







Inspired by minimalism

It's hard to imagine an electrical installation without connectors. But many of our customers want just that. A lack of space, limited accessibility and the sheer number of cables are time-consuming challenges faced in day-to-day working life. Our developers have kept reducing the size of our HelaCon connectors further and further in their search for the answer. The latest HelaCon Plus Mini connectors (see page 405) offer ease of use combined with high standards processing reliability.

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HelaTape

HellermannTyton offers a comprehensive range of Vinyl and Rubber Tapes for bundling, insulating, fixing, sealing and marking applications around all kinds of electrical applications. Vinyl electrical tapes are designed for low voltage applications and available in different dimensions and colours.

Vinyl Electrical Tapes - General Purpose Vinyl Electrical Tape

HelaTape Flex15 (0.15mm x 19mm x 20m)

Features and Benefits

- Flame retardant
- Vinyl electrical tape in many different colours
- Used for insulation, protection, fixing, maintenance, colour coding and more
- Good resistance to abrasion, sunlight, moisture, chemicals, and varying weather conditions
- Highly flexible with outstanding adhesion performance
- Harnessing of wires and cables
- Suitable for mechanical and electrical applications up to 1 kV
- VDE approved according to IEC 60454-3-1-6/F-PVCP/90



Highly flexible and with good adhesion levels HelaTape Flex 15 can be used in several applications.



MATERIAL	Polyvinylchloride (PVC)
Dielectric Strength	40 kV/mm (Wet)
Adhesion to Steel	2,2 N/cm
Adhesion to Backing	2,0 N/cm
Elongation at break	200 %
Tensile Strength	28 N/cm
Operating Temperature	+90 °C

Test method used IEC 60454-2.



PART NO.	Thickness (T)	Length (L)	Width (W)	Colour	EAN bar code	Pack Cont	Article-No.
FLEX15BK	0.15	20.0 m	19.0	Black	4031026479880	10 pcs.	710-00155
FLEX15RD	0.15	20.0 m	19.0	Red	4031026479859	10 pcs.	710-00152
FLEX15BU	0.15	20.0 m	19.0	Blue	4031026479842	10 pcs.	710-00151
FLEX15WT	0.15	20.0 m	19.0	White	4031026479897	10 pcs.	710-00156
FLEX15GN	0.15	20.0 m	19.0	Green	4031026 479873	10 pcs.	710-00154
FLEX15YE	0.15	20.0 m	19.0	Yellow	40312026479866	10 pcs.	710-00153
FLEX15GNYE	0.15	20.0 m	19.0	Green yellow	4031026479903	10 pcs.	710-00157
FLEX15RP	0.15	20.0 m	19.0	Rainbow pack	4031026550541	10 pcs.	710-00165

All dimensions in mm. Subject to technical changes.





Vinyl Electrical Tapes - Industrial Grade Vinyl Electrical Tape

HelaTape Flex18 (0.18mm x 19mm x 20m)

Features and Benefits

- Flame retardant
- Used as primary insulation for splices up to 600 volts
- Provides a protective outer jacket to splices at higher voltages
- Wrapping wire harnesses and insulating degaussing coils
- Colour coding electrical circuits
- Lead-free
- Resistant to sun, water, acids, alkalis, corrosive chemicals



HelaTape Flex18 for general splicing purposes.



Material	Polyvinylchloride (PVC)
Dielectric Strength	51 kV/mm
Adhesion to Steel	2,6 N/cm
Adhesion to Backing	2,6 N/cm
Elongation at break	250 %
Tensile Strength	28 N/cm
Operating Temperature	+80 °C

Test method used ASTM-D-1000.



PART NO.	Thickness (T)	Length (L)	Width (W)	Colour	EAN bar code	Pack Cont	Article-No.
FLEX18BK	0.18	20.0 m	19.0	Black	4031026402079	10 pcs.	710-00201
FLEX18WT	0.18	20.0 m	19.0	White	4031026436678	10 pcs.	710-00209
FLEX18RD	0.18	20.0 m	19.0	Red	4031026402086	10 pcs.	710-00206
FLEX18BU	0.18	20.0 m	19.0	Blue	4031026436647	10 pcs.	710-00200
FLEX18GN	0.18	20.0 m	19.0	Green	6005242040177	10 pcs.	710-00208
FLEX18YE	0.18	20.0 m	19.0	Yellow	6005242040207	10 pcs.	710-00207
FLEX18GNYE	0.18	20.0 m	19.0	Green yellow	4031026436685	10 pcs.	710-00210
FLEX18RP	0.18	20.0 m	19.0	Rainbow pack	4031026573618	10 pcs.	710-00215

All dimensions in mm. Subject to technical changes.





HelaTape Flex – Premium vinyl electrical tapes

HelaTape Flex1000+ (0.18mm x 19mm x 20m)

Features and Benefits

- Flame retardant
- All-weather, professional grade, self-adhesive vinyl insulating tape
- Excellent performance and durability from -18°C to +105°C
- Used for insulation, protection, fixing, maintenance, colour coding
- Pressure sensitive high quality rubber based adhesive
- Performs continuously at low temperature environment
- Excellent resistance to abrasion, water, chemicals, corrosion and sun
- Used as primary insulation for splices up to 600 volts
- Protective jacketing for low–high voltage splices and repairs
- Harnessing of wires and cables
- For indoor and outdoor applications



HelaTape Flex 1000+ provides excellent performance over a wide range of temperatures.

MATERIAL	Polyvinylchloride (PVC)
Dielectric Strength	70 kV/mm (black)
Adhesion to Steel	3,0 N/cm
Adhesion to Backing	2,7 N/cm
Elongation at break	300 %
Tensile Strength	35 N/cm
Operating Temperature	-18 °C to +105 °C

Test method used ASTM-D-1000.



PART NO.	Thickness (T)	Length (L)	Width (W)	Colour	EAN bar code	Pack Cont	Article-No.
FLEX1000BK	0.18	20.0 m	19.0	Black	4031026548586	Each	710-10602
FLEX1000RD	0.18	20.0 m	19.0	Red	4031026548609	Each	710-10604
FLEX1000BL	0.18	20.0 m	19.0	Blue	4031026548593	Each	710-10603
FLEX1000WT	0.18	20.0 m	19.0	White	4031026548630	Each	710-10607

All dimensions in mm. Subject to technical changes.



Vinyl Electrical Tapes – Vinyl Tape for Corrosion Protection

HelaTape Wrap 25 (0.25mm x 50mm x 30m)



HelaTape Wrap 25 protects against all types of corrosion.

Features and benefits

- Special adhesive with excellent protection against corrosion
- Complete environmental, mechanical and electrical protection
- Highly resistant to UV, water, oil, most chemicals, bacteria and fungus
- Used for pipes, tubes, and conduits in outside and underground applications

MATERIAL	Polyvinylchloride (PVC)
Dielectric Strength	40 kV/mm
Adhesion to Steel	2.4 N/10 mm
Adhesion to Backing	2.0 N/10 mm
Elongation at break	250 %
Breaking Strength	48 N/10 mm
Operating Temperature	-10 °C to +90 °C

RoHS ✓

Duct Tape

HelaTape Wrap 13 (0.13mm x 48mm x 30m)



HelaTape Wrap 13 Duct Tape.

Features and benefits

- Flame retardant
- Weather resistant
- Lead free

MATERIAL	Polyvinylchloride (PVC)
Dielectric Strength	5 kV/mm
Adhesion to Steel	1.5 N/10 mm
Adhesion to Backing	1.5 N/10 mm
Elongation at break	200 %
Operating Temperature	-10 °C to +90 °C

RoHS ✓

HelaTape Wrap 25

PART NO.	Thickness (T)	Length (L)	Width (W)	Colour	Article-No.
WRAP25	0.25	30.0 m	50.0	Black (BK)	710-10802

All dimensions in mm. Subject to technical changes.

HelaTape Wrap 13

PART NO.	Thickness (T)	Length (L)	Width (W)	Colour
WRAP13	0.13	30.0 m	48.0	Grey (GY)

All dimensions in mm. Subject to technical changes.



Wire Harness Tape – Strong, High Temperature Cloth Tape

HelaTape Protect 250 (0.25mm x 19mm x 25m)



HelaTape Protect 250 is designed for cable harnessing and offers a very high temperature resistance.

Features and benefits

- High temperature Polyester Fabric harnessing tape
- Special acrylate-based adhesive offers very good heat and media resistance
- Very high temperature stability from -40 °C to +150 °C
- Temperature and humidity resistance tested according to LV312
- Very good resistance against abrasion
- Material is very flexible and easy to handle
- Excellent ageing resistance, stable against rotting

MATERIAL	Polyester (PET)
Operating Temperature	-40 °C to +150 °C
Adhesion to Steel	2.5 N/10 mm
Adhesion to Backing	2 N/10 mm
Elongation at break	15 %
Breaking Strength	180 N/10 mm

HF ✓

RoHS ✓

Wire Harness Tape – Soft and Flexible Fleece Tape

HelaTape Protect 300 (0.3mm x 19mm x 25m)



HelaTape Protect 300 provides high noise reduction and media resistance.

Features and benefits

- Soft Polyester Fleece harnessing tape
- High noise reduction and very high resistance against abrasion
- Synthetic rubber based adhesive offers good heat and media resistance
- High temperature stability from -40 °C to +105 °C
- Material is very flexible and tearable by hand
- Excellent ageing resistance and stable against rotting

MATERIAL	Polyester (PET)
Operating Temperature	-40 °C to +105 °C
Adhesion to Steel	2 N/10 mm
Adhesion to Backing	2 N/10 mm
Elongation at break	10 %
Breaking Strength	30 N/10 mm

HF ✓

RoHS ✓

HelaTape Protect 250

PART NO.	Thickness (T)	Length (L)	Width (W)	Colour	Article-No.
PROTECT250	0.25	25.0 m	19.0	Black (BK)	712-10003

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.

HelaTape Protect 300

PART NO.	Thickness (T)	Length (L)	Width (W)	Colour	Article-No.
PROTECT300	0.30	25.0 m	19.0	Black (BK)	712-10001

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Self-amalgamating Tapes - High Voltage Rubber Tape

HelaTape Power 810 (EPR) (0.76mm x 19mm x 9.1m)

Features and Benefits

- Self-amalgamating tape for insulating and jacketing splices up to 69 kV
- Halogen-free with outstanding corona, ozone and UV-resistance
- Ideal for sealing of terminations, electrical connections, and cable jacket repair
- Void-free, electrically stable layering
- Protects bus bar components
- Excellent moisture, corrosion and chemical resistance
- Compatible with all extruded cable insulations



HelaTape Power 810 for primary insulation up to 69 kV.

MATERIAL	Ethylene Propylene Rubber (EPR)
Operating Temperature	+90 °C
Intermittent Operating Temperature	+130 °C
Water Absorption	0.06 %
Tensile Strength	2,4 N/mm ²
Elongation at break	750 %
Volume Resistance	10 ¹⁶ Ω cm
Dielectric Strength	30 kV/mm

HF ✓

RoHS ✓

PART NO.	Thickness (T)	Length (L)	Width (W)	Colour	EAN bar code	Pack Cont	Article-No.
POWER810	0.76	9.1 m	19.0	Black	4031026548852	Each	711-10401

All dimensions in mm. Subject to technical changes.



Self-amalgamating Tapes – Medium Voltage Rubber Tape

HelaTape Power 700 (PIBR) (0.5mm x 19mm x 10m)

Features and benefits

- Polyisobutylene-based self-amalgamating medium voltage tape
- Insulating and jacketing power cables up to 46 kV
- Provides electrical stability and permanent moisture sealing
- Perfect stretching properties allows fast and uniform application
- Excellent UV, moisture, corrosion and chemical resistance
- Temperature range from -40 °C to +90 °C
- Compatible with all extruded cable insulation materials



HelaTape Power 700 is a self-amalgamating medium voltage rubber tape.

MATERIAL	Polyisobutylene Rubber (PIBR)
Operating Temperature	+90 °C
Water Absorption	0.02 %
Tensile Strength	2.4 N/mm ²
Elongation at break	700 %
Volume Resistance	10 ¹³ Ω cm
Dielectric Strength	35 kV/mm

HF ✓

RoHS ✓

PART NO.	Thickness (T)	Length (L)	Width (W)	Colour	Article-No.
POWER700	0.50	10.0 m	19.0	Black (BK)	711-00308

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Self-amalgamating Tapes - Electrical Insulation Mastic

HelaTape Power 31 (1.27mm x 51mm x 2.6m)

Features and Benefits

- For jacket repair and restoration on mine trailing cable
- Used in buried power cable, and communication cable
- Sealing and repairing cable conduit
- Excellent abrasion and flame resistance
- UV resistant
- Oil and chemical resistant
- Excellent moisture seal
- No heat required
- Will not corrode copper or aluminum



HelaTape Power 31 jacket repair mining tape.

