

NANO JOINT LINE

CONNECTORS INCLUDED

Gel pre-filled accessories to seal, protect and make safe electrical connections. Inclusive of connectors.



SPECIFICATION

Gel: UL 94-HB 
Working temperature: 90°
Installation temperature: -40°C / +50°C
Fully submersible
Can be used underground
Halogen-free Gel
UV resistant
Self-extinguishing (UL 94-V2)

Electrical performance:
CEI EN 50393
Class 2 with CEI 64-8
CEI EN 60998-1 - CEI EN 60998-2

IPX8
OFFICIALLY
TESTED

ADVANTAGES

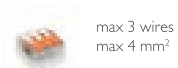
Ready to use, quick, re-enterable
For straight & branch connections
For rigid or flexible insulated wires from 1 to 4 mm²
No limited shelf life

NANO 3



Dimensions: W30 x D27 x H23 mm
Combination: 2 through / 1 branch * N° x mm²

ITEM / PART NO	PACK OF	FORMATION *	TRADE
NANO 3	4 pcs / blister	3 x 1 - 4	£13.60



max 3 wires
max 4 mm²

NANO 5



Dimensions: W30 x D42 x H26 mm
Combination: 2 through / 3 branch * N° x mm²

ITEM / PART NO	PACK OF	FORMATION *	TRADE
NANO 5	2 pcs / blister	5 x 1 - 4	£8.84



max 5 wires
max 4 mm²



NANO MAM 2.5



Dimensions: W36 x D37 x H26 mm
Combination: 3 through * N° x mm²

ITEM / PART NO	PACK OF	FORMATION *	TRADE
NANO MAM 2.5	2 pcs / blister	3 x 1 - 2.5	£8.84



max 3 wires
max 2.5 mm²

NANO 6



Dimensions: W33 x D52 x H26 mm
Combination: 3 through / in/out * N° x mm²

ITEM / PART NO	PACK OF	FORMATION *	TRADE
NANO 6	1 pc / blister	6 x 1 - 4	£5.24



max 5 wires
max 4 mm²

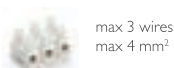


NANO MAM 4



Dimensions: W52 x D53 x H29 mm
Combination: 3 through * N° x mm²

ITEM / PART NO	PACK OF	FORMATION *	TRADE
NANO MAM 4	1 pc / blister	3 x 1.5 - 4	£6.83



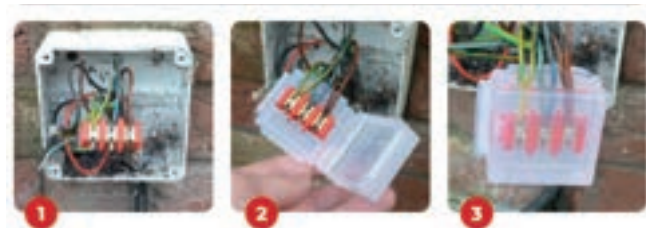
max 3 wires
max 4 mm²



BRAVO

CONNECTORS
INCLUDED

The first "Gel-Box" with integrated connectors!



SPECIFICATION

Gel: UL 94-HB 
 Working temperature: 90°
 Installation temperature: -40°C / +50°C
 Fully submersible
 Can be used underground
 Halogen-free Gel
 UV resistant

ADVANTAGES

Ready to use, quick, re-enterable
 For straight & branch connections
 No limited shelf life

Electrical performance:
 CEI EN 50393
 Class 2 with CEI 64-8

IPX8
 OFFICIALLY
 TESTED

BRAVO

Form: Blister

* N° x mm²

ITEM / PART NO	FORMATION *		DIMENSIONS	TRADE
	WIRES CROSS SECTION	BRANCH		
BRAVO 1-6	1 x 1 - 6	1 x 1 - 6	W50 x D29 x H22 mm	£7.09
BRAVO 3-6	2 x 1 - 6 3 x 1 - 6	2 x 1 - 6 3 x 1 - 6	W53 x D49 x H22 mm	£8.26



MINI BRAVO

Form: Blister | Mini Bravo 1 includes 3pcs

* N° x mm²

ITEM / PART NO	FORMATION *		DIMENSIONS	TRADE
	WIRES CROSS SECTION	BRANCH		
MINI BRAVO 1	1 x 1 - 4	1 x 1 - 4	W41 x D29 x H19 mm	£13.54
MINI BRAVO 2	2 x 1 - 4	2 x 1 - 4	W45 x D37 x H24 mm	£6.36
MINI BRAVO 3	3 x 1 - 4	3 x 1 - 4	W53 x D39 x H24 mm	£7.62



SUPER CLIK

CONNECTORS INCLUDED

Range of fast gel pre-filled straight or branch type joints for 0.6/1 kV multi core cables of up to 5 conductors.

The combination of the primary insulation in a cross-linked polymer gel and the highly robust insulating plastic case makes this a Class 2 joint defined by CEI 64-8. The joint has been tested in accordance with the main international specifications, with repeated flexing and torsion tests and immersion in water; it has been declared as conforming to the mechanical, electrical and sealing specifications required for plastic cable accessories. The joint and its components have an unlimited shelf life, they are chemically inert and therefore completely safe; the connections are re-enterable even after long working periods. Made of self-extinguishing components, the joint is flame retardant. For cables at 90°C working temperature.

