

RELICON – Innovative Cast Resin and Gel Technology

For Reliable Cable Connections

MADE FOR REAL 

MADE FOR REAL 

Reliable through quality.

RELICON: expertise based on experience

Innovative cast resin and gel systems for reliable cable 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.



[www.HellermannTyton.com/
castresin-relicon-bro20](http://www.HellermannTyton.com/castresin-relicon-bro20)



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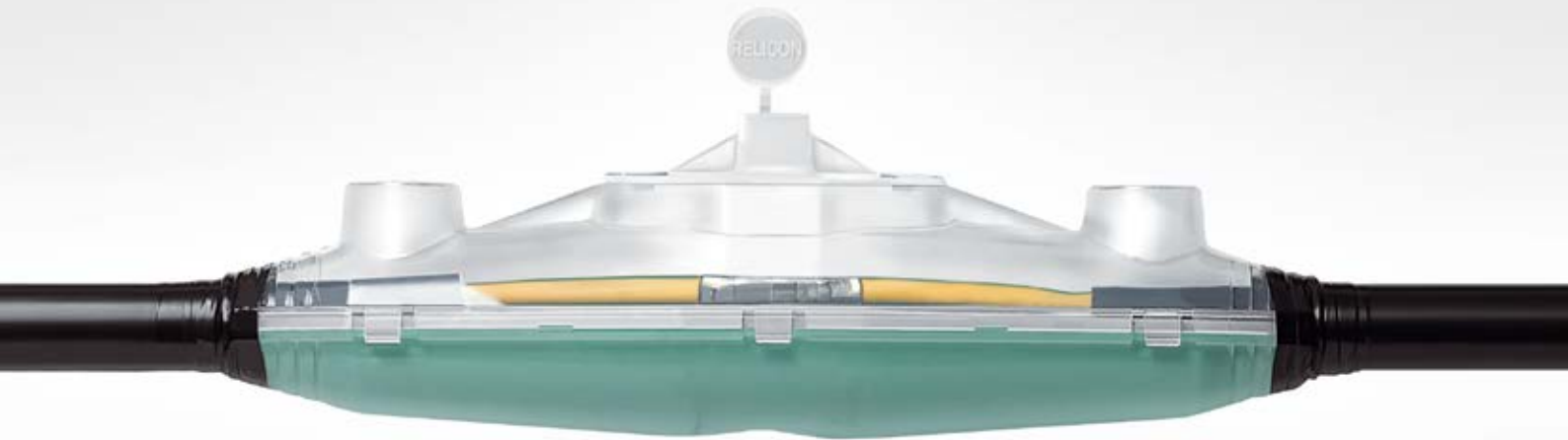
MADE FOR REAL[🌐]

RELICON: reliably connecting the present and the future.

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 interests of the environment. A reliable connection between efficient manufacture and optimal use.

RELICON has rapidly grown into a respected brand in the electrical installation market. Applying our longstanding engineering expertise, we develop and produce high quality cable connection products for low voltage applications and contribute significantly to electrical network reliability. We supply the market with leading cast resin and gel products and a complete range of application accessories.

RELICON branded products are state-of-the-art and combine technical expertise with exceptional quality.



Cast Resin Technology

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RELICON cast resin technology by HellermannTyton

Cast resin cable joints are applied wherever cable and wiring connections are submersed or buried underground.

Cast resin joints are exposed to high stress, so the cured two-component cast resin must deliver reliable long-term mechanical protection against external influences on the cable connection.

RELICON cast resin cable joints create reliable connections in the ground. They protect cable connections from thermal and mechanical stress, moisture and dust. They are resistant to all environmental influences and are ecologically safe. RELICON supplies polyurethane (PUR) cable joints suitable for universal use in the majority of applications scenarios.



[www.HellermannTyton.com/
gel-relicon-bro20](http://www.HellermannTyton.com/gel-relicon-bro20)



RELICON Safe Filling (SF) technology.



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 contact with the cast resin can be avoided and the installer 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 installer 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.



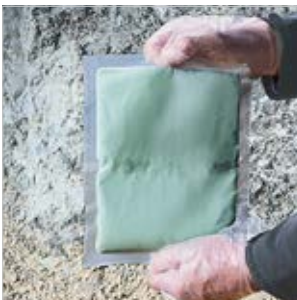
Transparent 2-chamber pouch for a optimized visual inspection of the mixing process.



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.



Straight-through cable joints without connectors

RELICON i-Line SF with PUR 33

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.

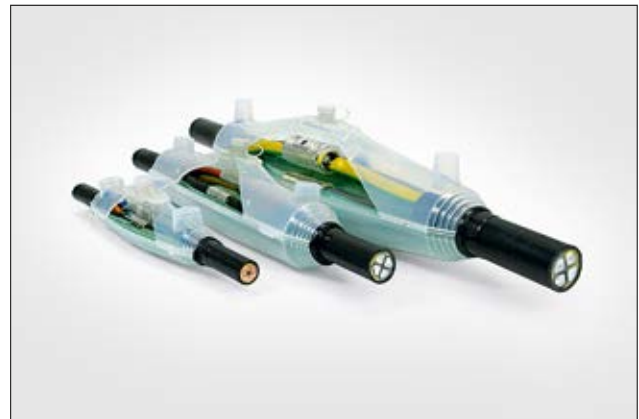
Application: Connections in industrial buildings, power supply in the ground, outdoors and underwater.

Features and benefits

- Colour changes from blue to green whilst mixing
- 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 submerged directly after casting

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 vinyl electrical tape
- Spacer for max. 5 core cable (i-1 to i-4)

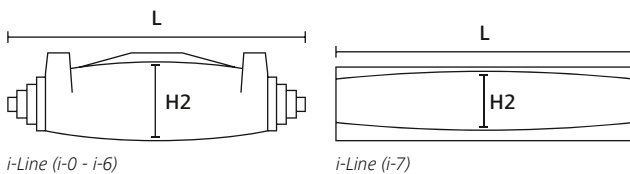


Straight-through joints i-Line SF (safe-filling) / Straight through joints i-A Line SF (safe-filling) – Armoured.