PART NO.	Thickness (T)	Length (L)	Width (W)	Colour
POWER31	1.27	2.6 m	51	Black (BK)

Self-amalgamating Tapes – Silicone Rubber Tape

HelaTape Power 800 (0.51mm x 25mm x 9.1m)

Features and benefits

- Self-amalgamating and self-cleaning, chemically cross-linked silicone rubber tape
- Triangular cross-section with centre line for precise half-overlapping
- Resistant to creepage and surface erosion
- Fuses into solid mass after application
- Weather, UV and oil resistant
- Recommended use for high temperature silicone insulated cables and outdoor machinery and transformers



HelaTape Power 800 is a silicone rubber tape with triangular cross-section.

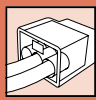
MATERIAL	Silicone (SI)
Operating Temperature	+180 °C
Tensile Strength	7 N/mm ²
Elongation at break	400 %
Volume Resistance	10 ¹⁴ Ω cm
Dielectric Strength	23.5 kV/mm

HF ✓

RoHS ✓

PART NO.	Thickness (T)	Length (L)	Width (W)	Colour	Article-No.
POWER800	0.51	9.1 m	25.0	Grey (GY)	711-10400

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Connectors - For Solid and Stranded Wires

HelaCon Plus Mini

HelaCon connectors are used for fast, easy and reliable connection and distribution of cable and conductors in electrical installation applications. The new generation of HelaCon Plus Mini wire connectors can be applied tool-free using the push-in technology. HelaCon Plus Mini uses a double spring which is approved for solid and stranded wires.

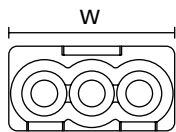
Features and benefits

- Wire range: 0.5 to 2.5 mm²
- 40% smaller – Space saving design
- Low insertion force – Easy to use, saves time on installation
- Easy access to voltage test entry and innovative port shape design
- Correct installation can be visually checked through transparent housing
- Different colour codes for easy identification of size
- Allows different conductor diameters in each entry
- Safe application, installation and maintenance
- Practical Variobox with 350 pcs. of selected HCPM wire connectors available (148-90046)

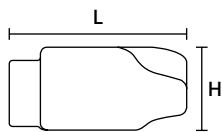


Connectors of the HelaCon Plus Mini family offering multiple sizes and colours.

MATERIAL	Polycarbonate (PC)
Max Current	24 A
Max Voltage	600 V
Wire Range (VDE)	0.5 to 2.5 mm ² solid wires / 1.0 to 2.5 mm ² stranded wires
Stripping Length	11 mm
Flammability	UL94 V0
Operating Temperature	-30 °C to +85 °C
Specifications	2006/65/EC, ANSI/UL 486-A, ANSI/ UL 486-B, ANSI/UL 486-C, cULus, EN 60998-2-2:2004, EN 60998-2-2:201, ENEC



HelaCon Plus Mini
front view



HelaCon Plus Mini side view



One Step to the Web!

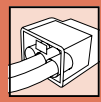


TYPE	Drawing	Number of Conductors	Colour	Width (W)	Height (H)	Length (L)	Pack Cont.	Article-No.
HCPM-2		2	Yellow (YE)	10.8	7.7	16.5	150 pcs.	148-90036
HCPM-3		3	Orange (OG)	15.1	7.7	16.5	100 pcs.	148-90037
HCPM-4		4	Transparent (CL)	19.4	7.7	16.5	100 pcs.	148-90038
HCPM-5		5	Blue (BU)	23.7	7.7	16.5	75 pcs.	148-90039
HCPM-6		6	Violet (VT)	28.0	7.7	16.5	50 pcs.	148-90040
HCPM-8		8	Black (BK)	36.6	7.7	16.5	50 pcs.	148-90041
HCPM Variobox 350		-	Transparent (CL)	-	7.7	16.5	350 pcs.	148-90046

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



For product specific approvals and specifications please refer to the Appendix.



Connectors - For all Types of Wire

HelaCon Releasable

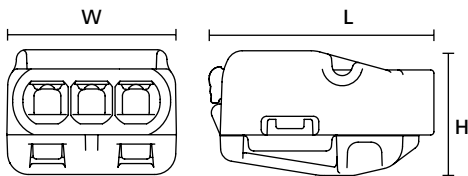
The HelaCon Releasable connectors are used for all types of wire to connect cable and conductors in the field of electrical installation. The connectors can be used in all kinds of junction boxes either on-wall or flush-mounted. HelaCon offers the best possible solution when convenient processing and maximum safety is required.

Features and Benefits

- Wire clamping range: 0.5 - 4.0 mm²
- Universal push-in wire connector for solid, stranded and fine-stranded wires
- Solid wires simply push-in - no need to open lever
- Compact size connector
- Separate voltage test entry on the bottom
- Fully re-useable - no screwdriver required
- For proper fixing that can be visually checked through transparent housing
- Safe application, installation and maintenance



HelaCon Releasable connectors are easy released without any tool.



HelaCon Releasable front view.

HelaCon Releasable side view.

MATERIAL	Polycarbonate (PC)
Max Current	32 A
Max Voltage	450 V
Wire Range (VDE)	0.5 to 4.0 mm ² all types of wire
Stripping Length	10 mm
Flammability	UL94 V0
Operating Temperature	-30 °C to +85 °C



TYPE	Drawing	Colour	Width (W)	Height (H)	Length (L)
HCR-2		Transparent (CL)	11.9	11.7	21.1
HCR-3		Transparent (CL)	16.1	11.7	21.1
HCR-5		Transparent (CL)	24.5	11.7	21.1

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.





The HellermannTyton range of pre-insulated terminals feature:

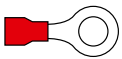
- Single Grip with standard single crimp (use YYT1 crimper)
- Double Grip with special double crimp for use in high vibration areas (use YYT7 crimper)
- Three piece manufacturing process
- Colour coded vinyl insulated for easier identification of cable sizes
- Temperature rating on vinyl is +75°C, our Nylon range is rated at +105°C
- Resealable bags

Terminal colour	RD	BL	YW
Conductor range (mm ²)	0.5-1.5	1.5-2.5	4.0-6.0
Strip length for terminals (mm)	4-5	5-6	6-7
Strip length for inline splice (mm)	7-8	7-8	7-8

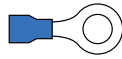


Packaging for double grip pre-insulated terminals.

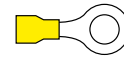
DOUBLE GRIP RING TERMINALS



HTA part number	Stud (mm)	Colour	Pack qty
RD1-3	3.2	RD	100
RD1-4	4.3		
RD1-5	5.3		
RD1-6	6.4		
RD1-8	8.4		
RD1-10	10.5		



HTA part number	Stud (mm)	Colour	Pack qty	
RD2-3	3.2	BL	100	
RD2-4	4.3			
RD2-5	5.3			
RD2-6	6.4			
RD2-8	8.4			
RD2-10	10.5			
RD2-12	13.0			50



HTA part number	Stud (mm)	Colour	Pack qty
RD5-3	3.2	YW	100
RD5-4	4.3		
RD5-5	5.3		
RD5-6	6.4		
RD5-8	8.4		50
RD5-10	10.5		
RD5-12	13.0		

DOUBLE GRIP SPADES/FORKS



HTA part number	Stud (mm)	Colour	Pack qty
SD1-3	3.2	RD	100
SD1-3.5	3.7		
SD1-4	4.3		
SD1-5	5.3		
SD1-6	6.4		



HTA part number	Stud (mm)	Colour	Pack qty
SD2-3	3.2	BL	100
SD2-3.5	3.7		
SD2-4	4.3		
SD2-5	5.3		
SD2-6	6.4		



HTA part number	Stud (mm)	Colour	Pack qty
SD5-3	3.7	YW	50
SD5-4	4.3		
SD5-5	5.3		
SD5-6	6.4		

DOUBLE GRIP PIN CONNECTORS



HTA part number	Pin (mm)	Colour	Pack qty
PD1	9	RD	100



HTA part number	Pin (mm)	Colour	Pack qty
PD2	9	BL	100



HTA part number	Pin (mm)	Colour	Pack qty
PD5	14	YW	50



Double Grip Butt Splices



HTA part number	Length (mm)	Colour	Pack qty
BS1	26	RD	100



HTA part number	Length (mm)	Colour	Pack qty
BS2	26	BL	100



HTA part number	Length (mm)	Colour	Pack qty
BS5	27	YW	50

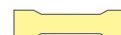
HEAT SHRINK DOUBLE GRIP BUTT SPLICES - WATERPROOF CONNECTIONS



HTA part number	Length (mm)	Colour	Pack qty
BSW1	35	RD	100



HTA part number	Length (mm)	Colour	Pack qty
BSW2	35	BL	100



HTA part number	Length (mm)	Colour	Pack qty
BSW5	35	YW	50

DOUBLE GRIP FLAT BLADES



HTA part number	Pin (mm)	Colour	Pack qty
FBD1-S	20	RD	100
FBD1-L	29		



HTA part number	Pin (mm)	Colour	Pack qty
FBD2-S	20	BL	100
FBD2-L	29		



HTA part number	Pin (mm)	Colour	Pack qty
FBD5-S	24	YW	50
FBD5-L	32		

DOUBLE GRIP LIP BLADES



HTA part number	Blade (mm)	Colour	Pack qty
LBD1-N	3	RD	100
LBD1-W	5		



HTA part number	Blade (mm)	Colour	Pack qty
LBD2-N	3	BL	100
LBD2-W	5		



HTA part number	Blade (mm)	Colour	Pack qty
LBD5-N	3	YW	50
LBD5-W	5		

DOUBLE GRIP QC DISCONNECTS MALE FUNNEL ENTRY



HTA part number	Tab (mm)	Colour	Pack qty
QDM1-6	6.4x0.8	RD	100



HTA part number	Tab (mm)	Colour	Pack qty
QDM2-6	6.4x0.8	BL	100



HTA part number	Tab (mm)	Colour	Pack qty
QDM5-6	6.4x0.8	YW	50

DOUBLE GRIP QC FULLY INSULATED FEMALE FUNNEL ENTRY



HTA part number	Tab (mm)	Colour	Pack qty
QDF1-5F/5	4.8x0.5	RD	100
QDF1-5F/8	4.8x0.8		



HTA part number	Tab (mm)	Colour	Pack qty
QDF2-5F/5	4.8x0.5	BL	100
QDF2-5F/8	4.8x0.8		



DOUBLE GRIP NYLON 105°C FULLY INSULATED FEMALE FUNNEL ENTRY



HTA part number	Tab (mm)	Colour	Pack qty
QDF1-6F	6.4x0.8	RD	100



HTA part number	Tab (mm)	Colour	Pack qty
QDF2-6F	6.4x0.8	BL	100



HTA part number	Tab (mm)	Colour	Pack qty
QDF5-6F	6.4x0.8	YW	50

DOUBLE GRIP QC FEMALE FUNNEL ENTRY



HTA part number	Tab (mm)	Colour	Pack qty
QDF1-3/5	2.8x0.5	RD	100
QDF1-3/8	2.8x0.8		
QDF1-5/5	4.8x0.5		
QDF1-5/8	4.8x0.8		
QDF1-6	6.4x0.8		



HTA part number	Tab (mm)	Colour	Pack qty
QDF2-3/5	2.8x0.5	BL	100
QDF2-3/8	2.8x0.8		
QDF2-5/5	4.8x0.5		
QDF2-5/8	4.8x0.8		
QDF2-6	6.4x0.8		



HTA part number	Tab (mm)	Colour	Pack qty
QDF5-6	6.4x0.8	YW	50
QDF5-9	9.4x1.0		

DOUBLE GRIP QC PIGGY BACKS FUNNEL ENTRY



HTA part number	Tab (mm)	Colour	Pack qty
QDF1-6P	6.4x0.8	RD	50



HTA part number	Tab (mm)	Colour	Pack qty
QDF2-6P	6.4x0.8	BL	50



HTA part number	Tab (mm)	Colour	Pack qty
QDF5-6P	6.4x0.8	YW	25

NYLON FLAG QC FEMALE DISCONNECTS 105°C FULLY INSULATED FUNNEL ENTRY



HTA part number	Tab (mm)	Colour	Pack qty
QDF1-6F90	6.4x0.8	RD	50



HTA part number	Tab (mm)	Colour	Pack qty
QDF2-6F90	6.4x0.8	BL	50

DOUBLE GRIP FEMALE BULLETS FUNNEL ENTRY



HTA part number	Bullet (dia mm)	Colour	Pack qty
FD1-4	4	RD	100



HTA part number	Bullet (dia mm)	Colour	Pack qty
FD2-5	4	BL	50



HTA part number	Bullet (dia mm)	Colour	Pack qty
FD5-5	5	YW	50

DOUBLE GRIP MALE BULLETS FUNNEL ENTRY



HTA part number	Bullet (dia mm)	Colour	Pack qty
BDM1-4	4	RD	100



HTA part number	Bullet (dia mm)	Colour	Pack qty
BDM2-5	4	BL	100



HTA part number	Bullet (dia mm)	Colour	Pack qty
BDM5-5	5	YW	50



The HellermannTyton range of nylon & un-insulated bootlace ferrules feature:

- Precise terminations for applications of where fine stranded multi core cable is used
- Reduces the possibility of short circuiting
- Colour coded for easier identification
- Non-insulated range of bootlace ferrules are electro grade copper with electro tinned plated for high conductivity
- Resealable bags



Packaging for bootlace ferrules.