ADVANTAGES

- Complete with insulated terminal blocks
- Re-accessible
- Flame retardant
- No limited shelf life



SPECIFICATION

- Gel: UL 94-HB 
- Casing mix: UL 94-V2
- Working temperature: 90°
- Installation temperature: -40°C / +50°C
- Fully submersible
- Can be used underground
- Halogen-free Gel
- UV resistant
- No flame propagation: CEI 20-35 | IEC 60332-1 | HD405-1

Electrical performance:
CEI EN 50393
Class 2 with CEI 64-8

IPX8
OFFICIALLY
TESTED



SUPER CLIK 0

Max cables Ø: 14 mm
Dimensions: W95 x D43 x H28 mm * N° x mm²



ITEM / PART NO	CABLE FORMATION & CROSS SECTION*			
	STRAIGHT IN LINE	BRANCH		TRADE
		THROUGH	BRANCH	
SUPER CLIK 0	3 x 1.5 - 6	3 x 1.5 - 4	3 x 1.5 - 2.5	£10.90

SUPER CLIK 1

Max cables Ø: 20.5 mm
Dimensions: W150 x D56 x H30 mm * N° x mm²

ITEM / PART NO	CABLE FORMATION & CROSS SECTION*			
	STRAIGHT IN LINE	BRANCH		TRADE
		THROUGH	BRANCH	
SUPER CLIK 1	2 x 1.5 - 6	2 x 4	2 x 2.5	£15.96
	3 x 1.5 - 6	3 x 4	3 x 2.5	
	4 x 1.5 - 6	4 x 4	4 x 2.5	
	5 x 1.5 - 6	5 x 4	5 x 2.5	



SUPER CLIK 2

Max cables Ø: 30 mm
Dimensions: W220 x D85 x H46 mm * N° x mm²



ITEM / PART NO	CABLE FORMATION & CROSS SECTION*			
	STRAIGHT IN LINE	BRANCH		TRADE
		THROUGH	BRANCH	
SUPER CLIK 2	2 x 4 - 16	2 x 10	2 x 6	£34.20
	3 x 4 - 16	3 x 10	3 x 6	
	4 x 4 - 16	4 x 10	4 x 6	
	5 x 4 - 16	5 x 10	5 x 6	



SUPER CLIK 3

Max cables Ø: 30 mm
Dimensions: W220 x D85 x H46 mm * N° x mm²

ITEM / PART NO	CABLE FORMATION & CROSS SECTION*			
	STRAIGHT IN LINE	BRANCH		TRADE
		THROUGH	BRANCH	
SUPER CLIK 3	2 x 4 - 25	2 x 1.5 - 16		£46.27
	3 x 4 - 25	3 x 1.5 - 16		
	4 x 4 - 25	4 x 1.5 - 16		

SUPER CLIK MINI L



Max cables Ø: 10 mm
Dimensions: W71 x D38 x H23 mm

ITEM / PART NO	IN LINE*	TRADE
SUPER CLIK MINI L	3 x 0.5 - 1.5	£7.98

* straight connections (n° x mm²)

SUPER CLIK MINI Y



Max cables Ø: 10 mm
Dimensions: W71 x D38 x H23 mm

ITEM / PART NO	THROUGH*	BRANCH*	TRADE
SUPER CLIK MINI Y	1 x 2.5 - 6	1 x 2.5	£7.98

* branch connections (n° x mm²)

CLIK FIRE

Straight or branch gel pre-filled joints, for multi core cables up to 4 cores.

IPX8
OFFICIALLY
TESTED

T: Through or Straight cable
B: Branch cable



* N° x mm²

CABLE FORMATION & CROSS SECTIONS *					
ITEM / PART NO	STRAIGHT / THROUGH	1 OR 2 BRANCH CABLES	MAX CABLES Ø	DIMENSIONS	TRADE
CLIK 0 FIRE	1 x 2.5 - 50	1 x 1.5 - 10	T 16 mm	W95 x D43 x H28 mm	£12.78
	2 x 2.5 - 6	2 x 1.5	B 10 mm		
CLIK 1 FIRE	1 x 6 - 95	1 x 1.5 - 35	T 20.5 mm B 15 mm	W150 x D56 x H30 mm	£19.00
	2 x 1.5 - 16	2 x 1.5 - 6			
	3 x 1.5 - 10	3 x 1.5 - 6			
	4 x 1.5 - 10	4 x 1.5 - 4			
CLIK 2 FIRE	1 x 50 - 185	1 x 1.6 - 185	T 30 mm B 29 mm	W220 x D85 x H46 mm	£37.12
	2 x 10 - 35	2 x 1.5 - 35			
	3 x 6 - 35	3 x 1.5 - 35			
	4 x 6 - 35	4 x 1.5 - 16			

SOLAR COVER

The extra dark cover with gel filler, for sealing connectors from 4 to 10 mm² for solar.