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



Without connector!



TYPE	Ø Main Cable	Main Cable mm ² min - max		Length (L)	Height (H2)	Resin Quantity	Article-No.
i-0 / SF	6-16	3 x 1.5	5 x 2.5	182.0	25.0	95 ml/130 g	435-00080
i-1 / SF	6-24	3 x 1.5	5 x 6	190.0	36.0	165 ml/226 g	435-00081
i-1.5 / SF	6-24	3 x 1.5	5 x 10	215.0	39.0	220 ml/301 g	435-00088
i-2 / SF	14-32	5 x 1.5	5 x 16	276.0	49.0	400 ml/548 g	435-00082
i-3 / SF	21-39	5 x 10	5 x 35	360.0	54.0	655 ml/897 g	435-00083
i-4 / SF	28-50	4 x 25	4 x 95	400.0	69.0	1140 ml/1562 g	435-00084
i-5 / SF	33-62	4 x 50	4 x 150	520.0	100.0	2 x 1450 ml/1987 g	435-00085
i-6 / SF	48-80	4 x 150	4 x 240	700.0	128.0	4 x 1640 ml/2247 g	435-00086
i-7 / SF	55-77	4 x 185	4 x 400	870.0	140.0	5 x 1950 ml/2672 g	435-00087

All dimensions in mm. Subject to technical changes.



Straight-through cable joints without connectors

RELICON i-A Line SF Armoured with PUR 33

RELICON cast resin cable joints for armoured cables are suitable for polymeric cables with earth bonding/continuity of SWA and STA. The transparent two-chamber resin bag makes the mixing process visible and therefore more reliable. Included all necessary earth continuity parts that suits the complete range of the joint and consists of constant force springs with straight ends for easy installation without any classical injuries. The range of the constant force springs is also printed on the constant force spring to make installation comfortable and to avoid mistakes. Application: Public and private networks, In- and Outdoor, above ground, underground or submerged, Cable 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 submerged directly after casting

Content of Set / Kit

- Cast resin PUR 33 with "colour change" in a transparent two-chamber pouch
- PP Moulding shells, transparent
- Earthing braid and constant force springs for armour continuity
- SF-filling system and adapter
- Emery cloth for roughening the cable sheath
- HelaTape-Flex 15 insulating tape
- HelaTape-Power 715 tape
- Protective gloves
- Detailed installation instruction and material list

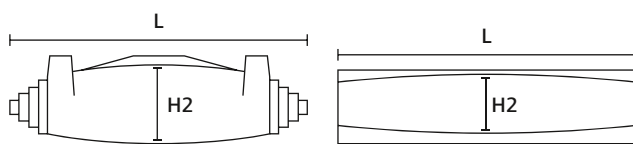


Straight-through joints i-Line SF (safe-filling) / Straight through joints i-A Line SF (safe-filling) – Armoured.



(2) Constant force springs with copper earthing braid.

i Without connector!



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

i-Line (i-7)

MATERIAL	Polyurethane resin (PUR)
Colour	Green (GN)
Operating Temperature	-25 °C to +130 °C
Storage Temperature	+4 °C to +40 °C
Shelf Life	48 months



TYPE	Ø Main Cable	Main Cable mm ² min - max		Length (L)	Height (H2)	Resin Quantity	Article-No.
i-0-A	6-16	3 x 1.5	5 x 2.5	182.0	25.0	95 ml/130 g	435-12200
i-1 A	6-24	3 x 1.5	5 x 6	190.0	36.0	165 ml/226 g	435-12201
i-1.5 A	8-24	4 x 16	5 x 10	215.0	39.0	220 ml/301 g	435-12202
i-2 A	14-32	5 x 1.5	5 x 16	276.0	49.0	400 ml/548 g	435-12203
i-3 A	21-39	5 x 10	5 x 35	360.0	54.0	655 ml/897 g	435-12204
i-4 A	28-50	4 x 25	4 x 95	400.0	69.0	1140 ml/1562 g	435-12205
i-5 A	33-62	4 x 150	4 x 240	520.0	100.0	2 x 1450 ml/1987 g	435-12206
i-6 A	48-80	4 x 150	4 x 240	700.0	128.0	4 x 1640 ml/2247 g	435-12207
i-7 A	55-77	4 x 185	4 x 400	870.0	140.0	5 x 1950 ml/2672 g	435-12208

All dimensions in mm. Subject to technical changes.



Straight-through cable joints with connectors

RELICON i-Line Premium SF with PUR 33

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.

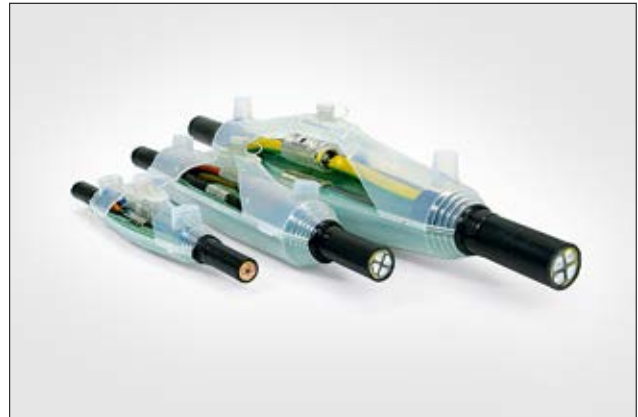
Application: Connections in industrial buildings, power supply in the ground, outdoors and underwater.

Features and benefits

- Colour changes from blue to green whilst mixing
- 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 submerged directly after casting
- 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 vinyl electrical tape
- Connector block with 5 screw connectors incl. allen key



Straight-through joints i-Line SF (safe-filling) / Straight through joints i-A Line SF (safe-filling) – Armoured.

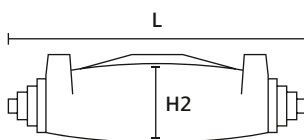


SV-Connector blocks.