NYLON INSULATED BOOTLACE FERRULES



HTA part number	Description	Colour	Pack qty
BL0.34	0.34mm ² pink bootlace ferrules	Pink	100
BL0.50	0.50mm ² white bootlace ferrules	White	100
BL0.50/500	0.50mm ² white bootlace ferrules (500pk)		500
BL0.75	0.75mm ² blue bootlace ferrules	Blue	100
BL0.75/500	0.75mm ² blue bootlace ferrules (500pk)		500
BL1.0	1.0mm ² red bootlace ferrules	Red	100
BL1.0/500	1.0mm ² red bootlace ferrules (500pk)		500
BL1.5	1.5mm ² black bootlace ferrules	Black	100
BL1.5/500	1.5mm ² black bootlace ferrules (500pk)		500
BL1.5-18	1.5mm ² x 18mm black bootlace ferrules		100
BL2.5	2.5mm ² grey bootlace ferrules	Grey	100
BL2.5/500	2.5mm ² grey bootlace ferrules (500pk)		500
BL2.5-18	2.5mm ² x 18mm grey bootlace ferrules		100
BL4	4.0mm ² orange bootlace ferrules	Orange	100
BL4/500	4.0mm ² orange bootlace ferrules (500pk)		500
BL4-18	4.0mm ² x 18mm orange bootlace ferrules		100
BL6	6.0mm ² green bootlace ferrules	Green	50
BL6/500	6.0mm ² green bootlace ferrules (500pk)		500
BL6-18	6.0mm ² x 18mm green bootlace ferrules		50
BL10	10.0mm ² brown bootlace ferrules	Brown	50
BL10-18	10.0mm ² x 18mm brown bootlace ferrules		50
BL16	16.0mm ² ivory bootlace ferrules	Ivory	50
BL16-18	16.0mm ² x 18mm ivory bootlace ferrules		50
BL25	25mm ² black bootlace ferrules	Black	10
BL25-22	25mm ² x 22mm black bootlace ferrules		10
BL35	35.0mm ² red bootlace ferrules	Red	10
BL35-25	35.0mm ² x 25mm red bootlace ferrules		10
BL50	50.0mm ² blue bootlace ferrules	Blue	10
BL70	70.0mm ² yellow bootlace ferrules	Yellow	5
BL95	95.0mm ² red bootlace ferrules	Red	5
BL120	120.0mm ² blue bootlace ferrules	Blue	5



NYLON INSULATED TWIN BOOTLACE FERRULES



HTA part number	Description	Colour	Pack qty
BLT0,50	Twin white 2 x 0.5mm ² bootlace ferrules	White	100
BLT0,75	Twin blue 2 x 0.75mm ² bootlace ferrules	Blue	100
BLT1,0	Twin red 2 x 1.0mm ² bootlace ferrules	Red	100
BLT1,5	Twin black 2 x 1.5mm ² bootlace ferrules	Black	100
BLT2,5	Twin grey 2 x 2.5mm ² bootlace ferrules	Grey	100
BLT4	Twin orange 2 x 4.0mm ² bootlace ferrules	Orange	50
BLT6	Twin green 2 x 6.0mm ² bootlace ferrules	Green	25

UN-INSULATED BOOTLACE FERRULES



HTA part number	Description	Pack qty
BLU0,50	Un-insulated 0.50mm ² bootlace ferrules	100
BLU0,75	Un-insulated 0.75mm ² bootlace ferrules	
BLU1,0	Un-insulated 1.0mm ² bootlace ferrules	
BLU1,5	Un-insulated 1.5mm ² bootlace ferrules	
BLU2,5	Un-insulated 2.5mm ² bootlace ferrules	
BLU4,0	Un-insulated 4.0mm ² bootlace ferrules	
BLU6	Un-insulated 6.0mm ² bootlace ferrules	50
BLU10	Un-insulated 10.0mm ² bootlace ferrules	
BLU16	Un-insulated 16.0mm ² bootlace ferrules	
BLU25	Un-insulated 25.0mm ² bootlace ferrules	10
BLU35	Un-insulated 35.0mm ² bootlace ferrules	
BLU50	Un-insulated 50.0mm ² bootlace ferrules	5
BLU70	Un-insulated 70.0mm ² bootlace ferrules	
BLU95	Un-insulated 95.0mm ² bootlace ferrules	
BLU120	Un-insulated 120.0mm ² bootlace ferrules	

CLOSED END CONNECTORS



HTA part number	Description	Pack qty
CE1	Closed end connector 0.5 - 1.5mm ²	50
CE2	Closed end connector 1.5 - 2.5mm ²	
CE5	Closed end connector 4.0 - 6.0mm ²	25

The HellermannTyton range meets all the conformant standards.





SINGLE GRIP LIP BLADES



HTA part number	Blade (mm)	Colour	Pack qty
1HB3	3	RD	100
1HB	5		

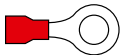


HTA part number	Blade (mm)	Colour	Pack qty
2HB3	3	BL	100
2HB	5		

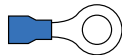


Packaging for single grip pre-insulated terminals.

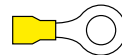
SINGLE GRIP RING TERMINALS



HTA part number	Stud (mm)	Colour	Pack qty
1R3	3.2	RD	100
1R4	4.3		
1R5	5.3		
1R6	6.4		
1R8	8.4		
1R10	10.5		
1R12	13		



HTA part number	Stud (mm)	Colour	Pack qty
2R3	3.2	BL	100
2R4	4.3		100
2R5	5.3		100
2R6	6.4		50
2R8	8.4		50
2R10	10.5		50
2R12	13		50



HTA part number	Stud (mm)	Colour	Pack qty
3R3	3.2	YW	100
3R4	4.3		50
3R5	5.3		50
3R6	6.4		50
3R8	8.4		50
3R10	10.5		50
3R12	13		50

SINGLE GRIP SPADES/FORKS



HTA part number	Stud (mm)	Colour	Pack qty
1S3	3.2	RD	100
1S4A	4.3		
1S5A	5.3		
1S6A	6.4		



HTA part number	Stud (mm)	Colour	Pack qty
2S3	3.2	BL	100
2S4A	4.3		
2S5A	5.3		
2S6	6.4		



HTA part number	Stud (mm)	Colour	Pack qty
3S4A	4.3	YW	50
3S5	5.3		
3S6A	6.4		

SINGLE GRIP PIN CONNECTORS



HTA part number	Pin (mm)	Colour	Pack qty
1P10	9	RD	100



HTA part number	Pin (mm)	Colour	Pack qty
2P10	9	BL	100



HTA part number	Pin (mm)	Colour	Pack qty
3P13	14	YW	25

SINGLE GRIP FLAT BLADES



HTA part number	Pin (mm)	Colour	Pack qty
1FB14	20	RD	50
1FB18	29		100



HTA part number	Pin (mm)	Colour	Pack qty
2FB13	20	BL	100
2FB18	29		



HTA part number	Pin (mm)	Colour	Pack qty
3FB10	24	YW	50
3FB14	32		

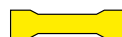
SINGLE GRIP BUTT SPLICES



HTA part number	Length (mm)	Colour	Pack qty
1UT	26	RD	100



HTA part number	Length (mm)	Colour	Pack qty
2UT	26	BL	100



HTA part number	Length (mm)	Colour	Pack qty
3UT	27	YW	50



Copper Cable Lug

Copper Lug Series

Copper cable lugs are used to terminate the ends of battery cable and welding cable so they can be connected to other electrical equipment such as starters, fuse blocks, distribution blocks, etc. Cable lugs are highly conductive and can handle very high currents. Our range of Copper Lugs/Links complies to Australian & New Zealand standard AS/NZS4325 Part 1:1995.

Features and Benefits

- Heat cycle test results available on request
- Wide range of sizes
- Can be crimped using cable lug crimper or hammer style crimper
- Can be soldered using solder slugs or electrical solder
- Easy insertion of cable



Copper Lug Series.



Long Barrel Short Palm Series



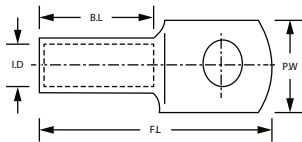
Long Barrel Long Palm Series



Bell Mouth Copper Lug Series



Bimetal Series



MATERIAL	Copper Grade C11000
Conductive Material	Copper 99.99.25% pure Oxygen content 30 p.p.m Max. Tensile strength 205 Mpa Min Ductile rating 40% Final metal state fully annealed Electroplating material tin 99.9% pure Other metals lead + antimony Thickness 5 -10 microns
Conformant Standards	AS/NZS4325 Part 1:1995
General Electrical Properties	Total conductivity 99.99.25% IACS Total resistivity: 1.72 micro-ohm cm
Operating Temperature	-55°C to 155°C due to oxygen-free copper

COPPER LUGS



HTA PART NUMBER	Conductor Size (mm ²)	Stranding metric	Stud	ID Size	Palm Width	Barrel Length	Full Length	A/F Hex	Pack Qty
CL1.5-4	1.5	7/0.50	M4	1.8	8	7	18	-	100
CL1.5-5			M5		8	7	18		
CL1.5-6			M6		10	7	19		
CL2,5-4			M4						

All dimensions in mm. Subject to technical changes.





HTA PART NUMBER	Conductor Size (mm ²)	Stranding metric	Stud	ID Size	Palm Width	Barrel Length	Full Length	A/F Hex	Pack Qty
CL2.5-5	2.5	7/0.67	M5	2.4	8	8	19	-	100
CL2.5-6			M6		10		21		
CL2.5-8			M8		12	7	24		
CL4-5	4	7/0.85	M5	3.1	10	9	22	-	100
CL4-6			M6		12		27		
CL4-8			M8		10		9		
CL4-10			M10		15	10	32		
CL6-5	6	7/1.04	M5	3.8	10	9	23	4.4	100
CL6-6			M6		12		27		
CL6-8			M8		10	27			
CL6-10			M10		15	10	32		
CL10-5			M5		18	11	38		
CL10-6	10	7/1.35	M6	4.7	12	10	27	5.7	100
CL10-8			M8		14		29		
CL10-10			M10		15		32		
CL10-12			M12		18	11	38		
CL16-6	16	7/1.70	M6	5.5	11	19	39	6.3	50
CL16-8			M8		14		41		
CL16-10			M10		16		46		
CL16-12			M12		18		46		
CL25-6	25	19/1.35	M6	7.1	13.5	21	41	7.7	50
CL25-8			M8		16		44		
CL25-10			M10		18		48		
CL25-12			M12		21		51		
CL35-6	35	19/1.53	M6	8.4	16	21	45	9.2	50
CL35-8			M8		18		51		
CL35-10			M10		22		51		
CL35-12			M12		20	22	51		
CL50-6	50	19/1.78	M6	9.5	18	22	46	10.4	50
CL50-8			M8		21		52		
CL50-10			M10		22		52		
CL50-12			M12		21	22	52		
CL70-6	70	19/2.14	M6	11.3	21	24	54	11.5	25
CL70-8			M8						
CL70-10			M10						
CL70-12			M12						
CL70-16			M16						
CL95-8	95	37/1.78	M8	13.5	25	27	60	14.2	25
CL95-10			M10				64		
CL95-12			M12				64		
CL95-16			M16				64		
CL120-8	120	37/2.03	M8	15.6	30	30	64	16.5	25
CL120-10			M10				70		
CL120-12			M12				70		
CL120-16			M16				70		

All dimensions in mm. Subject to technical changes.





HTA PART NUMBER	Conductor Size (mm ²)	Stranding metric	Stud	ID Size	Palm Width	Barrel Length	Full Length	A/F Hex	Pack Qty
CL150-10	150	37/2.25	M10	16.7	32	30	71	18.3	20
CL150-12			M12				75		
CL150-16			M16						
CL185-10	185	37/2.52	M10	18.4	36	32	74	20	20
CL185-12			M12		36	32	79		
CL185-16			M16		36	32	79		
CL240-10	240	61/2.25	M10	21.2	41	38	92	23.1	10
CL240-12			M12		41	38	92		
CL240-16			M16		41	38	92		
CL300-10	300	61/2.52	M10	23.8	46	42	101	26	5
CL300-12			M12						
CL300-16			M16						
CL400-12	400	61/2.85	M12	26.8	50	44	114	28.1	1
CL500-12	500	61/3.20	M12	30	56	50	119	31	1
CL630-12	630	127/2.52	M12	34	64.4	58	139	37	1

All dimensions in mm. Subject to technical changes.