It prevents the deterioration of connectors, preserving their performance over time, thus avoiding malfunctions and difficult and expensive maintenance. Resistant to UV rays, corrosion and immersion in water, even if salty or chlorinated. Ready, fast and always inspectable.

SPECIFICATION

Gel: UL 94-HB 
Casing mix: UL 94-V2
Working temperature: 125°C
Installation temperature: -40°C / +50°C
Halogen-free Gel
Loaded with CARBON BLACK UV resistant
No flame propagation: CEI 20-35 | IEC 60332-1 | HD405-1
Self-ignition temperature: > 400°C
Operating voltage: 1500V DC

Electrical performance:
CEI EN 50393
Class 2 with CEI 64-8

IP68
OFFICIALLY
TESTED



**NEW
PRODUCT**

ADVANTAGES

Made of UL 94-V2 polypropylene
Highly resistant to water, corrosion and frost
Complete with sealing silicone gel filler, non-toxic and safe
It is the ideal accessory to protect cable connections for solar and photovoltaic systems over the seasons and consequently affected by variations in temperature and weather conditions
It allows the reduction of risks from electric arcs and the resulting overheating

SOLAR COVER

For connectors from 4 to 10 mm²

ITEM / PART NO	PACK OF	DIMENSIONS	PRICE
SOLARCOVER-4	2 pcs / box	W165 x D45 x H27 mm	£11.88
SOLARCOVER-6	2 pcs / box	W220 x D52 x H32 mm	£14.85



LITTLE JOINT

CONNECTORS
INCLUDED

The IP68 / IP69K micro-joints, gel pre-filled, complete with connector, suitable for any type of installation, even the most extreme.

Extremely compact and space-saving, pre-filled with soft, highly conformable gel. With minimal aesthetic impact and visually pleasing. Equipped with integrated cable glands for IP68 and IP69K degree of ingress protection and cable retention.

SPECIFICATION

Gel: UL 94-HB 

Working temperature: 90°

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

Fully submersible

Can be used underground

Halogen-free Gel

UV resistant

Self-extinguishing + resistant to abnormal
heat + fire: Glow Wire Flammability Index at
+960°C (EN60695-2-12)

Electrical performance:
CEI EN 50393
Class 2 with CEI 64-8

IP68 **IP69K**
OFFICIALLY
TESTED OFFICIALLY
TESTED



ADVANTAGES

- No limited shelf life
- Extremely compact and ready to install
- Ideal for connections in lighting systems for gardens, steps and stairways, pedestrian crossings, etc.
- Always re-enterable

BARNEY

Cables Ø min - max: 6 - 10 mm
Max cable formation: 2 x 2.5 mm²



ITEM / PART NO	COLOUR	PACK OF	DIMENSIONS	TRADE
BARNEY		1 pc / blister	W75 x D28 x H19 mm	£7.62
BARNEY MP		10 pcs / multipack	W75 x D28 x H19 mm	£68.71
BARNEY-N		1 pc / blister	W75 x D28 x H19 mm	£7.62
BARNEY-N MP		10 pcs / multipack	W75 x D28 x H19 mm	£68.71

FRED

Cables Ø min - max: 8 - 13 mm
Max cable formation: 3 x 2.5 mm²

ITEM / PART NO	COLOUR	PACK OF	DIMENSIONS	TRADE
FRED		1 pc / blister	W80 x D36 x H23 mm	£8.90
FRED MP		10 pcs / multipack	W80 x D36 x H23 mm	£80.07
FRED-N		1 pc / blister	W80 x D36 x H23 mm	£8.90
FRED-N MP		10 pcs / multipack	W80 x D36 x H23 mm	£80.07



FRED 4

Cables Ø min - max: 8 - 13 mm
Max cable formation: 3 x 4 mm²



ITEM / PART NO	COLOUR	PACK OF	DIMENSIONS	TRADE
FRED-4		1 pc / blister	W80 x D36 x H23 mm	£10.46
FRED-4-N		1 pc / blister	W80 x D36 x H23 mm	£10.46

DINO

Cables Ø min - max: 10 - 16 mm
Max cable formation: 4 x 4 mm²

ITEM / PART NO	COLOUR	PACK OF	DIMENSIONS	TRADE
DINO		1 pc / blister	W125 x D43 x H35 mm	£18.68
DINO-N		1 pc / blister	W125 x D43 x H35 mm	£18.68



BETTY 4



Cables Ø min - max: 10 - 16 mm
Max cable formation: 5 x 4 mm² | Form: 1 pc blister

ITEM / PART NO	COLOUR	DIMENSIONS	TRADE
BETTY-4	●	W145 x D46 x H35 mm	£21.63
BETTY-4-N	●	W145 x D46 x H35 mm	£21.63

BETTY 6



Cables Ø min - max: 14 - 19 mm
Max cable formation: 5 x 6 mm² | Form: 1 pc blister