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



With connector!



i-Line Premium

TYPE	Ø Main Cable	Main Cable mm ²		Length (L)	Height (H2)	Resin Quantity	Article-No.
		min	max				
i-1 Premium / SF	6-24	3 x 1.5	5 x 6	190.0	36.0	165 ml/226 g	435-12060
i-2 Premium / SF	14-32	5 x 1.5	5 x 16	276.0	49.0	400 ml/548 g	435-12061
i-3 Premium / SF	21-39	5 x 6	5 x 35	360.0	54.0	655 ml/897 g	435-12062

All dimensions in mm. Subject to technical changes.



Straight-through cable joints with connectors

RELICON i-A Line Premium SF Armoured with PUR 33

RELICON cast resin Premium cable joints for armoured cables are suitable for polymeric cables with earth bonding/continuity of AWA and SWA. The transparent two-chamber resin bag makes the mixing process visible and therefore more reliable. Integrated connector block with 6 connectors that guarantee optimum and stable distances with smaller cable cross-sections. Included all necessary earth continuity parts that suits the complete range of the joint and consists of constant force springs with straight ends for easy installation without any classical injuries. The range of the constant force springs is also printed on the constant force spring to make installation comfortable and to avoid mistakes. Application: Public and private networks, In- and outdoor, above ground, underground or submerged, Cable 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 submerged directly after casting
- Connectors for aluminium and copper conductors
- Safe connection for up to 5 core cables

Content of Set / Kit

- Cast resin PUR 33 with "colour change" in a transparent two-chamber pouch
- PP Moulding shells, transparent
- Connector block with 6 mechanical connectors pre-installed
- Earthing braid and constant force springs for armour continuity
- SF-filling system and adapter
- Emery cloth for roughening the cable sheath
- HelaTape-Flex 15 insulating tape
- HelaTape-Power 715 tape
- Protective gloves
- Detailed installation instruction and material list



Straight-through joints i-Line SF (safe-filling) / Straight through joints i-A Line SF (safe-filling) – Armoured.

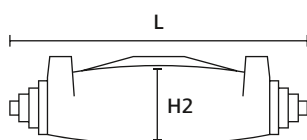


(2) Constant force springs with copper earthing braid.



SV-Connector blocks.

i With connector!



i-Line Premium

MATERIAL	Polyurethane resin (PUR)
Colour	Green (GN)
Operating Temperature	-25 °C to +130 °C
Storage Temperature	+4 °C to +40 °C
Shelf Life	48 months



TYPE	Ø Main Cable	Main Cable mm ² min - max		Length (L)	Height (H2)	Resin Quantity	Article-No.
i-1 Premium A	6-24	3 x 1.5	5 x 6	190.0	36.0	165 ml/226 g	435-12209
i-2 Premium A	14-32	5 x 1.5	5 x 16	276.0	49.0	400 ml/548 g	435-12210
i-3 Premium A	21-39	5 x 10	5 x 35	360.0	54.0	655 ml/897 g	435-12211

All dimensions in mm. Subject to technical changes.



Straight-through cable joints without connectors

RELICON i-Line SF with PUR 771

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: Connections in industrial buildings, power supply in the ground, outdoors and in the water.

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

Content of Set / Kit

- Cast resin PUR 771
- Two-chamber pouch, transparent
- Moulding shells, transparent
- SF-system and nozzle
- Protective gloves, emery cloth, installation instructions
- HelaTape vinyl electrical tape
- Spacer for max. 5 core cable (i-1 to i-4)

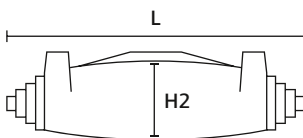


Straight-through joints i-Line SF (safe-filling) / Straight through joints i-A Line SF (safe-filling) – Armoured.

MATERIAL	Polyurethane resin (PUR)
Colour	Black (BK)
Operating Temperature	-25 °C to +130 °C
Storage Temperature	+4 °C to +40 °C
Shelf Life	36 months



Without connector!



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

TYPE	Ø Main Cable	Main Cable mm ²		Length (L)	Height (H2)	Resin Quantity	Article-No.
		min	max				
i-0 / SF	7-16	3 x 1.5	5 x 2.5	182.0	25.0	95 ml/130 g	435-12100
i-1 / SF	6-24	3 x 1.5	5 x 6	190.0	36.0	165 ml/226 g	435-12101
i-1.5 / SF	8-24	3 x 1.5	5 x 10	215.0	39.0	220 ml/249 g	435-12102
i-2 / SF	14-30	5 x 1.5	5 x 16	276.0	49.0	400 ml/548 g	435-12103
i-3 / SF	23-35	5 x 10	5 x 35	360.0	54.0	655 ml/897 g	435-12104
i-4 / SF	28-47	4 x 25	4 x 95	400.0	69.0	1140 ml/1562 g	435-12105
i-5 / SF	33-55	4 x 50	4 x 150	520.0	100.0	2 x 1450 ml/1987 g	435-12106
i-6 / SF	48-70	4 x 150	4 x 240	700.0	128.0	4 x 1640 ml/2247 g	435-12107
i-7 / SF	55-77	4 x 185	4 x 400	870.0	140.0	5 x 1950 ml/2672 g	435-12108

All dimensions in mm. Subject to technical changes.



Straight-through cable joints with connectors

RELICON i-Line Premium SF with PUR 771

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: Connections in industrial buildings, power supply in the ground, outdoors and in the water.

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

Content of Set / Kit

- "Cast resin PUR 771
- Two-chamber pouch, transparent
- Moulding shells, transparent
- SF-system and nozzle
- Protective gloves, emery cloth, installation instructions
- HelaTape vinyl electrical tape
- Connector block with 5 screw connectors incl. allen key"

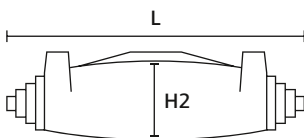


Straight-through joints i-Line SF (safe-filling) / Straight through joints i-A Line SF (safe-filling) – Armoured.

MATERIAL	Polyurethane resin (PUR)
Colour	Black (BK)
Operating Temperature	-25 °C to +130 °C
Storage Temperature	+4 °C to +40 °C
Shelf Life	36 months



With connector!