LONG BARREL SHORT PALM



HTA PART NUMBER	Conductor Size (mm ²)	Stud	ID Size	Palm Width	Barrel Length	Full Length	A/F Hex	Pack Qty	
CL10-6LB	10	M6	4.7	12	21	39	5.7	1	
CL16-6LB	16		M8	5.5	11	35	60	6.3	1
CL16-8LB					14				1
CL16-12LB		16			1				
CL25-8LB	25	M8	7.1	13.5	44	62	7.7	1	
CL25-10LB		M10		16				1	
CL25-12LB		M12		18				1	
CL35-8LB	35	M8	8.4	16	48	65	9.2	1	
CL35-10LB		M10		18				1	
CL35-12LB		M12		20				1	
CL50-10LB	50	M10	9.5	18	54	77	10.4	1	
CL50-12LB		M12		21				1	
CL70-10LB	70	M10	11.3	21	60	81	11.5	1	
CL70-12LB		M12		21				1	
CL95-10LB	95	M10	13.5	25	64	88	14.2	1	
CL95-12LB		M12							1
CL120-10LB	120	M10	15.6	20.6	80	98	16.5	1	
CL120-12LB		M12							1
CL150-12LB	150	M12	16.7	22.2	90	110	18.3	1	
CL150-16LB		M16							1
CL185-12LB	185	M12	18.4	24.2	64	115	20	1	
CL240-12LB	240		21.2	41	80	142		1	
CL300-16LB	300	M16	23.8	46	90	153	26	1	
CL400LB	400	0	26.8	50	100	170	28.1	1	
CL500LB	500		30.0	56	105	181	31	1	
CL630LB	630		34.00	64.4	115	193	37	1	

All dimensions in mm. Subject to technical changes.



LONG BARREL LONG PALM



HTA PART NUMBER	Conductor Size (mm ²)	ID Size	Palm Width	Barrel Length	Full Length	A/F Hex	Pack Qty
CL16LPB	16	5.5	18.0	21	82	6.3	1
CL25LPB	25	7.1	18.0	29	95	7.7	1
CL35LPB	35	8.4	20.0	35	112	9.2	1
CL50LPB	50	9.5	21.0	44	130	10.4	1
CL70LPB	70	11.3	26.0	48	154	11.5	1
CL95LPB	95	13.5	26.0	54	161	14.2	1
CL120LPB	120	15.6	30.0	60	168	16.5	1
CL150LPB	150	16.7	32.0	60	169	18.3	1
CL185LPB	185	18.4	36.0	64	174	20	1
CL240LPB	240	21.2	41.0	80	180	23.1	1
CL300LPB	300	23.8	46.0	90	190	26	1
CL400LPB	400	26.8	50.0	100	200	28.1	1
CL500LPB	500	30.0	56.0	105	205	31	1
CL630LPB	630	34.0	64.4	115	215	37	1

All dimensions in mm. Subject to technical changes.

BELL MOUTH COPPER LUGS



HTA PART NUMBER	Conductor Size (mm ²)	Stud	ID Size	Palm Width	Barrel Length	Full Length	A/F Hex	Pack Qty		
CL10-6BM	10	M6	4.7	12	10	27	5.7	100		
CL10-8BM		M8		14		29				
CL10-10BM		M10		15		32				
CL10-12BM		M12		18	11	38				
CL16-6BM	16	M6	5.5	11	19	39	6.3	50		
CL16-8BM		M8		14		41				
CL16-10BM		M10		16		46				
CL16-12BM		M12		18		46				
CL25-6BM	25	M6	7.1	13.5	21	41	7.7	50		
CL25-8BM		M8		16		44				
CL25-10BM		M10		18		48				
CL25-12BM		M12		18		48				
CL35-6BM	35	M6	8.4	15	21	41	9.2	50		
CL35-8BM		M8							21	41
CL35-10BM		M10								
CL35-12BM		M12								
CL50-6BM	50	M6	9.5	15	22	46	10.4	50		
CL50-8BM		M8		19		49				
CL50-10BM		M10		21		54				
CL50-12BM		M12		21		54				
CL70-6BM	70	M6	11.3	17	24	45	11.5	25		
CL70-8BM		M8		24		51				
CL70-10BM		M10								
CL70-12BM		M12								

All dimensions in mm. Subject to technical changes.



HTA PART NUMBER	Conductor Size (mm ²)	Stud	ID Size	Palm Width	Barrel Length	Full Length	A/F Hex	Pack Qty
CL95-8BM	95	M8	13.5	19	27	51	14.2	25
CL95-10BM		M10				55		
CL95-12BM		M12						
CL120-10BM	120	M10	15.6	19	30	61	16.5	25
CL120-12BM		M12						
CL120-16BM		M16						
CL150-10BM	150	M10	16.7	19	30	66	18.3	20
CL150-12BM		M12				75		
CL185-10BM	185	M10	18.4	24.5	32	74	20	20
CL185-12BM		M12				79		
CL240-10BM	240	M10	21.2	31	38	82	23.1	10
CL240-12BM		M12						
CL240-16BM	300	M16	23.8	31	42	81	26	5

All dimensions in mm. Subject to technical changes.

BELL MOUTH CIRCUIT BREAKER LUGS NARROW PALM



HTA PART NUMBER	Conductor Size (mm ²)	Stud	ID Size	Palm Width	Barrel Length	Full Length	A/F Hex	Pack Qty
CLB35-6	35	M6	8.4	15	21	41	9.2	50
CLB50-6	50	M6	9.5	15	22	43	10.4	50
CLB50-10		M10		19		44		
CLB70-6	70	M6	11.3	17	24	55	11.5	25
CLB70-10		M10		19		51		
CLB95-8	95	M8	13.5	19	27	51	14.2	25
CLB95-10		M10						
CLB120-8	120	M8	15.6	19	30	61	16.5	25
CLB120-10		M10						
CLB150-10	150	M10	16.7	19	30	66	18.3	20
CLB185-10	185	M10	18.4	24.5	32	74	20	20
CLB240-10	240	M10	21.2	28.5	38	82	23.1	10
CLB240-12		M12						
CLB300-10	300	M10	23.8	31	42	81	26	5

All dimensions in mm. Subject to technical changes.

COPPER CRIMP LINKS



HTA PART NUMBER	Conductor Size (mm ²)	Stranding metric	ID Size	Full Length	A/F Hex	Pack Qty
CS1.5	1.5	1/0.50	1.8	22	-	100
CS2.5	2.5	7/0.67	2.4	22	-	100
CS4	4	7/0.85	3.1	22	-	100
CS6	6	7/1.04	3.8	22	4.4	100
CS10	10	7/1.35	4.7	22	5.7	100

All dimensions in mm. Subject to technical changes.



HTA PART NUMBER	Conductor Size (mm ²)	Stranding metric	ID Size	Full Length	A/F Hex	Pack Qty
CS16	16	7/1.70	5.5	44	6.3	50
CS25	25	19/1.35	7.1	47	7.7	50
CS35	35	19/1.53	8.4	47	9.2	50
CS50	50	19/1.78	9.5	47	10.4	50
CS70	70	19/2.14	11.3	50	11.5	25
CS95	95	37/1.78	13.4	54	14.2	25
CS120	120	37/2.03	15.6	65	16.5	25
CS150	150	37/2.25	16.7	65	18.3	20
CS185	185	37/2.52	18.4	65	20	20
CS240	240	61/2.25	21.2	90	23.1	10
CS300	300	61/2.52	23.8	90	26	5
CS400	400	61/2.82	26.8	90	28.1	1
CS500	500	61/3.20	30	112	30.1	1
CS630	630	127/2.52	34	112	34	1

All dimensions in mm. Subject to technical changes.

BI-METAL



HTA PART NUMBER	Conductor Size (mm ²)	Stud	ID Size	Palm Width	Barrel Length	Full Length	A/F Hex	Pack Qty					
BML16-10	16	10	5.5	20	32	75	9	1					
BML25-10	25		7.5					1					
BML25-12		12	1										
BML35-10	35	10	8.5					1					
BML35-12	50	12	9.5	24		60	13.2	1					
BML50-10		10						1					
BML50-12	12	1											
BML70-10	70	10	11.5					30	115	17.3	1		
BML70-12		12		1									
BML95-10	95	10	13.5	35	120		22				1		
BML95-12		12									1		
BML120-10	120	10	15.5					36		135	28.4	1	
BML120-12		12				1							
BML150-10	150	10	16.5	50		165	39					1	
BML150-12		12										1	
BML185-10	185	10	18.5					70	165		39	1	
BML185-12		12										1	
BML240-10	240	10	22	70	165		39					1	
BML240-12		12										1	
BML300-10	300	10	23.5					70		165	39	1	
BML300-12		12										1	
BML300	400	0	26.5	50		70	165					39	1
BML400													1

All dimensions in mm. Subject to technical changes.



RELICON - Innovative Cast Resin and Gel Technology

For Reliable Cable Connections

We believe in our products. The promise they deliver is anchored in our brand name: RELICON stands for "reliable connection". You can trust RELICON to make reliable connections between today's needs and tomorrow's possibilities. A reliable connection between companies' goals and the interest of the environment. A reliable connection between efficient manufacture and optimal use.



Comprehensive brochure
available on request.



RELICON SF technology: safe and easy filling

The special "Safe Filling" (SF) system makes RELICON cast resin joint products a pleasure to work with. When followed correctly, SF ensures that any hazardous contact with the cast resin can be avoided and the fitter has visual control of the mixing and filling steps at all times.

Resin and hardener are mixed in a transparent double-chamber pouch. The mixture can be easily poured into the joint sleeve once the supplied nozzle is securely pressed onto the adapter ring in the pouch. The transparent cable joint parts guarantee that the fitter can visually control the entire filling process. The hydrophobic (dewatering) cast resin is environmentally safe. The mixture can be disposed of as regular household waste.

Excellent hydrolytic stability makes RELICON cast resins particularly suitable for reliable long-term applications.



Transparent 2-chamber pouch for a optimized visual inspection of the mixing process.



The middle cold seal between the resin and harder component opens by means of pressure.



Simple mixing of the two components.



The patented color change gives the correct mixing process.



Automatic and leakproof opening of the pouch through installation of the filling nozzle.



The filling nozzle in combination with the adapter makes filling the joint very easy and efficient.



*Application video:
RELICON cable jointing*



Straight-through joint without connectors

RELICON i-Line SF

RELICON straight-through joints are made for installations in low-voltage electrical networks. They are suitable for jointing on polymeric cables and wires made of PVC, XLPE, PE, EPR and utility cables.

Application: Underground, submerged, outdoor, indoor and wiring ducts.

Features and Benefits

- Two-part, impact-proof, transparent moulding shells
- Compact, optimized dimensions
- Standard cable diameters indicated on the shells
- Safe-Filling system (SF)
- Immediately ready for use
- Longitudinally and transversely watertight
- Joint can be cast under influence of water

Content of Set / Kit

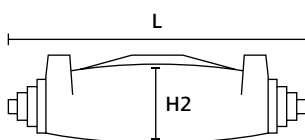
- Cast resin PUR 33
- Two-chamber pouch, transparent
- Moulding shells, transparent
- SF-system and nozzle
- Protective gloves, emery cloth, installation instructions
- HelaTape PVC insulating tape
- Spacer for max. 5 core cable (i-1 to i-4)



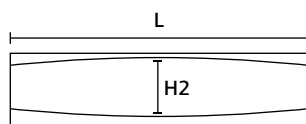
Straight-through joint i-Line SF (safe filling).

MATERIAL	Polyurethane resin 33 (PUR33)
Colour	Green (GN)
Operating Temperature	-25 °C to +120 °C
Storage Temperature	+4 °C to +40 °C
Shelf Life	48 months

RoHS



i-Line (i-0 - i-6)



i-Line (i-7)



Without connector!



Application video:
RELICON cable jointing

TYPE	Ø Main Cable	Main Cable mm ²		Length (L)	Height (H2)	Resin Quantity	Article-No.
		min	max				
i-0 / SF EMEA	7-16	3 x 1.5	5 x 2.5	182.0	25.0	95 ml / 130 g	435-12019
i-1 / SF EMEA	8-24	3 x 1.5	4 x 10 / 5 x 6	190.0	36.0	165 ml / 226 g	435-12000
i-1.5 / SF EMEA	8-24	3 x 1.5	4 x 16 / 5 x 10	215.0	39.0	220 ml / 301 g	435-12001
i-2 / SF EMEA	14-30	5 x 1.5	4 x 25 / 5 x 16	276.0	49.0	400 ml / 548 g	435-12002
i-3 / SF EMEA	23-35	5 x 10	4 x 50 / 5 x 35	360.0	54.0	655 ml / 897 g	435-12003
i-4 / SF EMEA	28-47	4 x 25	4 x 95	400.0	69.0	1140 ml / 1562 g	435-12004
i-5 / SF EMEA	33-55	4 x 50	4 x 150	520.0	100.0	2 x 1450 ml / 1987 g	435-12005
i-6 / SF EMEA	48-70	4 x 150	4 x 240	700.0	128.0	4 x 1640 ml / 2247 g	435-12006
i-7 / SF EMEA	55-77	4 x 185	4 x 400	870.0	140.0	5 x 1950 ml / 2672 g	435-12007

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Straight-through joint with connectors

RELICON i-Line Premium SF

RELICON Premium straight-through joints are provided with an integrated connector block and made for low-voltage electrical networks. They are suitable for jointing on polymeric cables and wires made of PVC, XLPE, PE, EPR and utility cables.

Application: Underground, submerged, outdoor, indoor and wiring ducts.