ITEM / PART NO	COLOUR	DIMENSIONS	TRADE
BETTY-6	●	W145 x D46 x H35 mm	£21.63
BETTY-6-N	●	W145 x D46 x H35 mm	£21.63

TOM



Cables Ø min - max: 19 - 23 mm
Max cable formation: 5 x 16 mm² | Form: 1 pc blister

ITEM / PART NO	COLOUR	DIMENSIONS	TRADE
TOM	●	W180 x D53 x H42 mm	£28.95
TOM-N	●	W180 x D53 x H42 mm	£28.95



BARNEY Y



Cables Ø min - max: 6 - 10 mm
Dimensions: W85 x D55 x H22 mm | Form: 1 pc blister * N° x mm²

ITEM / PART NO	COLOUR	MAX CABLE FORMATION *		TRADE
		THROUGH	BRANCH	
BARNEY-Y	●	1 x 4 1 x 2.5	1 x 1.5 1 x 2.5	£16.82
BARNEY-Y-N	●	1 x 4 1 x 2.5	1 x 1.5 1 x 2.5	£16.82

FRED Y

Cables Ø min - max: 8 - 13 mm
Dimensions: W110 x D72 x H25 mm | Form: 1 pc blister * N° x mm²

ITEM / PART NO	COLOUR	MAX CABLE FORMATION *		TRADE
		THROUGH	BRANCH	
FRED-Y	●	3 x 4 3 x 2.5	3 x 1.5 3 x 2.5	£20.54
FRED-Y-N	●	3 x 4 3 x 2.5	3 x 1.5 3 x 2.5	£20.54



DINO Y

Cables Ø min - max: 14 - 19 mm
Dimensions: W160 x D75 x H37 mm | Form: 1 pc blister ** N° x mm²

ITEM / PART NO	COLOUR	MAX CABLE FORMATION **		TRADE
		THROUGH	BRANCH	
DINO-Y	●	5 x 6 5 x 4 *	5 x 1.5 5 x 2.5 *	£31.90
DINO-Y-N	●	5 x 6 5 x 4 *	5 x 1.5 5 x 2.5 *	£31.90

* section for rigid cables



LITTLE JOINT EASY

CONNECTORS INCLUDED

The IP68/IP69K mini joints, gel pre-filled, complete with in-out lever connectors.

Thanks to the integrated cable glands, they allow the degree of protection IP68 and IP69K and at the same time the locking of the joint on the cable. Suitable for all types of installation, even the most extreme.

SPECIFICATION

Gel: UL 94-HB 
Working temperature: 90°
Installation temperature: -40°C / +50°C
Fully submersible
Can be used underground
Halogen-free Gel
UV resistant
Self-extinguishing + resistant to abnormal heat + fire: Glow Wire Flammability Index at +960°C (EN60695-2-12)

ADVANTAGES

No limited shelf life
Extremely compact and ready to install
Ideal for connections in lighting systems for gardens, steps and stairways, pedestrian crossings, etc.
Always re-enterable



Electrical performance: **IP68** **IP69K**
CEI EN 50393 **OFFICIALLY TESTED** **OFFICIALLY TESTED**
Class 2 with CEI 64-8

LITTLE JOINT EASY



Colour: Grey
Form: 1 pc blister



FRED EASY

BETTY EASY

DINO EASY

ITEM / PART NO	CABLE FORMATION MAX*	CABLE Ø MIN - MAX	DIMENSIONS	TRADE
FRED-EASY	2 x 4 mm²	8 - 13 mm	W80 x D36 x H23 mm	£10.27
BETTY-EASY	5 x 4 mm²	10 - 16 mm	W145 x D46 x H35 mm	£24.33
DINO-EASY	3 x 4 mm²	10 - 16 mm	W125 x D43 x H35 mm	£20.54



KING JOINT

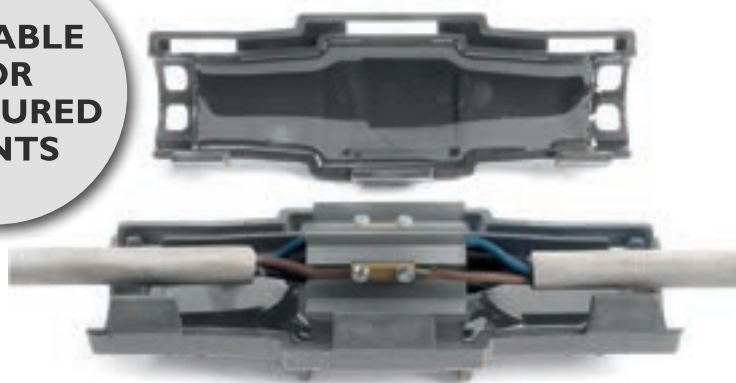
EARTH WIRE
INCLUDED

CONNECTORS
INCLUDED

Range of fast gel pre-filled straight or branch type joints for 0.6/1 kV multi core cables of up to 5 conductors.