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

TYPE	Ø Main Cable	Main Cable mm ²		Length (L)	Height (H2)	Resin Quantity	Article-No.
		min	max				
i-1 Premium SF	6-24	3 x 1.5	5 x 6	190.0	36.0	165 ml/226 g	435-12109
i-2 Premium SF	14-32	5 x 1.5	5 x 16	276.0	49.0	400 ml/548 g	435-12110
i-3 Premium SF	21-39	5 x 6	5 x 35	360.0	54.0	655 ml/897 g	435-12111

All dimensions in mm. Subject to technical changes.



Branch cable joints

RELICON Y-Line SF with PUR 33

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.

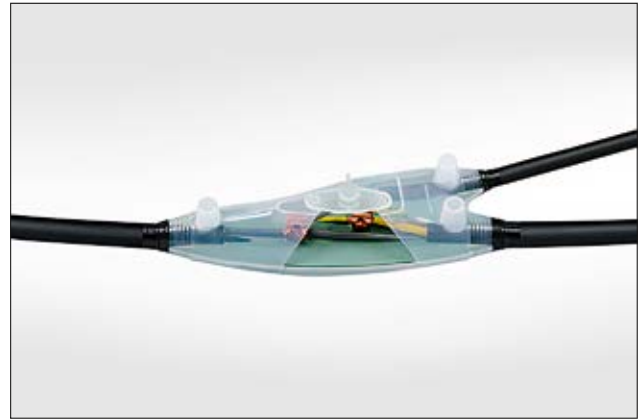
Application: Connections in industrial buildings, power supply in the ground, outdoors and in the water.

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 vinyl electrical tape

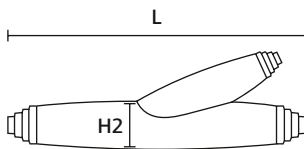


Branch joint Y-Line SF (safe filling) / Branch joint Y-A Line SF (safe filling) – Armoured.

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



Without branch connector!



Y-Line

TYPE	Ø Main Cable	Main Cable mm ² min - max		Ø Branch Cable	Angle	Branch Cable mm ² min - max		Length (L)	Height (H2)	Resin Quantity	Article-No.
Y-0 / SF	8-24	3 x 1.5	4 x 10	8-24	30 °	3 x 1.5	4 x 4	190.0	60.0	240 ml/329 g	435-12063
Y-1 / SF	6-26	3 x 1.5	5 x 10	6-26	30 °	3 x 1.5	5 x 6	205.0	70.0	490 ml/671 g	435-12064
Y-2 / SF	25-42	4 x 16	5 x 25	15-36	20 °	4 x 6	5 x 16	350.0	98.0	1445 ml/1980 g	435-12065
Y-3 / SF	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	435-12066
Y-5 / SF	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	435-12067
Y-6 / SF	30-58	4 x 95	4 x 185	17-42	20 °	4 x 10	4 x 70	430.0	130.0	2 x 1450 ml/1987 g	435-12068

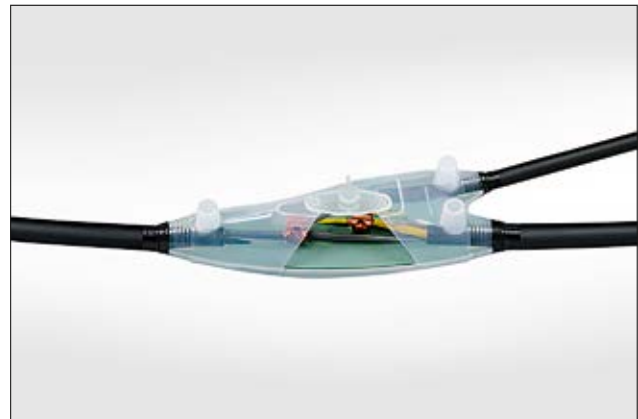
All dimensions in mm. Subject to technical changes.



Branch cable joints

RELICON Y-A Line SF Armoured with PUR 33

RELICON cast resin joints for armoured cables are suitable for polymeric cables with earth bonding/continuity of SWA and STA. The transparent two-chamber resin bag makes the mixing process visible and therefore more reliable. Included all necessary earth continuity parts that suits the complete range of the joint and consists of constant force springs with straight ends for easy installation without any classical injuries. The range of the constant force springs is also printed on the constant force spring to make installation comfortable and to avoid mistakes. Relicon branch joints are also suitable for cut and uncut mains and the PA-Line even for double service cables. Application: Public and private networks, In- and outdoor, above ground, underground or submerged, cable ducts.



Branch joint Y-Line SF (safe filling) / Branch joint Y-A Line SF (safe filling) – Armoured.

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 submerged directly after casting

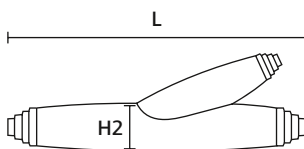
Content of Set / Kit

- Cast resin PUR 33 with “colour change” in a transparent two-chamber pouch
- PP Moulding shells, transparent
- Earthing braid and constant force springs for armour continuity
- SF-filling system and adapter
- Emery cloth for roughening the cable sheath
- HelaTape-Flex 15 insulating tape
- HelaTape-Power 715 tape
- Protective gloves
- Detailed installation instruction and material list



(3) Constant force springs with copper earthing braid.

Without branch connector!



Y-Line

MATERIAL	Polyurethane resin (PUR)
Colour	Green (GN)
Operating Temperature	-25 °C to +130 °C
Storage Temperature	+4 °C to +40 °C
Shelf Life	48 months



TYPE	Ø Main Cable	Main Cable mm ² min - max		Ø Branch Cable	Angle	Branch Cable mm ² min - max		Length (L)	Height (H2)	Resin Quantity	Article-No.
Y-0 A	8-24	3 x 1.5	4 x 10	8-24	30 °	3 x 1.5	4 x 4	190.0	60.0	240 ml/329 g	435-12212
Y-1 A	6-26	3 x 1.5	5 x 10	6-26	30 °	3 x 1.5	5 x 6	205.0	70.0	490 ml/671 g	435-12213
Y-2 A	25-42	4 x 16	5 x 25	15-36	20 °	4 x 6	5 x 16	350.0	98.0	1445 ml/1980 g	435-12214
Y-3 A	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	435-12215
Y-5 A	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	435-12216
Y-6 A	30-58	4 x 95	4 x 185	17-42	20 °	4 x 10	4 x 70	430.0	130.0	2 x 1450 ml/1987 g	435-12217

All dimensions in mm. Subject to technical changes.