Features and Benefits

- Two-part, impact-proof, transparent moulding shells
- Compact, optimized dimensions
- Standard cable diameters indicated on the shells
- Safe-Filling system (SF)
- Immediately ready for use
- Longitudinally and transversely watertight
- Joint can be cast under influence of water
- Connectors for aluminium and copper conductors
- Safe connection for up to 5 core cables

Content of Set / Kit

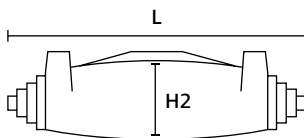
- Cast resin PUR 33
- Two-chamber pouch, transparent
- Moulding shells, transparent
- SF-system and nozzle
- Protective gloves, emery cloth, installation instructions
- HelaTape PVC insulating tape
- Connector block with 5 screw connectors incl. allen key



Straight-through joint i-Line SF (safe filling).

MATERIAL	Polyurethane resin 33 (PUR33)
Colour	Green (GN)
Operating Temperature	-25 °C to +120 °C
Storage Temperature	+4 °C to +40 °C
Shelf Life	48 months

RoHS ✓



i-Line Premium

i With connector!

TYPE	Ø Main Cable	Main Cable mm ²		Length (L)	Height (H2)	Resin Quantity	Article-No.
		min	max				
i-1 Premium SF EMEA	8-24	3 x 1.5	5 x 6	190.0	36.0	165 ml / 226 g	435-12020
i-2 Premium SF EMEA	14-30	5 x 1.5	5 x 16	276.0	49.0	400 ml / 548 g	435-12021
i-3 Premium SF EMEA	23-35	5 x 6	5 x 35	360.0	54.0	655 ml / 897 g	435-12022

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Flexible straight-through joint

RELICON F-Line SF

The flexible RELICON F-Line straight-through joint for low voltage applications can be used to repair and connect flexible cables made of PVC, PUR, EPR like H05RR-F, H07RN-F, etc.

Application: Cable drum, underground, submerged, outdoor, indoor and wiring ducts.

Features and Benefits

- Reelable and permanently flexible also at sub-zero temperatures
- Very good adhesion even under permanent bending stress
- Quick and easy installation
- Immediately ready for use
- Longitudinally and transversely watertight
- High abrasion resistance
- Resistant to alkaline earths, chemical influences and UV-radiation

Content of Set / Kit

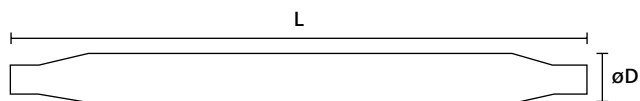
- PUR 44 Flex cast resin
- Two-chamber pouch, transparent
- Moulding shells with accessories
- SF-nozzle
- Protective gloves, emery cloth, installation instructions
- HelaTape self-amalgamating tape
- Cleaning cloth, plastic fabric strips



Flexible straight-through joint F-Line.

MATERIAL	Polyurethane resin 44 Flex (PUR44 Flex)
Colour	Black (BK)
Operating Temperature	-25 °C to +120 °C
Storage Temperature	+4 °C to +40 °C
Shelf Life	24 months

RoHS



F-Line

Without connector!

TYPE	Ø Main Cable	Main Cable mm ²		Length (L)	Ø D	Resin Quantity	Article-No.
		min	max				
F-11 / SF	11-16	4 x 1.5	5 x 4	375.0	31.0	250 ml / 300 g	435-00200
F-12 / SF	17-20	4 x 4	5 x 6	375.0	34.0	350 ml / 420 g	435-00201
F-13 / SF	21-27	4 x 10	5 x 16	450.0	42.0	400 ml / 480 g	435-00202
F-14 / SF	25-32	4 x 16	5 x 25	450.0	42.0	600 ml / 720 g	435-00203
F-15 / SF	30-38	4 x 25	5 x 35	440.0	46.0	655 ml / 786 g	435-00204

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Branch joints

RELICON Y-Line SF

RELICON branch joints are made for installations in low-voltage electrical networks. They are suitable for jointing on polymeric cables and wires made of PVC, XLPE, PE, EPR and utility cables.

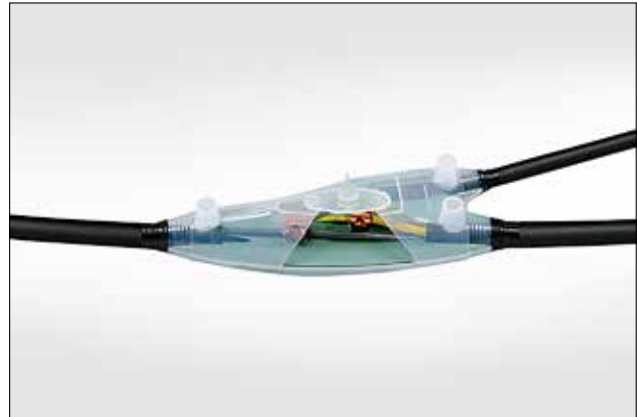
Application: Underground, submerged, outdoor, indoor and wiring ducts.

Features and Benefits

- Two-part, impact-proof, transparent moulding shells
- Compact, optimized dimensions
- Standard cable diameters indicated on the shells
- SF-system
- Immediately ready for use
- Longitudinally and transversely watertight
- Joint can be cast under influence of water

Content of Set / Kit

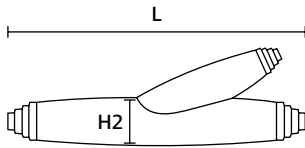
- Cast resin PUR 33
- Two-chamber pouch, transparent
- Moulding shells, transparent
- SF-system and nozzle
- Protective gloves, emery cloth, installation instructions
- HelaTape PVC insulating tape



Branch joint Y-Line SF (safe filling).

MATERIAL	Polyurethane resin 33 (PUR33)
Colour	Green (GN)
Operating Temperature	-25 °C to +120 °C
Storage Temperature	+4 °C to +40 °C
Shelf Life	48 months

RoHS ✓



Y-Line

i Without branch connector!

TYPE	Ø Main Cable	Main Cable mm ²		Ø Branch Cable	Angle	Branch Cable mm ²		Length (L)	Height (H2)	Resin Quantity	Article-No.
		min	max			min	max				
Y-1 / SF EMEA	8-22	3 x 1.5	5 x 10	10-22	30 °	3 x 1.5	5 x 6	205.0	70.0	490 ml / 671 g	435-12009
Y-0 / SF EMEA	10-24	3 x 1.5	4 x 10	10-24	30 °	3 x 1.5	4 x 4	190.0	60.0	240 ml / 329 g	435-12008
Y-3 / SF EMEA	10-40	4 x 16	5 x 16	13-28	20 °	4 x 10	5 x 10	330.0	90.0	955 ml / 1308 g	435-12023
Y-2 / SF EMEA	25-33	4 x 16	5 x 25	15-30	20 °	4 x 6	5 x 16	350.0	98.0	1445 ml / 1980 g	435-12010
Y-6 / SF EMEA	30-55	4 x 95	4 x 185	17-40	20 °	4 x 10	4 x 70	430.0	130.0	2 x 1450 ml / 1987 g	435-12012
Y-5 / SF EMEA	35-51	4 x 25	4 x 150	17-33	15 °	4 x 10	4 x 50	298.0	120.0	2045 ml / 2802 g	435-12011

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Parallel branch joint house connections

RELICON PAH-3

The parallel branch joint PAH is a universal straight-through and branch joint. Depending on the connector, it can be used for single and double branches. They are suitable for jointing on polymeric cables and wires made of PVC, XLPE, PE, EPR and utility cables.

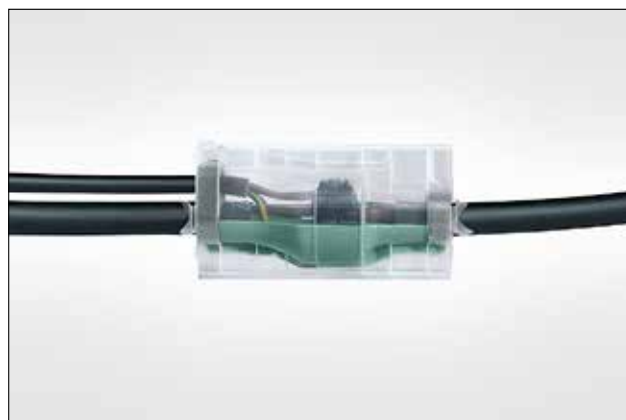
Application: In low-voltage electrical networks as branch joint for building connections. Underground, submerged, outdoor, indoor.

Features and Benefits

- Impact-proof, transparent moulding shell
- Compact, optimized dimensions
- Longitudinally and transversely watertight
- SF-system
- Joint can be cast under influence of water
- Immediately ready for use
- Suitable for all compact tap connectors

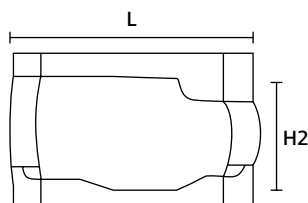
Content of Set / Kit

- Cast resin PUR 33, 2800 ml/3836 g
- In a two-chamber pouch or in cans
- Transparent moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, cable kit, installation instructions
- SF-nozzle (two-chamber pouch)
- Mixing stick (can)



Parallel branch joint PAH-3 135/360, house connector set.

MATERIAL	Polyurethane resin 33 (PUR33)
Colour	Green (GN)
Operating Temperature	-25 °C to +120 °C
Storage Temperature	+4 °C to +40 °C
Shelf Life	48 months



PAH-3

TYPE	Ø Main Cable	Main Cable mm ² min - max		Ø Branch Cable	Branch Cable mm ² min - max		Length (L)	Height (H2)	Connector	Pack	Article-No.
PAH-3-135/360-C-S	27-49	4 x 35	4 x 70	15-33	4 x 6	4 x 95	360.0	135.0	Isicompact-S	Can	435-00169
PAH-3-135/360-B-SF-S	27-49	4 x 35	4 x 95	15-33	4 x 6	4 x 70	360.0	135.0	Isicompact-S	Bag	435-00175
PAH-3-135/360-B-SF	27-49	4 x 35	4 x 185	15-33	4 x 6	4 x 70	360.0	135.0	none	Bag	435-00155
PAH-3-135/360-C	27-49	4 x 35	4 x 185	15-33	4 x 6	4 x 70	360.0	135.0	none	Can	435-00161
PAH-3-135/360-C-M	27-49	4 x 35	4 x 185	15-33	4 x 6	4 x 70	360.0	135.0	Isicompact-M	Can	435-00166
PAH-3-135/360-B-SF-M	27-49	4 x 35	4 x 185	15-33	4 x 6	4 x 70	360.0	135.0	Isicompact-M	Bag	435-00172

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



RELICON: expertise based on experience

Innovative cast resin and gel systems for reliable connections.

HellermannTyton is one of the leading suppliers of products for fastening, fixing, identifying and protecting cables and their connecting components.

We also develop pioneering systems in the field of data and network technology.

Our corporate philosophy focuses on customers and their need for the best possible solutions around cable management. RELICON branded cast resin and gel systems are highly innovative premium products designed to fulfil the highest expectations. RELICON products extend HellermannTyton's insulation and protection portfolio with leading cable connection technology. RELICON products deliver outstanding performance with quality you can rely on.

Part of what makes HellermannTyton a market leader is our pioneering spirit coupled with the technical expertise to continuously anticipate future demands and to answer these challenges with optimal product solutions.

RELICON expertise for cast resins and gels:

Choose the right product for your application.