The primary insulation, consisting of a cross-linked polymer gel and extremely strong plastic insulating housing, make the Class 2, in accordance with the definitions contained in CEI Regulation 64-8. The joint, tested in accordance with the most important international specifications with repeated bending and twisting cycles and immersion in water, was found to comply with the mechanical, electrical and sealing requirements necessary for accessories for plastic cables. The joint and its components have no shelf life, are chemically inert and therefore completely safe; the conductor connections are re-accessible even after long operating periods. Packaged with self-extinguishing material, it is flame retardant. Suitable for cables with a temperature of +90°C.

SUITABLE
FOR
ARMOURED
JOINTS



SPECIFICATION

Gel: UL 94-HB 
Casing mix: UL 94-V2
Working temperature: 90°
Installation temperature: -40°C / +50°C
Fully submersible
Can be used underground
Halogen-free Gel
No flame propagation: CEI 20-35 |
IEC 60332-1 | HD405-1 (low smoke + toxic
+ corrosive gas emissions)
Degree of protection: IPX8



ADVANTAGES

Complete with screw connectors, spring clips + earth wire
Re-accessible
Flame retardant

Electrical performance:
CEI EN 50393
Class 2 with CEI 64-8

KING JOINT L6

Max cables Ø: 20.5 mm
Dimensions: W105 x D55 x H55 mm

* N° x mm²

ITEM / PART NO	LINE CONNECTIONS	
	FORMATION & CROSS SECTIONS *	TRADE
KING JOINT L6	2 x 1.5 - 6	£19.90
	3 x 1.5 - 6	
	4 x 1.5 - 6	
	5 x 1.5 - 6	



KING JOINT L10

Max cables Ø: 24 mm
Dimensions: W180 x D60 x H60 mm

* N° x mm²



ITEM / PART NO	LINE CONNECTIONS	
	FORMATION & CROSS SECTIONS *	TRADE
KING JOINT L10	2 x 2.5 - 10	£29.30
	3 x 2.5 - 10	
	4 x 2.5 - 10	
	5 x 2.5 - 10	

KING JOINT L25

Max cables Ø: 31 mm
Dimensions: W210 x D65 x H65 mm

* N° x mm²

ITEM / PART NO	LINE CONNECTIONS *	
	FORMATION & CROSS SECTIONS	TRADE
KING JOINT L25	2 x 10 - 25	£44.76
	3 x 10 - 25	
	4 x 10 - 25	
	5 x 10 - 25	



KING JOINT Y6



Max cables Ø: T 22.5 mm B 18.5 mm
Dimensions: W138 x D60 x H37 mm

* N° x mm²

BRANCH CONNECTIONS *			
ITEM / PART NO	FORMATION & CROSS SECTIONS		TRADE
KING JOINT Y6	T 2 x 1.5 - 6	B 2 x 1.5 - 4	£29.92
	T 3 x 1.5 - 6	B 3 x 1.5 - 4	
	T 4 x 1.5 - 6	B 4 x 1.5 - 4	
	T 5 x 1.5 - 6	B 5 x 1.5 - 4	

KING JOINT Y16

Max cables Ø: T 26 mm B 18.5 mm
Dimensions: W194 x D74 x H43 mm

** N° x mm²

BRANCH CONNECTIONS **			
ITEM / PART NO	FORMATION & CROSS SECTIONS		TRADE
KING JOINT Y16	T 2 x 4 - 16	B 2 x 1.5 - 4	£47.56
	T 3 x 4 - 16	B 3 x 1.5 - 4	
	T 4 x 4 - 16 *	B 4 x 1.5 - 4	
	T 5 x 4 - 16 *	B 5 x 1.5 - 4	

* for armoured cables max conductor cross section 10mm²



KING JOINT Y35



Max cables Ø: T 36 mm B 26 mm
Dimensions: W290 x D105 x H51 mm

** N° x mm²

BRANCH CONNECTIONS **			
ITEM / PART NO	FORMATION & CROSS SECTIONS		TRADE
KING JOINT Y35	T 2 x 10 - 35	B 2 x 1.5 - 6	£74.52
	T 3 x 10 - 35	B 3 x 1.5 - 46	
	T 4 x 10 - 35 *	B 4 x 1.5 - 4	

* for armoured cables max conductor cross section 10mm²

RAPID JOINT IP68

CONNECTORS
INCLUDED

Radial closing gel pre-filled joint for extruded insulation cables up to 1 kV.

SPECIFICATION

Gel: UL 94-HB 
Working temperature: 90°
Installation temperature: -40°C / +50°C
Fully submersible
Can be used underground
Halogen-free Gel
UV resistant
No flame propagation: CEI 20-35 |
IEC 60332-1 | HD405-1

ADVANTAGES

With suitable spacers
Re-enterable only by means of a tool
Suitable for 3 core crossing