Branch cable joints

RELICON Y-Line SF with PUR 771

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: Connections in industrial buildings, power supply in the ground, outdoors and in the water.

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 771
- Two-chamber pouch, transparent
- Moulding shells, transparent
- SF-system and nozzle
- Protective gloves, emery cloth, installation instructions
- HelaTape vinyl electrical tape

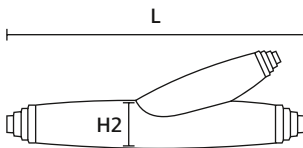


Branch joint Y-Line SF (safe filling) / Branch joint Y-A Line SF (safe filling) – Armoured.

MATERIAL	Polyurethane resin (PUR)
Colour	Black (BK)
Operating Temperature	-25 °C to +130 °C
Storage Temperature	+4 °C to +40 °C
Shelf Life	48 months



Without branch connector!



Y-Line

TYPE	Ø Main Cable	Main Cable mm ² min - max		Ø Branch Cable	Angle	Branch Cable mm ² min - max		Length (L)	Height (H2)	Resin Quantity	Article-No.
Y-0 / SF	8-24	3 x 1.5	4 x 10	8-24	30 °	3 x 1.5	4 x 4	190.0	60.0	240 ml/329 g	435-13021
Y-1 / SF	6-26	3 x 1.5	5 x 10	6-26	30 °	3 x 1.5	5 x 6	205.0	70.0	490 ml/671 g	435-13022
Y-2 / SF	25-42	4 x 16	5 x 25	15-36	20 °	4 x 6	5 x 16	350.0	98.0	1445 ml/1980 g	435-13023
Y-3 / SF	10-40	4 x 16	5 x 16	13-36	20 °	4 x 10	5 x 10	330.0	90.0	955 ml/1308 g	435-13024
Y-5 / SF	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	435-13025
Y-6 / SF	30-58	4 x 95	4 x 185	17-42	20 °	4 x 10	4 x 70	430.0	130.0	2 x 1450 ml/1987 g	435-13026

All dimensions in mm. Subject to technical changes.



Branch cable joints

RELICON T-Line SF with PUR 33

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: Connections in industrial buildings, power supply in the ground, outdoors and in the water.

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 vinyl electrical tape

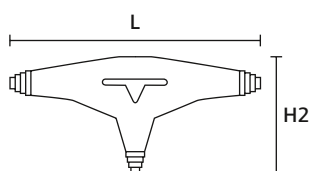


Branch joint T-Line SF (safe filling) / Branch joint T-A Line SF (safe filling) – Armoured.

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



Without branch connector!



T-Line

TYPE	Ø Main Cable	Main Cable mm ² min - max		Ø Branch Cable	Angle	Branch Cable mm ² min - max		Length (L)	Height (H2)	Resin Quantity	Article-No.
T-1 / SF	16-26	5 x 10	3 x 1.5	8-24	90 °	5 x 6	5 x 6	276.0	177.0	455 ml/623 g	435-12069
T-2 / SF	25-32	5 x 16	5 x 1.5	8-24	90 °	5 x 10	5 x 10	380.0	225.0	2045 ml/2802 g	435-12070
T-3 / SF	29-40	5 x 50	5 x 6	8-24	90 °	5 x 16	5 x 16	520.0	205.0	2 x 1450 ml/1987 g	435-12071

All dimensions in mm. Subject to technical changes.



Branch cable joints

RELICON T-A Line SF Armoured with PUR 33

RELICON cast resin joints for armoured cables are suitable for polymeric cables with earth bonding/continuity of SWA and STA. The transparent two-chamber resin bag makes the mixing process visible and therefore more reliable. Included all necessary earth continuity parts that suits the complete range of the joint and consists of constant force springs with straight ends for easy installation without any classical injuries. The range of the constant force springs is also printed on the constant force spring to make installation comfortable and to avoid mistakes. Relicon branch joints are also suitable for cut and uncut mains and the PA-Line even for double service cables. Application: Public and private networks, In- and outdoor, above ground, underground or submerged, cable 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 submerged directly after casting

Content of Set / Kit

- Cast resin PUR 33 with "colour change" in a transparent two-chamber pouch
- PP Moulding shells, transparent
- Earthing braid and constant force springs for armour continuity
- SF-filling system and adapter
- Emery cloth for roughening the cable sheath
- HelaTape-Flex 15 insulating tape
- HelaTape-Power 715 tape
- Protective gloves
- Detailed installation instruction and material list

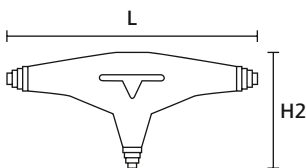


Branch joint T-Line SF (safe filling) / Branch joint T-A Line SF (safe filling) – Armoured.



(3) Constant force springs with copper earthing braid.

Without branch connector!



T-Line

MATERIAL	Polyurethane resin (PUR)
Colour	Green (GN)
Operating Temperature	-25 °C to +130 °C
Storage Temperature	+4 °C to +40 °C
Shelf Life	48 months



TYPE	Ø Main Cable	Main Cable mm ² min - max		Ø Branch Cable	Angle	Branch Cable mm ² min - max		Length (L)	Height (H2)	Resin Quantity	Article-No.
T-1 A	16-26	5 x 1.5	5 x 10	10 - 24	90 °	3 x 1.5	5 x 6	276.0	177.0	455 ml/623 g	435-12218
T-2 A	25-32	5 x 6	5 x 16	18 - 25	90 °	5 x 1.5	5 x 10	380.0	225.0	2045 ml/2802 g	435-12219
T-3 A	29-40	5 x 10	5 x 50	20 - 30	90 °	5 x 6	5 x 16	520.0	205.0	2 x 1450 ml/1987 g	435-12220

All dimensions in mm. Subject to technical changes.