RELICON PUR 33	43 min. 5 °C, 15 min. 23 °C, 8 min. 40 °C	–	65±5	-25 °C to +120 °C	38 kV/mm	48 months	+71 °C	–	
RELICON PUR 66	43 min. 5 °C, 15 min. 23 °C, 8 min. 40 °C	–	68±5	-25 °C to +120 °C	38 kV/mm	48 months	+71 °C	–	
RELICON PUR 661 LP	130 min. 5 °C, 40 min. 23 °C, 20 min. 40 °C	–	56±5	-25 °C to +120 °C	>20 kV/mm	48 months	+58 °C	–	
RELICON PUR 44 Flex	35 min. 5 °C, 15 min. 23 °C, 6 min. 40 °C	60±5	–	-25 °C to +120 °C	20 kV/mm	24 months	+80 °C	–	
RELICON PUR 112 FR	50 min. 5 °C, 15 min. 23 °C, 5 min. 40 °C	–	80±5	-25 °C to +130 °C	>20 kV/mm	36 months	+71 °C	–	
Two-component cold casting compound									
RELICON Reliflex	40 min. 5 °C, 20 min. 23 °C, 10 min. 40 °C	20±5	–	-40 °C to +90 °C	>10 kV/mm	36 months	–	Yes	
Two-component epoxy resin									
RELICON EP 64	32 min. 5 °C, 13 min. 23 °C, 8 min. 35 °C	–	80±5	-20 °C to +140 °C	>20 kV/mm	48 months	+140 °C	–	
RELICON EP 20	8 min. 40 °C, 18 min. 23 °C, 35 min. 5 °C	–	70±5	-20 °C to +140 °C	>20 kV/mm	48 months	+100 °C	–	
Two-component gel									
RELICON KH 100	40 min. 23 °C	–	–	-40 °C to +90 °C	>20 kV/mm	18 months	–	Yes	
RELICON KH 67	40 min. 23 °C	–	–	-40 °C to +90 °C	>15 kV/mm	36 months	–	Yes	
Two-component silicone gel									
RELICON Religel	10 min. 23 °C	–	–	-40 °C to +140 °C	>20 kV/mm	Unlimited	–	Yes	



	–	–	Green (GN)	4500 mPa*s, 5 °C (EN ISO 2555), 3000 mPa*s, 23 °C (EN ISO 2555)
	–	–	Black (BK)	4500 mPa*s, 5 °C (EN ISO 2555), 3000 mPa*s, 23 °C (EN ISO 2555)
	–	–	Black (BK)	4000 mPa*s, 5 °C (EN ISO 2555), 2000 mPa*s, 23 °C (EN ISO 2555)
	Yes	Yes	Black (BK)	2500 mPa*s, 23 °C (EN ISO 2555)
	–	–	Beige (BGE)	1500 mPa*s, 23 °C (EN ISO 2555), 3000 mPa*s, 5 °C (EN ISO 2555)
	–	Yes	Yellow (YE)	5000 mPa*s, 5 °C (EN ISO 2555), 3300 mPa*s, 23 °C (EN ISO 2555)
	–	–	Black (BK)	3700 mPa*s, 23 °C (EN ISO 2555)
	–	–	Yellow (YE)	2000 mPa*s, 23 °C (EN ISO 2555)
	Yes	Yes	Transparent (CL)	2000 mPa*s, 5 °C (EN ISO 2555), 1500 mPa*s, 23 °C (EN ISO 2555)
	Yes	Yes	Transparent (CL), Yellow (YE)	3000 mPa*s, 5 °C (EN ISO 2555), 2000 mPa*s, 23 °C (EN ISO 2555)
	Yes	Yes	Transparent (CL), Green (GN)	1000 mPa*s, 23 °C (EN ISO 2555), 1500 mPa*s, 5 °C (EN ISO 2555)



Two-component polyurethane cast resin

RELICON PUR 33

The RELICON PUR 33 cast resin has been created for the electrical insulation and mechanical protection of cable connections in low-voltage electrical networks. Also suitable as mechanical and moisture protection on medium-voltage cable connections.

Application: For indoor and outdoor use.

Features and Benefits

- In a practical, transparent two-chamber pouch
- Colour changes from blue to green whilst mixing
- Safe-Filling system (SF)
- Excellent flow properties, low volume shrinkage
- Cold curing and very hydrophobic, to cast under the influence of water
- High hydrolytic stability and good curing at low temperatures
- UV, ageing and weather resistant
- Outstanding impact strength and resistance to moisture and atmospheric corrosion
- Excellent adhesion to polymeric cables and wires made of PVC, XLPE, PE, EPR
- SVHC-free, contains no hazardous substances, the cured product can be disposed of with house hold waste
- Halogen free



Two-component polyurethane cast resin PUR 33.

MATERIAL	Polyurethane resin 33 (PUR33)
Colour	Green (GN)
Operating Temperature	-25 °C to +120 °C
Mixing Ratio (weight)	100:26
Exothermicity max.	+71 °C
Gel Time	48 min. 5 °C, 20 min. 23 °C, 9 min. 40 °C
Pot Life	43 min. 5 °C, 15 min. 23 °C, 8 min. 40 °C
Dielectric Strength	38 kV/mm
Viscosity	4500 mPa*s, 5 °C (EN ISO 2555), 3000 mPa*s, 23 °C (EN ISO 2555)
Impact Strength	26 kJ/m ²
Shore Hardness D	65±5
Storage Temperature	+4 °C to +40 °C
Shelf Life	48 months

HF ✓

RoHS ✓

TYPE	Resin Quantity	Article-No.
Resin-33-B-SF	95 ml / 130 g	435-00250
	240 ml / 329 g	435-00251
	490 ml / 671 g	435-00252
	655 ml / 897 g	435-00253
	955 ml / 1308 g	435-00254
	1140 ml / 1562 g	435-00255
	1445 ml / 1980 g	435-00256
	1640 ml / 2247 g	435-00257
	1950 ml / 2672 g	435-00258
	2045 ml / 2802 g	435-00259

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Two-component polyurethane cast resin

RELICON PUR 66

The RELICON PUR 66 cast resin has been created for the electrical insulation and mechanical protection of cable connections in medium-voltage electrical networks.

Application: For indoor and outdoor use.

Features and Benefits

- In a practical, transparent two-chamber pouch
- Safe-Filling system (SF)
- Excellent flow properties, low volume shrinkage
- Cold curing and very hydrophobic, to cast under the influence of water
- High hydrolytic stability and good curing at low temperatures
- UV, ageing and weather resistant
- Outstanding impact strength and resistance to moisture and atmospheric corrosion
- Excellent adhesion to polymeric cables and wires made of PVC, XLPE, PE, EPR
- SVHC-free, contains no hazardous substances, the cured product can be disposed of with house hold waste
- Halogen free



Two-component polyurethane cast resin PUR 66.

MATERIAL	Polyurethane resin 66 (PUR66)
Colour	Black (BK)
Operating Temperature	-25 °C to +120 °C
Mixing Ratio (weight)	100:26
Exothermicity max.	+71 °C
Gel Time	48 min. 5 °C, 9 min. 40 °C
Pot Life	43 min. 5 °C, 15 min. 23 °C, 8 min. 40 °C
Dielectric Strength	38 kV/mm
Viscosity	4500 mPa*s, 5 °C (EN ISO 2555), 3000 mPa*s, 23 °C (EN ISO 2555)
Impact Strength	26 kJ/m ²
Shore Hardness D	68±5
Storage Temperature	+4 °C to +40 °C
Shelf Life	48 months



TYPE	Resin Quantity	Article-No.
Resin-66-B-SF	95 ml / 130 g	435-00300
	165 ml / 226 g	435-00301
	220 ml / 301 g	435-00302
	240 ml / 329 g	435-00303
	400 ml / 548 g	435-00304
	455 ml / 623 g	435-00305
	490 ml / 671 g	435-00306
	655 ml / 897 g	435-00307
	955 ml / 1308 g	435-00308
	1140 ml / 1562 g	435-00309
	1445 ml / 1980 g	435-00310
	1640 ml / 2247 g	435-00311
	1950 ml / 2672 g	435-00312
2045 ml / 2802 g	435-00313	

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Two-component polyurethane cast resin

RELICON PUR 44 Flex

The RELICON PUR 44 Flex cast resin has been created for the electrical insulation, mechanical protection and repair of flexible cable connections for the low-voltage electrical network.

Application: For indoor and outdoor use.

Features and Benefits

- In a practical, transparent two-chamber pouch
- Safe-Filling system (SF)
- Excellent flow properties, cold curing
- Resistance to moisture and atmospheric corrosion
- Vibration absorbing, abrasion and chemical resistant
- UV, ageing and weather resistant
- Reelable and permanently flexible, even at sub-zero temperatures
- Excellent adhesion to polymeric cables and wires made of PVC, XLPE, PE, EPR
- SVHC-free, contains no hazardous substances, the cured product can be disposed of with house hold waste
- Halogen free



Two-component polyurethane cast resin PUR 44 Flex.

MATERIAL	Polyurethane resin 44 Flex (PUR44 Flex)
Colour	Black (BK)
Operating Temperature	-25 °C to +120 °C
Mixing Ratio (weight)	100:22
Exothermicity max.	+80 °C
Gel Time	35 min. 5 °C, 15 min. 23 °C, 6 min. 40 °C
Pot Life	35 min. 5 °C, 15 min. 23 °C, 6 min. 40 °C
Dielectric Strength	20 kV/mm
Viscosity	2500 mPa*s, 23 °C (EN ISO 2555)
Shore Hardness A	60±5
Storage Temperature	+4 °C to +40 °C
Shelf Life	24 months



TYPE	Resin Quantity	Article-No.
Resin-44Flex-B-SF	95 ml / 114 g	435-00350
	165 ml / 198 g	435-00351
	220 ml / 264 g	435-00352
	240 ml / 288 g	435-00353
	400 ml / 480 g	435-00354
	455 ml / 546 g	435-00355
	490 ml / 588 g	435-00356
	655 ml / 786 g	435-00357
	955 ml / 1146 g	435-00358
	1140 ml / 1368 g	435-00359
	1445 ml / 1734 g	435-00360
	1640 ml / 1968 g	435-00361
	1950 ml / 2340 g	435-00362
2045 ml / 2454 g	435-00363	

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Two-component polyurethane cast resin

RELICON PUR 112 FR

The RELICON PUR 112 FR cast resin is flame retardant according to UL94 V0 and is used in areas with increased fire protection requirements. It has been created for electrical insulation and mechanical protection of cable connections in the low- and medium-voltage range.

Application: For indoor and outdoor use.

Features and Benefits

- In a practical, transparent two-chamber pouch
- Safe-Filling system (SF)
- Excellent flow properties, low volume shrinkage
- Flame retardant according to UL94 V0
- Cold curing and very hydrophobic, to cast under the influence of water
- High hydrolytic stability and good curing at low temperatures
- UV, ageing and weather resistant
- Outstanding impact strength and resistance to moisture and atmospheric corrosion
- Excellent adhesion to polymeric cables and wires made of PVC, XLPE, PE, EPR
- SVHC-free, contains no hazardous substances, the cured product can be disposed of with house hold waste
- Halogen free



Two-component polyurethane cast resin PUR 112 FR.

MATERIAL	Polyurethane resin 112 FR (PUR112 FR)
Colour	Beige (BGE)
Operating Temperature	-25 °C to +130 °C
Mixing Ratio (weight)	100:22
Gel Time	70 min. 5 °C, 20 min. 23 °C, 8 min. 40 °C
Pot Life	50 min. 5 °C, 15 min. 23 °C, 5 min. 40 °C
Dielectric Strength	>20 kV/mm
Impact Strength	> 8 kJ/m ²
Shore Hardness D	80±5
Storage Temperature	+4 °C to +40 °C
Shelf Life	36 months



TYPE	Resin Quantity	Article-No.
Resin-112FR-B-SF	95 ml / 144 g	435-01100
	165 ml / 251 g	435-01101
	220 ml / 334 g	435-01102
	240 ml / 365 g	435-01103
	400 ml / 608 g	435-01104
	455 ml / 692 g	435-01105
	490 ml / 745 g	435-01106
	655 ml / 996 g	435-01107
	955 ml / 1452 g	435-01108
	1140 ml / 1733 g	435-01109
	1445 ml / 2196 g	435-01110
	1640 ml / 2493 g	435-01111
	1950 ml / 2964 g	435-01112
	2045 ml / 3108 g	435-01113

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Two-component epoxy resin

RELICON EP 64

The RELICON EP 64 epoxy resin has been created for use in low- and medium-voltage electrical networks, especially in the chemical and oil refining industry.

Application: For indoor and outdoor use.

Features and Benefits

- In a practical, transparent two-chamber pouch
- Safe-Filling system (SF)
- Very hydrophobic, to cast under the influence of water
- High hydrolytic stability and good curing at low temperatures
- UV, ageing and weather resistant
- Excellent adhesion to polymeric cables and wires made of PVC, XLPE, PE, EPR
- Very high mechanical, thermal and chemical resistance
- Outstanding impact strength and resistance to moisture and atmospheric corrosion
- Halogen free



Two-component epoxy resin EP64.

MATERIAL	Epoxy resin EP64 (EP64)
Colour	Black (BK)
Operating Temperature	-20 °C to +140 °C
Mixing Ratio (weight)	100:36
Exothermicity max.	+140 °C
Pot Life	32 min. 5 °C, 13 min. 23 °C, 8 min. 35 °C
Dielectric Strength	>20 kV/mm
Viscosity	3700 mPa*s, 23 °C (EN ISO 2555)
Shore Hardness D	80±5
Storage Temperature	+4 °C to +40 °C
Shelf Life	48 months



TYPE	Resin Quantity	Article-No.
Resin-64-B-SF	95 ml / 107 g	435-00400
	165 ml / 186 g	435-00401
	220 ml / 249 g	435-00402
	240 ml / 271 g	435-00403
	400 ml / 452 g	435-00404
	455 ml / 514 g	435-00405
	490 ml / 554 g	435-00406
	655 ml / 740 g	435-00407
	955 ml / 1079 g	435-00408
	1140 ml / 1288 g	435-00409
	1445 ml / 1633 g	435-00410
	1640 ml / 1853 g	435-00411
	1950 ml / 2204 g	435-00412
2045 ml / 2311 g	435-00413	

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Gel cable joint with connector

RELICON Reliseal

Reliseal gel cable joints are suitable for cable connections under extreme conditions, outdoors and underground. They are universal straight-through joints with a protection class IP68 and consist of a solid polypropylene shell (PP) filled with RELICON gel. They can be used for jointing on polymeric cables and wires made of PVC, XLPE, PE, EPR, etc. Reliseal fulfils the highest requirements for electrical installations and offers mechanical protection, insulation and sealing in one work step. The installer saves time and requires no special installation tools.

Application: In low-voltage electrical networks as straight-through joint. Underground, submerged, outdoor, indoor and in wiring ducts.