Electrical performance:
CEI EN 50393
Class 2 with CEI 64-8

IP68 IP69K
OFFICIALLY TESTED OFFICIALLY TESTED

RAPID JOINT IP68



ITEM / PART NO	CONFIGURATION IP68			CONFIGURATION IPX8			TRADE
	SECTION	CABLE Ø	DIMENSIONS	SECTION	CABLE Ø	DIMENSIONS	
RAPIDJL1.5-IP68	• 4 - 25 mm²	8 - 13 mm	L155 x W55 mm	1.5 - 50 mm²	20.5 mm	L105 x W55 mm	£22.94
	• 1.5 - 4 mm²			1.5 - 6 mm²			
	• 1.5 - 2.5 mm²			1.5 - 6 mm²			
	• 1.5 mm²			1.5 - 6 mm²			
RAPIDJOINTL6-IP68	• 25 - 70 mm²	12 - 18 mm	L245 x W60 mm	2.5 - 150 mm²	24 mm	L180 x W60 mm	£27.96
	• 2.6 - 6 mm²			2.5 - 10 mm²			
	• 2.6 - 6 mm²			2.5 - 10 mm²			
	• 2.6 - 6 mm²			2.5 - 10 mm²			
RAPIDJOINTL10-IP68	• 70 - 95 mm²	16 - 20 mm	L275 x W65 mm	120 - 240 mm²	31 mm	L210 x W65 mm	£43.26
	• 10 mm²			10 - 25 mm²			
	• 10 mm²			10 - 25 mm²			
	• 10 mm²			10 - 25 mm²			

READY CAST

The new pre-filled resin joint for extruded insulation cables up to 1 kV.

Thanks to its innovative pre-engraved and fracture-facilitated cable entry system, Ready Cast adapts itself quickly and extremely easily to any cable diameter, while respecting the minimum and maximum diameters that can be housed in the range. With the quick and safe connection block included in the pack or with commonly used connectors that can always be housed in the practical 4x separator, included in the kit.

CONNECTION BLOCK INCLUDED

SPECIFICATION

Resin: UL 94-HB 
Working temperature: 90°
Installation temperature: -40°C / +50°C
Fully submersible
Can be used underground
Halogen-free Resin
UV resistant

Electrical performance:
CEI EN 50393
Class 2 with CEI 64-8

IP68
OFFICIALLY
TESTED

READY CAST L



* N° x mm²

ITEM / PART NO	CABLE Ø	CABLE FORMATION *					DIMENSIONS	TRADE
		1 x	2 x	3 x	4 x	5 x		
READY CAST L4 (Pack of 2)	8 - 18 mm		6 - 25	2.5 - 4	2.5 - 4	2.5 - 4	L160 x W45 mm	£30.59
				2.5 - 4	2.5 - 4			
READY CAST L10	8 - 23 mm		16 - 50	4 - 10	4 - 10	4 - 10	L180 x W50 mm	£19.06
				2.5 - 6	2.5 - 6	2.5 - 6		
READY CAST L16/25	8 - 30 mm		35 - 150	10 - 25	6 - 25	4 - 25	L215 x W55 mm	£21.94
				6 - 25	6 - 25	6 - 16		

**SUITABLE
FOR
ARMOURED
JOINTS**



EASY
Scissors +
nothing more!



MULTI-CONNECTION
Ideal for many types of
connection



**INTEGRATED
SOLUTIONS**
HOLE CASING
technology - Anti-
traction cable system
using the cable ties
secured to the casing

Each kit contains:
Enclosure, complete with filler
Cable ties
Screw connection system
4 x separator
Rayteam black insulation tape
Spring clips + earth wire

READY CAST Y



* N° x mm²

T: Through cable
B: Branch cable

ITEM / PART NO	CABLE Ø	CABLE FORMATION *					DIMENSIONS	TRADE
		1 x	2 x	3 x	4 x	5 x		
READY CAST Y6	T 8 - 20 mm		T 16 - 50 B 6 - 35	T 4 - 10 B 2.5 - 4	T 2.5 - 6 B 1.5 - 4	T 2.5 - 6 B 1.5 - 2.5	L180 x W100 mm	£22.51
	B 8 - 20 mm			T 4 - 6 B 2.5 - 4	T 2.5 - 6 B 1.5 - 4	T 2.5 - 6 B 1.5 - 2.5		
READY CAST Y16/25	T 8 - 30 mm		T 70 - 150 B 50 - 150	T 10 - 25 B 6 - 25	T 6 - 25 B 6 - 16	T 6 - 25 B 6 - 10	L220 x W105 mm	£32.24
	B 8 - 30 mm			T 10 - 16 B 4	T 6 - 16 B 2.5 - 4	T 6 - 16 B 2.5 - 4		

BOB

CONNECTORS INCLUDED

The IP68 / IP69K micro-joints, gel pre-filled, complete with connector, suitable for any type of installation, even the most extreme.

Extremely compact and space-saving, pre-filled with soft, highly conformable gel. With minimal aesthetic impact and visually pleasing. Equipped with integrated cable glands for IP68 and IP69K degree of ingress protection and cable retention.