Branch cable joints

RELICON T-Line SF with PUR 771

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: Connections in industrial buildings, power supply in the ground, outdoors and in the water.

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 771
- Two-chamber pouch, transparent
- Moulding shells, transparent
- SF-system and nozzle
- Protective gloves, emery cloth, installation instructions
- HelaTape vinyl electrical tape

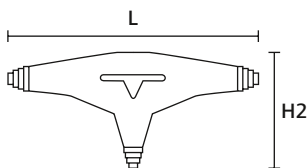


Branch joint T-Line SF (safe filling) / Branch joint T-A Line SF (safe filling) – Armoured.

MATERIAL	Polyurethane resin (PUR)
Colour	Black (BK)
Operating Temperature	-25 °C to +130 °C
Storage Temperature	+4 °C to +40 °C
Shelf Life	48 months



**Without
branch connector!**



T-Line

TYPE	Ø Main Cable	Main Cable mm ² min - max	Ø Branch Cable	Angle	Branch Cable mm ² min - max	Length (L)	Height (H2)	Resin Quantity	Article-No.
T-1 / SF	16-26	5 x 1.5 5 x 10	8-24	90 °	3 x 1.5 5 x 6	276.0	177.0	455 ml/623 g	435-13027
T-2 / SF	25-32	5 x 6 5 x 16	18-25	90 °	5 x 1.5 5 x 10	380.0	225.0	2045 ml/2802 g	435-13028
T-3 / SF	29-40	5 x 10 5 x 50	20-30	90 °	5 x 6 5 x 16	520.0	205.0	2 x 1450 ml/1987 g	435-13029

All dimensions in mm. Subject to technical changes.



Parallel cable branch joints

RELICON PA-11 with PUR 33

The parallel branch joint PA 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.

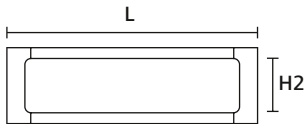
Application: In low-voltage electrical networks as well as for signal and communication cables. For power supply lines for outdoor lighting and for cable repairs. In general connections in industrial buildings, power supply underground, outdoors and under water.

Features and benefits

- Colour changes from blue to green whilst mixing
- One-piece, impact-proof, transparent moulding shell
- Captive lids
- Compact, optimized dimensions
- Longitudinally and transversely watertight
- Joint can be cast under influence of water
- Immediately ready for use

Content of Set / Kit

- Cast resin PUR 33
- In a two-chamber pouch
- Transparent, one-piece moulding shell
- Foam seals, protective gloves, emery cloth
- Cleaning cloth, installation instructions
- SF-nozzle (two-chamber pouch)



PA-11



Parallel branch joint PA-11 58/230.

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



i Without branch connector!

TYPE	Ø Main Cable	Main Cable mm ²		Ø Branch Cable	Branch Cable mm ²		Length (L)	Height (H2)	Resin Quantity	Article-No.
		min	max		min	max				
PA-11 / SF	13-21	4 x 1.5	5 x 10	13-21	4 x 1.5	5 x 10	230.0	58.0	490 ml/671 g	435-00179

All dimensions in mm. Subject to technical changes.



Parallel cable branch joints

RELICON PA-12 with PUR 33

The parallel branch joint PA 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.

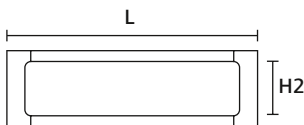
Application: In low-voltage electrical networks as well as for signal and communication cables. For power supply lines for outdoor lighting and for cable repairs. In general connections in industrial buildings, power supply underground, outdoors and under water.

Features and benefits

- Colour changes from blue to green whilst mixing
- One-piece, impact-proof, transparent moulding shell
- Captive lids
- Compact, optimized dimensions
- Longitudinally and transversely watertight
- Joint can be cast under influence of water
- Immediately ready for use

Content of Set / Kit

- Cast resin PUR 33
- In a two-chamber pouch
- Transparent, one-piece moulding shell
- Foam seals, protective gloves, emery cloth
- Cleaning cloth, installation instructions
- SF-nozzle (two-chamber pouch)



PA-12



Parallel branch joint PA-12 75/300.

MATERIAL	Polyurethane resin (PUR)
Colour	Green (GN)
Operating Temperature	-20 °C to +120 °C
Storage Temperature	+4 °C to +40 °C
Shelf Life	48 months



i Without branch connector!

TYPE	Ø Main Cable	Main Cable mm ² min - max		Ø Branch Cable	Branch Cable mm ² min - max		Length (L)	Height (H2)	Article-No.
		4 x 16	5 x 25		4 x 6	5 x 16			
PA-12 / SF	17-29	4 x 16	5 x 25	13-22	4 x 6	5 x 16	300.0	75.0	435-00180

All dimensions in mm. Subject to technical changes.



Parallel cable branch joints

RELICON PA-13 with PUR 33

The parallel branch joint PA 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.

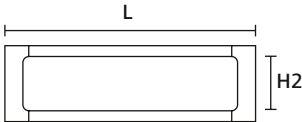
Application: In low-voltage electrical networks as well as for signal and communication cables. For power supply lines for outdoor lighting and for cable repairs. In general connections in industrial buildings, power supply underground, outdoors and under water.

Features and benefits

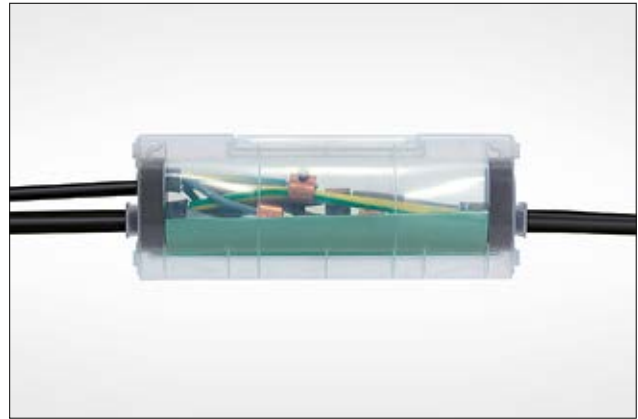
- Colour changes from blue to green whilst mixing
- One-piece, impact-proof, transparent moulding shell
- Captive lids
- Compact, optimized dimensions
- Longitudinally and transversely watertight
- Joint can be cast under influence of water
- Immediately ready for use

Content of Set / Kit

- Cast resin PUR 33
- In a two-chamber pouch
- Transparent, one-piece moulding shell
- Foam seals, protective gloves, emery cloth
- Cleaning cloth, installation instructions
- SF-nozzle (two-chamber pouch)



PA-13



Parallel branch joint PA-13 95/420.