Features and Benefits

- Moulding shell: one piece, re-openable, impact-proof, flame retardant (UL94 V0)
- Perfect strain relief provided by patented cable gland system
- Protection class IP68, 10 m
- Filled with RELICON non-toxic gel, high dielectric strength
- No mixing, easy to install
- UV, ageing and weather resistant
- Unlimited shelf life
- With connector, ready to assembly
- Certified according to :
- DIN EN 60529 protection classes through outer sleeve shell
- DIN EN 50393 type approval tests for cable accessories
- DIN EN 60695-2-11 glow-wire test for flammability of end products

Content of Set / Kit

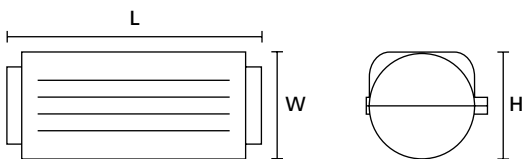
- Moulding shells filled with RELICON gel
- Cable gland system for strain relief and transverse waterproofing
- Adapter seal for different cable diameters
- Installation instructions
- Connector



With connector!



IP68, 10 meter



Reliseal V



Reliseal gel cable joint, available in three sizes.



Gel cable joint Reliseal V 56.



Gel cable joint Reliseal V 510.



Gel cable joint Reliseal V 525.

MATERIAL	Polypropylene (PP), Silicone Rubber (SIR)
Colour	Green (GN)
Operating Temperature	-20 °C to +90 °C
Shelf Life	Unlimited



TYPE	Main Cable mm ² min - max		Length (L)	Width (W)	Height (H)	Article-No.
Reliseal V56	3 x 2.5	5 x 6	190.0	60.0	47.0	435-01660
Reliseal V510	3 x 4	5 x 10	235.0	69.0	49.0	435-01661
Reliseal V525	3 x 10	5 x 25	310.0	88.0	60.0	435-01662

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Gel cable joint with connector

RELICON Relilight

Relilight gel cable joints are designed for light installations, especially LED lighting. They are tested according to DIN EN 60998-2-1: 2004 and offer IP68 protection class. The moulding shells are also flame retardant according to UL94 V0. Depending on the connector type, Relilight can be used either for straight-through or as branch joints. They are suitable for joining on polymeric cables and wires made of PVC, XLPE, PE, EPR etc. The silicone-based RELICON gel in the Relilight cable joints provides insulation, sealing and mechanical protection in one step. Furthermore, they reduce the workload and total cost of installation.

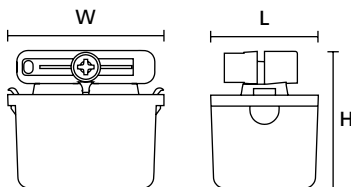
Application: In low-voltage electrical networks as straight-through or branch joints, e.g. for outdoor light installations, underground, submerged, outdoor, indoor and in wiring ducts.

Features and Benefits

- Moulding shell: two piece, black, re-openable, with strain relief, flame retardant (UL94 V0), protection class IP68, 1.3 m
- Filled with Relicon non-toxic gel, high dielectric strength >1kV,
- No mixing, ready to assembly
- UV, ageing and weather resistant
- Compact dimensions, with connector
- Unlimited shelf life
- Certified according to DIN EN 60998-2-1:2004

Content of Set / Kit

- Moulding shells filled with RELICON gel
- Adapter for strain relief (not for No. 435-01650)
- Installation instructions, connector block, screws
- Wire guide (only No. 435-01654)



Relilight gel cable joint.

MATERIAL	Polyamide 6.6 V0 (PA66V0), Silicone Rubber (SIR)
Colour	Black (BK)
Operating Temperature	-30 °C to +130 °C
Shelf Life	Unlimited
Flammability	UL94 V0

RoHS

i With connector block!

i IP68, 1.3 meter

TYPE	Ø Main Cable	Main Cable mm ² min - max		Branch Cable mm ² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
Relilight V2.75 I1	4.8-6	2 x 0.35	2 x 0.75	-	-	250V, 6A	44.0	18.0	17.5	435-01650
Relilight V32.5 I2	6.5-12	3 x 0.5	3 x 2.5	-	-	250V, 16A	100.0	24.0	29.0	435-01651
Relilight V32.5 P1	6.5-12	3 x 0.5	3 x 2.5	3 x 0.5	3 x 2.5	250V, 16A	105.0	44.0	24.0	435-01655
Relilight V41.5 P1	6.5-12	4 x 0.5	4 x 1.5	4 x 0.5	4 x 1.5	250V, 16A	105.0	44.0	24.0	435-01656
Relilight V61.5 I2	6.5-12	6 x 0.5	6 x 1.5	-	-	12V - 24V	100.0	24.0	29.0	435-01652
Relilight V34 P2	7.5-16	3 x 1.5	3 x 4	3 x 1.5	3 x 4	450V, 25A	138.0	78.0	35.0	435-01657
Relilight V36 P2	7.5-16	3 x 1.5	3 x 6	3 x 1.5	3 x 6	450V, 25A	138.0	78.0	35.0	435-01658
Relilight V31.5 U1	8.0-10	3 x 0.5	3 x 1.5	-	-	250V, 16A	38.0	42.5	29.5	435-01653
Relilight V41 U1	8.0-10	4 x 0.5 / 6 x 0.35	4 x 1 / 6 x 0.5	-	-	12V - 24V	38.0	42.5	29.5	435-01654

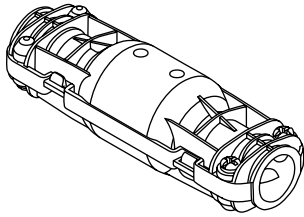
All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



RELICON Relilight V 32.5 I2

Content of Set / Kit

- Moulding shells filled with RELICON gel
- Adapter for strain relief
- Installation instructions
- Connector block 3 x 0.5 mm² to 3 x 2.5 mm²
- Screws



Relilight V 61.5 I2



Gel cable joint Relilight V 32.5 I2.

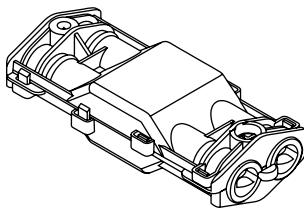
TYPE	Ø Main Cable	Main Cable mm ² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
		3 x 0.5	3 x 2.5					
Relilight V32.5 I2	6.5-12	3 x 0.5	3 x 2.5	250V, 16A	100.0	24.0	29.0	435-01651

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.

RELICON Relilight V 32.5 P1

Content of Set / Kit

- Moulding shells filled with RELICON gel
- Adapter for strain relief
- Installation instructions
- Connector block 3 x 0.5 mm² to 3 x 2.5 mm²
- Screws



Relilight V 32.5 P1



Gel cable joint Relilight V 32.5 P1.

TYPE	Ø Main Cable	Main Cable mm ² min - max		Branch Cable mm ² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
		3 x 0.5	3 x 2.5	3 x 0.5	3 x 2.5					
Relilight V32.5 P1	6.5-12	3 x 0.5	3 x 2.5	3 x 0.5	3 x 2.5	250V, 16A	105.0	44.0	24.0	435-01655

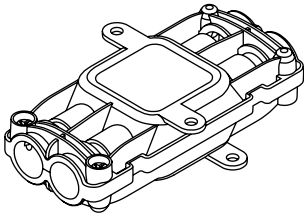
All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



RELICON Relilight V 34 P2

Content of Set / Kit

- Moulding shells filled with RELICON gel
- Adapter for strain relief
- Installation instructions
- Connector block 3 x 1.5 mm² to 3 x 4 mm²
- Screws



Relilight V 34 P2



Gel cable joint Relilight V 34 P2.

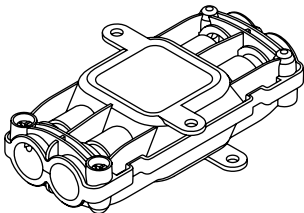
TYPE	Ø Main Cable	Main Cable mm ² min - max		Branch Cable mm ² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
		3 x 1.5	3 x 4	3 x 1.5	3 x 4					
Relilight V34 P2	7.5-16	3 x 1.5	3 x 4	3 x 1.5	3 x 4	450V, 25A	138.0	78.0	35.0	435-01657

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.

RELICON Relilight V 36 P2

Content of Set / Kit

- Moulding shells filled with RELICON gel
- Adapter for strain relief
- Installation instructions
- Connector block 3 x 1.5 mm² to 3 x 6 mm²
- Screws



Relilight V 36 P2



Gel cable joint Relilight V 36 P2.

TYPE	Ø Main Cable	Main Cable mm ² min - max		Branch Cable mm ² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
		3 x 1.5	3 x 6	3 x 1.5	3 x 6					
Relilight V36 P2	7.5-16	3 x 1.5	3 x 6	3 x 1.5	3 x 6	450V, 25A	138.0	78.0	35.0	435-01658

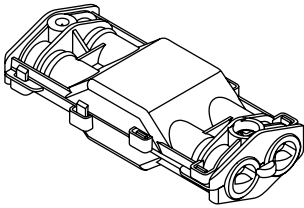
All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



RELICON Relilight V 41.5 P1

Content of Set / Kit

- Moulding shells filled with RELICON gel
- Adapter for strain relief
- Installation instructions
- Connector block 4 x 0.5 mm² to 4 x 1.5 mm²
- Screws



Relilight V 41.5 P1



Gel cable joint Relilight V 41,5 P1.

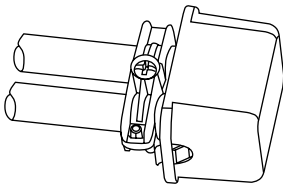
TYPE	Ø Main Cable	Main Cable mm ² min - max		Branch Cable mm ² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
Relilight V41.5 P1	6.5-12	4 x 0.5	4 x 1.5	4 x 0.5	4 x 1.5	250V, 16A	105.0	44.0	24.0	435-01656

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.

RELICON Relilight V 41 U1

Content of Set / Kit

- Moulding shells filled with RELICON gel
- Installation instructions
- Connector block 4 x 0.5 mm² to 4 x 1 mm²
- Wire guide 6 x 0.35 mm² to 6 x 0.5 mm² (solder)
- Screw



Relilight V 41 U1



Gel cable joint Relilight V 41 U1.

TYPE	Ø Main Cable	Main Cable mm ² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
Relilight V41 U1	8.0-10	4 x 0.5 / 6 x 0.35	4 x 1 / 6 x 0.5	12V - 24V	38.0	42.5	29.5	435-01654

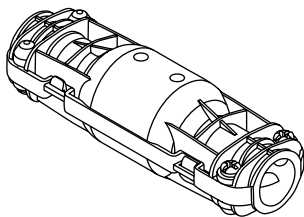
All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



RELICON Relilight V 61.5 I2

Content of Set / Kit

- Moulding shells filled with RELICON gel
- Adapter for strain relief
- Installation instructions
- Connector block 6 x 0.5 mm² to 6 x 1.5 mm²
- Screws



Relilight V 61.5 I2



Gel cable joint Relilight V 61.5 I2.

TYPE	Ø Main Cable	Main Cable mm ² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
		6 x 0.5	6 x 1.5					
Relilight V61.5 I2	6.5-12	6 x 0.5	6 x 1.5	12V - 24V	100.0	24.0	29.0	435-01652

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.

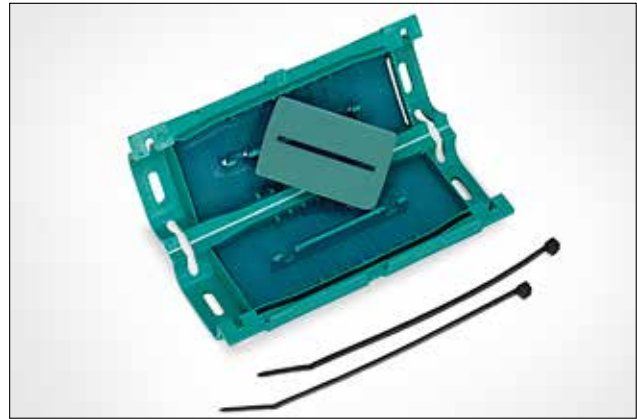


Gel cable joint without connector

RELICON Relifix

RELICON Relifix gel technology offers several advantages. It is quick and easy to install. The moulding shells are provided with a film hinge and are made from thick-walled, tough and impact resistant polypropylene (PP). The Relicon gel in the shells insulates and seals the complete connection as the joint is closed. Depending on the connector type, Relifix can be used as a universal straight-through or branch joint. It is suitable for jointing on polymeric cables and wires made of PVC, XLPE, PE, EPR etc.

Application: In low-voltage electrical networks as straight-through and/or branch joint, e.g. underground, submerged, outdoor, indoor and wiring ducts.



Gel cable joint Relifix 410, 416.