SPECIFICATION

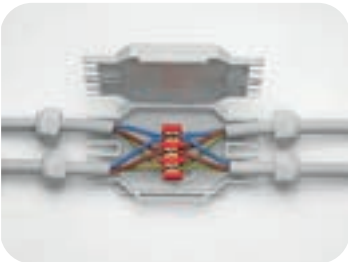
Gel: UL 94-HB 
Working temperature: 90°
Installation temperature: -40°C / +50°C
Fully submersible
Can be used underground
Halogen-free Gel
UV resistant
Self-extinguishing + resistant to abnormal heat + fire: Glow Wire Flammability Index at +960°C (EN60695-2-12)

ADVANTAGES

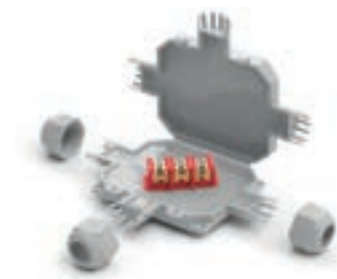
Ready to install
Pre-threaded entries for the positioning of the clamping nuts
No limited shelf life
Always re-enterable

Electrical performance:
CEI EN 50393
Class 2 with CEI 64-8

IP68 OFFICIALLY TESTED
IP69K OFFICIALLY TESTED



BOB 3

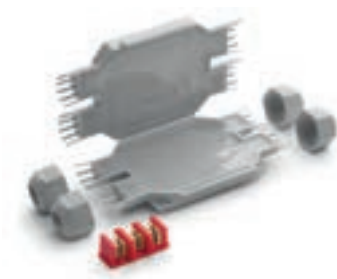


Form: 1 pc blister
Cables Ø min - max: 8 - 13 mm

* N° x mm²

ITEM / PART NO	COLOUR	MAX CABLE FORMATION *		DIMENSIONS	TRADE
		THROUGH	BRANCH		
BOB-3		1 cable 3 x 4 3 x 2.5	2 cables 3 x 4 2 cables 3 x 2.5	W105 x D80 x H25 mm	£21.63
BOB-3-N		1 cable 3 x 4 3 x 2.5	2 cables 3 x 4 2 cables 3 x 2.5	W105 x D80 x H25 mm	£21.63

BOB 4



Form: 1 pc blister
Cables Ø min - max: 8 - 13 mm

* N° x mm²

ITEM / PART NO	COLOUR	MAX CABLE FORMATION *		DIMENSIONS	TRADE
		THROUGH	BRANCH		
BOB-4		1 cable 3 x 4 3 x 2.5	2 cables 3 x 4 3 cables 3 x 2.5	W105 x D65 x H25 mm	£23.93
BOB-4-N		1 cable 3 x 4 3 x 2.5	2 cables 3 x 4 3 cables 3 x 2.5	W105 x D65 x H25 mm	£23.93

BABY BOX

Pre-filled boxes (1 to 2) – (1 to 3) with integrated terminal block and clamping nuts.

BABY BOX is the range of ready to use boxes/junction boxes, complete with terminal block and a kit of components that allow its use with cables from 8 to 18 mm in diameter and ducts from 16 to 20 mm in diameter. Nothing to pour and no waiting times as it is already pre-filled with a non-toxic gel, which insulates and seals the connection thoroughly and gives to the range the maximum of reliability. BABY BOX, 3-entrances box with three-pole terminal block and BABY BOX 3, 4-entrances box with five-pole terminal block, are very simple to install and equipped with external holes for wall fixing.

SPECIFICATION

Gel: UL 94-HB 
 Working temperature: 90°
 Installation temperature: -40°C / +50°C
 Gel operating temperature: -60°C / +200°C
 Fully submersible
 Can be used underground
 Halogen-free Gel
 UV resistant
 Self-extinguishing + resistant to abnormal
 heat + fire: Glow Wire Flammability Index at
 +960°C (EN60695-2-12)

ADVANTAGES

Ready to install
 Always re-enterable
 Wall or external ceiling fixing system
 Click and hook closure, does not require
 screws
 No limited shelf life

Electrical performance:
 CEI EN 50393
 Class 2 with CEI 64-8

IP68 **IP69K**
 OFFICIALLY TESTED OFFICIALLY TESTED

BABY BOX

Cables Ø min - max: 8 - 18 mm
 Tubes Ø: 16 / 20 mm | 3 entrance points

ITEM / PART NO	COLOUR	CONNECTORS	DIMENSIONS	TRADE
BABY BOX		3x Max 12 mm ²	W90 x D80 x H47 mm	£25.89
BABY BOX-N		3x Max 12 mm ²	W90 x D80 x H47 mm	£25.89



BABY BOX 3

Cables Ø min - max: 8 - 18 mm
 Tubes Ø: 16 / 20 mm | 4 entrance points

ITEM / PART NO	COLOUR	CONNECTORS	DIMENSIONS	TRADE
BABY BOX 3		5x Max 12 mm ²	W95 x D110 x H43 mm	£28.74
BABY BOX 3-N		5x Max 12 mm ²	W95 x D110 x H43 mm	£28.74



READY BOX

IP68 **IP69K**
 OFFICIALLY TESTED OFFICIALLY TESTED

3 or 4 entrances junction boxes pre-filled with gel, complete with integrated terminal block and cable glands.

Ready Boxes are pre-filled with gel and ready to use; complete with terminal blocks but can also be used with the most common connection systems. Supplied with nuts for the conformation with 3 or 4 outputs, they are suitable for a very wide range of cables or ducts diameters.