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



Without branch connector!

TYPE	Ø Main Cable	Main Cable mm ² min - max		Ø Branch Cable	Branch Cable mm ² min - max		Length (L)	Height (H2)	Article-No.
		4 x 10	5 x 35		4 x 25	5 x 35			
PA-13 / SF	27-35	4 x 10	5 x 35	21-30	4 x 25	5 x 35	420.0	95.0	435-00181

All dimensions in mm. Subject to technical changes.



Parallel cable branch joints

RELICON PA-11 with PUR 771

The parallel branch joint PA 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 well as for signal and communication cables. For power supply lines for outdoor lighting and for cable repairs. In general connections in industrial buildings, power supply in the ground, outdoors and in the water.

Features and benefits

- One-piece, impact-proof, transparent moulding shell
- Captive lids
- Compact, optimized dimensions
- Longitudinally and transversely watertight
- Joint can be cast under influence of water
- Immediately ready for use

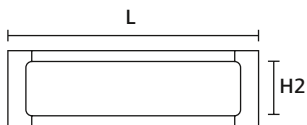
Content of Set / Kit

- Cast resin PUR 771
- In a two-chamber pouch
- Transparent, one-piece moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, installation instructions
- SF-nozzle (two-chamber pouch)



Parallel branch joint PA-11 PUR 771.

MATERIAL	Polyurethane resin (PUR)
Colour	Black (BK)
Operating Temperature	-25 °C to +120 °C
Storage Temperature	+4 °C to +40 °C
Shelf Life	36 months



PA-11

i Without branch connector!

TYPE	Ø Main Cable	Main Cable mm ² min - max		Ø Branch Cable	Branch Cable mm ² min - max		Length (L)	Height (H2)	Resin Quantity	Article-No.
		4 x 1.5	5 x 10		4 x 1.5	5 x 10				
PA-11 / SF	13-21	4 x 1.5	5 x 10	13-21	4 x 1.5	5 x 10	230.0	58.0	490 ml/671 g	435-00186

All dimensions in mm. Subject to technical changes.



Parallel cable branch joints

RELICON PA-12 with PUR 771

The parallel branch joint PA 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 well as for signal and communication cables. For power supply lines for outdoor lighting and for cable repairs. In general connections in industrial buildings, power supply in the ground, outdoors and in the water.

Features and benefits

- One-piece, impact-proof, transparent moulding shell
- Captive lids
- Compact, optimized dimensions
- Longitudinally and transversely watertight
- Joint can be cast under influence of water
- Immediately ready for use

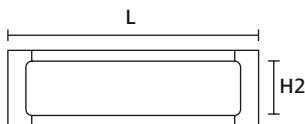
Content of Set / Kit

- Cast resin PUR 771
- In a two-chamber pouch
- Transparent, one-piece moulding shell
- Foam seals, protective gloves, emery cloth
- Cleaning cloth, installation instructions
- SF-nozzle (two-chamber pouch)



Parallel branch joint PA-12 PUR 771.

MATERIAL	Polyurethane resin (PUR)
Colour	Black (BK)
Operating Temperature	-25 °C to +130 °C
Storage Temperature	+4 °C to +40 °C
Shelf Life	36 months



PA-12



Without branch connector!

TYPE	Ø Main Cable	Main Cable mm ² min - max		Ø Branch Cable	Branch Cable mm ² min - max		Length (L)	Height (H2)	Article-No.
		4 x 16	5 x 25		4 x 6	5 x 16			
PA-12 / SF	17-29	4 x 16	5 x 25	13-22	4 x 6	5 x 16	300.0	75.0	435-00187

All dimensions in mm. Subject to technical changes.



Parallel cable branch joints

RELICON PA-13 with PUR 771

The parallel branch joint PA 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 well as for signal and communication cables. For power supply lines for outdoor lighting and for cable repairs. In general connections in industrial buildings, power supply in the ground, outdoors and in the water.

Features and benefits

- One-piece, impact-proof, transparent moulding shell
- Captive lids
- Compact, optimized dimensions
- Longitudinally and transversely watertight
- Joint can be cast under influence of water
- Immediately ready for use

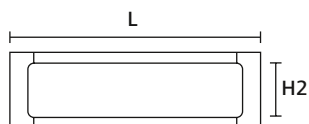
Content of Set / Kit

- Cast resin PUR 771
- In a two-chamber pouch
- Transparent, one-piece moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, installation instructions
- SF-nozzle (two-chamber pouch)



Parallel branch joint PA-13 PUR 771.

MATERIAL	Polyurethane resin (PUR)
Colour	Black (BK)
Operating Temperature	-25 °C to +120 °C
Storage Temperature	+4 °C to +40 °C
Shelf Life	36 months



PA-13

i Without branch connector!

TYPE	Ø Main Cable	Main Cable mm ² min - max		Ø Branch Cable	Branch Cable mm ² min - max		Length (L)	Height (H2)	Article-No.
		4 x 10	5 x 35		4 x 25	5 x 35			
PA-13 / SF	27-35	4 x 10	5 x 35	21-30	4 x 25	5 x 35	420.0	95.0	435-00188

All dimensions in mm. Subject to technical changes.



Parallel branch cable joints house connections

RELICON PAH-2 with PUR 33

The parallel branch joint PAH is a universal straight-through and branch joint. Suitable as single branch joint with various commercially available branch clamping rings. For polymeric cables and wires made of PVC, XLPE, PE, EPR and utility cables.