Features and Benefits

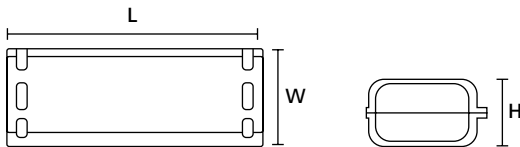
- Moulding shell: One piece, coloured, re-openable, impact-proof, flame retardant (UL94 V0)
- Filled with Relicon non-toxic gel, high dielectric strength
- No mixing, easy to install
- UV, ageing and weather resistant
- Unlimited shelf life
- Certified according to:
- DIN EN 50393 (corresponds to DIN VDE 0278-393)
- DIN EN 60695-2-11 (corresponds to VDE 0471-2-11)

MATERIAL	Polypropylene (PP), Silicone Rubber (SIR)
Colour	Green (GN)
Operating Temperature	-20 °C to +90 °C
Shelf Life	Unlimited



Content of Set / Kit

- Moulding shells filled with RELICON gel
- Installation instructions
- Separator plate
- Cable ties



Relifix 410, 416

i Without connector block!

TYPE	Ø Main Cable	Main Cable mm ² min - max		Branch Cable mm ² min - max		Length (L)	Width (W)	Height (H)	Article-No.
Relifix 410	9-20	3 x 1.5	4 x 10	3 x 1.5	4 x 2.5	146.0	55.0	35.0	435-00652
Relifix 416	9-22	3 x 1.5	4 x 16	3 x 1.5	4 x 4	180.0	69.0	40.0	435-00653

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Gel cable joint with connector

RELICON Relifix V

RELICON Relifix gel technology offers several advantages. It is quick and easy to install. The moulding shells are provided with a film hinge and are made from thick-walled, tough and impact resistant polypropylene (PP). The Relicon gel in the shells insulates and seals the complete connection as the joint is closed. Depending on the connector type, Relifix can be used as a universal straight-through or branch joint. It is suitable for jointing on polymeric cables and wires made of PVC, XLPE, PE, EPR etc.

Application: In low-voltage electrical networks as straight-through and/or branch joint, e.g. underground, submerged, outdoor, indoor and wiring ducts.



Relicon Relifix V gel cable joints.

Features and Benefits

- Moulding shell: One piece, coloured, re-openable, impact-proof, flame retardant (UL94 V0)
- Filled with Relicon non-toxic gel, high dielectric strength
- No mixing, easy to install
- UV, ageing and weather resistant
- Unlimited shelf life
- With connector, ready for assembly
- Certified according to:
 - DIN EN 50393 (corresponds to DIN VDE 0278-393)
 - DIN EN 60695-2-11 (corresponds to VDE 0471-2-11)

Content of Set / Kit

- Moulding shells filled with RELICON gel
- Installation instructions
- Connector
- Cable ties
- Allen key (not for type V31,5)



Gel cable joint Relifix V 31,5.



Gel cable joint Relifix V 150.



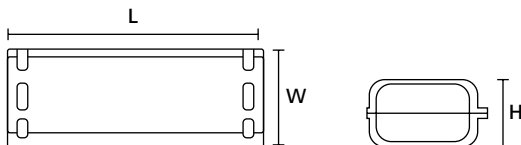
Gel cable joint Relifix V 56, V516.



Gel cable joint Relifix V 525.



With connector block!



Relifix V

MATERIAL	Polypropylene (PP), Silicone Rubber (SIR)
Colour	Green (GN)
Operating Temperature	-20 °C to +90 °C
Shelf Life	Unlimited

RoHS ✓

TYPE	Ø Main Cable	Main Cable mm ² min - max		Branch Cable mm ² min - max		Length (L)	Width (W)	Height (H)	Article-No.
Relifix V150	9-16	1 x 10	1 x 50	1 x 2.5	1 x 6	86.0	47.0	27.0	435-00651
Relifix V31.5	9-16	3 x 0.5	3 x 2.5	-	-	86.0	47.0	27.0	435-00650
Relifix V56	9-20	3 x 1.5	5 x 6	-	-	146.0	55.0	35.0	435-00654
Relifix V516	9-22	3 x 6	5 x 16	-	-	180.0	69.0	40.0	435-00655
Relifix V525	9-30	3 x 16	5 x 25	-	-	240.0	75.0	48.0	435-00656

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Gel cable joint with connector

RELICON Relifix VY

RELICON Relifix gel technology offers several advantages. It is quick and easy to install. The moulding shells are provided with a film hinge and are made from thick-walled, tough and impact resistant polypropylene (PP). The Relicon gel in the shells insulates and seals the complete connection as the joint is closed. Depending on the connector type, Relifix can be used as a universal straight-through or branch joint. It is suitable for jointing on polymeric cables and wires made of PVC, XLPE, PE, EPR etc.

Application: In low-voltage electrical networks as straight-through and/or branch joint, e.g. underground, submerged, outdoor, indoor and wiring ducts.

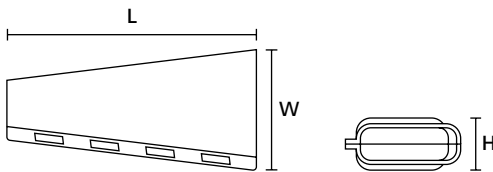
Features and Benefits

- Moulding shell: One piece, coloured, re-openable, impact-proof, flame retardant (UL94 V0)
- Filled with Relicon non-toxic gel, high dielectric strength
- No mixing, easy to install
- UV, ageing and weather resistant
- Unlimited shelf life
- With connector, ready for assembly
- Certified according to:
 - DIN EN 50393 (corresponds to DIN VDE 0278-393)
 - DIN EN 60695-2-11 (corresponds to VDE 0471-2-11)

Content of Set / Kit

- Moulding shells filled with RELICON gel
- Installation instructions
- Connector
- Cable ties
- Allen key

With connector block!



Relifix VY



Relicon Relifix VY gel cable joint.



Gel cable joint Relifix V 135Y.



Gel cable joint Relifix V 506Y.



Gel cable joint Relifix V 525Y.

MATERIAL	Polypropylene (PP), Silicone Rubber (SIR)
Colour	Green (GN)
Operating Temperature	-20 °C to +90 °C
Shelf Life	Unlimited

RoHS ✓

TYPE	Ø Main Cable	Main Cable mm ²		Branch Cable mm ²		Length (L)	Width (W)	Height (H)	Article-No.
		min	max	min	max				
Relifix V 135Y	9-16	1 x 10	1 x 35	1 x 2.5	1 x 25	145.0	70.0	32.0	435-00657
Relifix V 506Y	9-20	3 x 6	5 x 6	3 x 2.5	5 x 6	220.0	110.0	53.0	435-00658
Relifix V 525Y	9-30	3 x 16	5 x 25	3 x 2.5	5 x 25	260.0	130.0	65.0	435-00659

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Two-component gel

RELICON KH 67

RELICON KH 67 is a transparent, removable, saltwater resistant, flexible two-component gel based on hydrocarbon resins. It is especially suitable for use with junction boxes in low-voltage networks, located in a humid area or in the ground. After curing, RELICON KH 67 is characterised by its excellent resistance to moisture and very good insulating properties as well as good chemical resistance.

Application: Electrical insulation and moisture protection in the low-voltage networks. Particularly suitable for filling of cable junction boxes.

Features and Benefits

- A practical, transparent two-chamber pouch
- Safe-Filling system (SF)
- Excellent flow properties
- Soft elastic, vibration absorbing, removable
- Outstanding insulating properties
- Cures without developing heat
- Saltwater resistant
- Non-toxic, free of silicone and isocyanate
- SVHC-free, contains no hazardous substances, the cured product can be disposed of with house hold waste
- Halogen free



Two-component gel KH 67.

MATERIAL	Gel KH67 (KH67)
Colour	Transparent (CL), Yellow (YE)
Operating Temperature	-40 °C to +90 °C
Mixing Ratio (weight)	100:67
Pot Life	40 min. 23 °C
Density	0.95 g/cm ³ , 20 °C (DIN EN ISO 2811-2)
Dielectric Strength	>15 kV/mm
Viscosity	3000 mPa*s, 5 °C (EN ISO 2555), 2000 mPa*s, 23 °C (EN ISO 2555)
Storage Temperature	+4 °C to +40 °C
Shelf Life	36 months



**Silicon
free!**



TYPE	Pack Cont.	Article-No.
Gel-67-B-SF	180 ml	435-00800
	250 ml	435-00801
	600 ml	435-00802
	750 ml	435-00803
	1,200 ml	435-00804

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Two-component silicone gel

RELICON Religel

RELICON Religel is a transparent, elastic two-component silicone gel. It is delivered in practical transparent bottles or canisters. It is particularly suited to fill junction boxes in low-voltage applications. After curing, RELICON Religel gives excellent resistance to moisture, has high insulating properties and very good chemical resistance.

Application: Electrical insulation and moisture protection for low-voltage applications, particularly suitable for insulating cables and wires in junction boxes.

Features and Benefits

- Bottles or canisters incl. measuring cup and mixing stick
- Homogenous mixture indicated by green-coloured component B
- Can be used flexibly, in smaller quantities, mixing ratio 1:1
- Excellent flow properties
- Soft elastic, vibration absorbing, removable
- Outstanding insulating properties
- Non-toxic, free of isocyanate
- SVHC-free, contains no hazardous substances, the cured product can be disposed of with house hold waste
- Halogen free



Two-component silicone gel Religel.



Two-component silicone gel Religel.

MATERIAL	Silicone gel Religel (SIG)
Colour	Transparent (CL), Green (GN)
Operating Temperature	-40 °C to +140 °C
Mixing Ratio (weight)	100:100
Gel Time	20 min. 23 °C
Pot Life	10 min. 23 °C
Density	0.97 g/cm ³ , 20 °C (DIN EN ISO 2811-2)
Dielectric Strength	>20 kV/mm
Viscosity	1000 mPa*s, 23 °C (EN ISO 2555), 1500 mPa*s, 5 °C (EN ISO 2555)
Storage Temperature	+4 °C to +40 °C
Shelf Life	Unlimited



TYPE	Pack Cont.	Article-No.
Religel	1,000 ml	435-00750
	10,000 ml	435-00751

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Two-component gel

RELICON KH 100

RELICON KH 100 is a transparent, removable, saltwater resistant, flexible two-component gel based on hydrocarbon resins in trade standard cartridges. It is especially suitable for use with junction boxes in the low-voltage range, located in a humid area or in the ground. After curing, RELICON KH 100 is characterised by its excellent resistance to moisture and very good insulating properties as well as good chemical resistance. Application: Electrical insulation and moisture protection for the low-voltage networks. Particularly suitable for filling of cable junction boxes.

Features and Benefits

- Cartridge with mixing nozzle for use with standard cartridge applicator gun
- Excellent flow properties
- Soft elastic, vibration absorbing, removable
- Outstanding insulating properties
- Cures without developing heat
- Saltwater resistant
- Non-toxic, free of silicone and isocyanate
- SVHC-free, contains no hazardous substances, the cured product can be disposed of with house hold waste
- Halogen free



Two-component gel KH 100.

MATERIAL	Gel KH100 (KH100)
Colour	Transparent (CL)
Operating Temperature	-40 °C to +90 °C
Mixing Ratio (weight)	1:1
Pot Life	40 min. 23 °C
Density	0.95 g/cm ³ , 20 °C (DIN EN ISO 2811-2)
Dielectric Strength	>20 kV/mm
Viscosity	2000 mPa*s, 5 °C (EN ISO 2555), 1500 mPa*s, 23 °C (EN ISO 2555)
Storage Temperature	+4 °C to +40 °C
Shelf Life	18 months



Silicon free!

HF ✓

RoHS ✓

TYPE	Pack Cont.	Article-No.
Gel-100 Mixing-Nozzle	10 pcs.	435-00806
Gel-100	250 ml	435-00805
	600 ml	435-00807

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Connector blocks

RELICON Premium

The connector block is made of transparent polymeric material and assembled with 5 mechanical connectors inside. An allen key is included. The three different sizes are adapted to the right core cross sections and spaces that are needed for each joint. All connectors are suitable for aluminium and copper conductors as well. This makes the connection reliable and easy.

Features and Benefits

- Transparent, polymeric material
- 5 mechanical connectors including allen key
- 3 sizes available
- For Al and Cu conductors



SV-Connector blocks.

SV1	1.5 - 6	435-01400
SV2	1.5 - 16	435-01401
SV3	6 - 35	435-01402

Connectors

Tap connector, uninsulated, for copper conductors

Bright finished tap connector for screwing stranded and solid copper conductors according to VDE 0295 Class 1 and 2.

Features and Benefits

- For connecting conductors to VDE 0295 Class 1 and 2
- One bolt type, bright finished, uninsulated



Tap connectors, uninsulated, for copper conductors.

TYPE	Conductor Size Range mm ²	Length (L)	Width (W)	Mounting Screw Type	Pack Cont.	Article-No.
Tap connector 2516	2.5 - 16	16.0	19.5	M5	1 pc.	435-01550
Tap connector 2525	2.5-25.0	18.0	25.0	M6	1 pc.	435-01551
Tap connector 6035	6.0-35.0	20.0	28.0	M7	1 pc.	435-01552
Tap connector 6050	6.0-50.0	24.0	32.5	M7	1 pc.	435-01553
Tap connector 10070	10.0-70.0	24.0	37.5	M8	1 pc.	435-01554
Tap connector 25095	25.0-95.0	31.0	45.0	M10	1 pc.	435-01555

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.