SPECIFICATION

Gel: UL 94-HB 
 Working temperature: 90°
 Gel operating temperature: -60°C / +200°C
 Fully submersible
 Can be used underground
 Halogen-free Gel
 UV resistant
 Self-extinguishing + resistant to abnormal
 heat + fire: Glow Wire Flammability Index at
 +960°C (EN60695-2-12)

ADVANTAGES

Ready to install
 Always re-enterable
 Wall or external ceiling fixing system
 Click and hook closure, does not require
 screws
 No limited shelf life

Electrical performance:
 CEI EN 50393
 Class 2 with CEI 64-8

IP68 **IP69K**
 OFFICIALLY TESTED OFFICIALLY TESTED

READY BOX 90

Cables Ø min - max: 8 - 18 mm
 Tubes Ø: 16 / 20 / 32 mm | 3 entrance points

ITEM / PART NO	COLOUR	DIMENSIONS	TRADE
READY BOX 90		W90 x D90 x H45 mm	£28.84
READY BOX 90 - N		W90 x D90 x H45 mm	£28.84



READY BOX 120

Cables Ø min - max: 8 - 18 mm
 Tubes Ø: 16 / 20 / 32 mm | 4 entrance points

ITEM / PART NO	COLOUR	DIMENSIONS	TRADE
READY BOX 120		W120 x D100 x H45 mm	£37.47
READY BOX 120 - N		W120 x D100 x H45 mm	£37.47



FOX BOX

3 or 5 entrance jointing enclosure with gel filled perimeter chamber providing lighter weight with maximum capacity.

Kit includes accessories to maximise versatility allowing the use of cables from 8 to 18 mm in diameter or with 16, 20 and 32 mm diameter cable conduits. The internal, gel-free compartment allows for dry connections or any future alterations or disconnections. The gel, contained in the perimeter chamber also surrounds, insulates and seals any armour continuity connections or cable shields.

SPECIFICATION

Gel: UL 94-HB 
 Working temperature: 90°
 Gel operating temperature: -60°C / +200°C
 Fully submersible
 Can be used underground
 Halogen-free Gel
 UV resistant
 Self-extinguishing + resistant to abnormal heat + fire: Glow Wire Flammability Index at +960°C (EN60695-2-12)

ADVANTAGES

Ready to use
 Always re-enterable
 Wall or external ceiling fixing system
 Click and hook closure, does not require screws
 No limited shelf life

Electrical performance:
 CEI EN 50393
 Class 2 with CEI 64-8

IP68 IP69K
 OFFICIALLY TESTED OFFICIALLY TESTED



FOX BOX



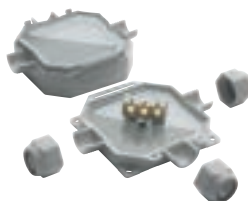
Cables Ø min - max: 8 - 18 mm
 Tubes Ø: 16 / 20 / 32 mm | Inner capacity: W116 x D78 x H32 mm

ITEM / PART NO	COLOUR	DIMENSIONS	TRADE
FOX BOX		W210 x D155 x H45 mm	£41.73
FOX BOX-N		W210 x D155 x H45 mm	£41.73

FOX BOX 3

Cables Ø min - max: 8 - 18 mm
 Tubes Ø: 16 / 20 / 32 mm | Inner capacity: W79 x D60 x H32 mm

ITEM / PART NO	COLOUR	DIMENSIONS	TRADE
FOX BOX 3		W180 x D135 x H45 mm	£36.16
FOX BOX 3-N		W180 x D135 x H45 mm	£36.16



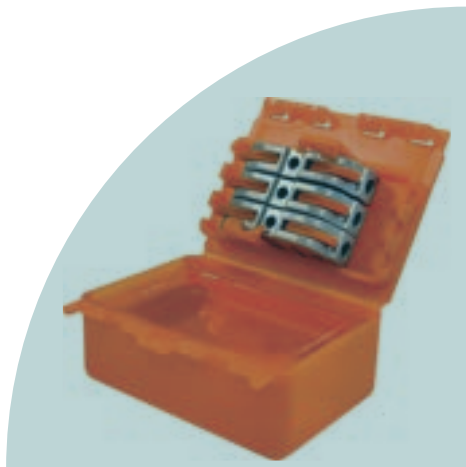
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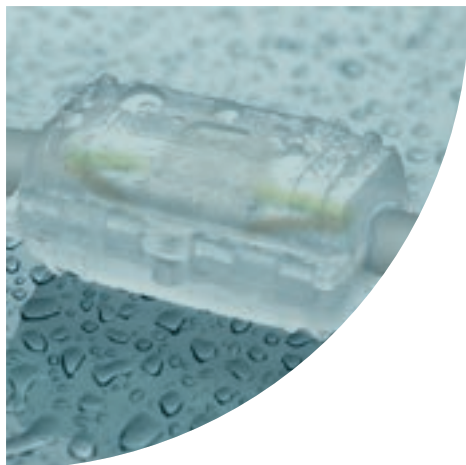
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