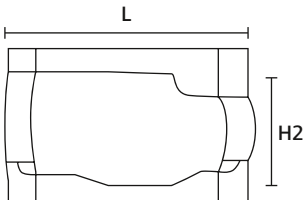
Application: Especially designed branch joint for building and domestic connections to the low-voltage electrical network. Underground, submerged, outdoor, indoor.

Features and benefits

- Colour changes from blue to green whilst mixing
- Impact-proof, transparent moulding shell
- Compact, optimized dimensions
- Longitudinally and transversely watertight
- SF-system
- Joint can be submerged directly after casting
- Immediately ready for use
- Suitable for various compact branch clamping rings

Content of Set / Kit

- Cast resin PUR 33
- In a two-chamber pouch
- Transparent moulding shell
- Foam seals, protective gloves, emery cloth
- Cleaning cloth, cable kit, installation instructions
- SF-nozzle (two-chamber pouch)



PAH-2



Parallel branch joint PAH-2 130/300, house connector set.

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



Without branch connector!

TYPE	Ø Main Cable	Main Cable mm ²		Ø Branch Cable	Branch Cable mm ²		Length (L)	Height (H2)	Resin Quantity	Article-No.
		min	max		min	max				
PAH-2 / SF	27-49	4 x 35	4 x 150	15-33	4 x 6	4 x 70	300.0	130.0	1950 ml/2672 g	435-12073

All dimensions in mm. Subject to technical changes.



Parallel branch cable joints house connections

RELICON PAH-3 with PUR 33

The parallel branch joint PAH is a universal straight-through and branch joint. Suitable as single branch joint with various commercially available branch clamping rings. For polymeric cables and wires made of PVC, XLPE, PE, EPR and utility cables.

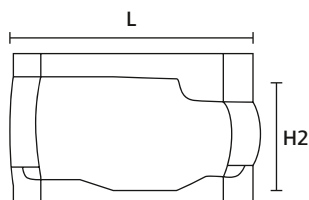
Application: Especially designed branch joint for building and domestic connections to the low-voltage electrical network. Underground, submerged, outdoor, indoor.

Features and benefits

- Colour changes from blue to green whilst mixing
- Impact-proof, transparent moulding shell
- Compact, optimized dimensions
- Longitudinally and transversely watertight
- SF-system
- Joint can be submerged directly after casting
- Immediately ready for use
- Suitable for various compact branch clamping rings

Content of Set / Kit

- Cast resin PUR 33
- In a two-chamber pouch
- Transparent moulding shell
- Foam seals, protective gloves, emery cloth
- Cleaning cloth, cable kit, installation instructions
- SF-nozzle (two-chamber pouch)



PAH-3



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

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



i Without branch connector!

TYPE	Ø Main Cable	Main Cable mm ²		Ø Branch Cable	Branch Cable mm ²		Length (L)	Height (H2)	Resin Quantity	Article-No.
		min	max		min	max				
PAH-3 / SF	27-49	4 x 35	4 x 185	15-33	4 x 6	4 x 70	360.0	135.0	2800 ml/3836 g	435-12075

All dimensions in mm. Subject to technical changes.



Parallel branch cable joints house connections

RELICON PAH-4 with PUR 33

The parallel branch joint PAH is a universal straight-through and branch joint. Suitable as single branch joint with various commercially available branch clamping rings. For polymeric cables and wires made of PVC, XLPE, PE, EPR and utility cables.

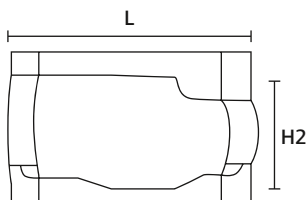
Application: Especially designed branch joint for building and domestic connections to the low-voltage electrical network. Underground, submerged, outdoor, indoor.

Features and benefits

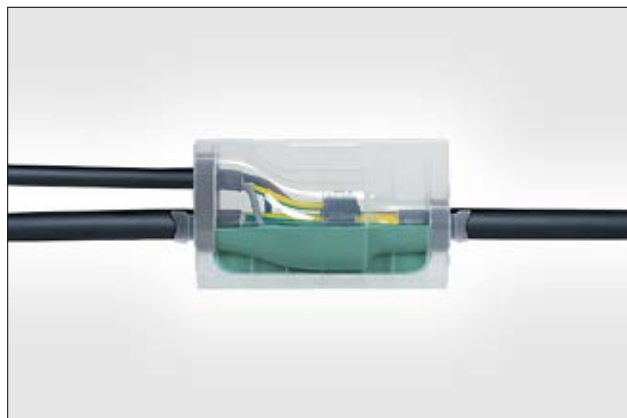
- Colour changes from blue to green whilst mixing
- Impact-proof, transparent moulding shell
- Compact, optimized dimensions
- Longitudinally and transversely watertight
- SF-system
- Joint can be submerged directly after casting
- Immediately ready for use
- Suitable for various compact branch clamping rings

Content of Set / Kit

- Cast resin PUR 33
- In a two-chamber pouch
- Transparent moulding shell
- Foam seals, protective gloves, emery cloth
- Cleaning cloth, cable kit, installation instructions
- SF-nozzle (two-chamber pouch)



PAH-4



Parallel branch joint PAH-4 140/420, house connector set.

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



Without branch connector!

TYPE	Ø Main Cable	Main Cable mm ²		Ø Branch Cable	Branch Cable mm ²		Length (L)	Height (H2)	Resin Quantity	Article-No.
		min	max		min	max				
PAH-4 / SF	27-58	4 x 70	4 x 240	15-49	4 x 6	4 x 120	420.0	140.0	3900 ml/5343 g	435-12077

All dimensions in mm. Subject to technical changes.



Parallel branch cable joints house connections

RELICON PAH-2 with PUR 771

The parallel branch joint PAH is a universal straight-through and branch joint. Suitable as single branch joint with various commercially available branch clamping rings. For polymeric cables and wires made of PVC, XLPE, PE, EPR and utility cables.

Application: Especially designed branch joint for building and domestic connections to the low-voltage electrical network. Underground, submerged, outdoor, indoor.

Features and benefits

- Impact-proof, transparent moulding shell
- Compact, optimized dimensions
- Longitudinally and transversely watertight
- SF-system
- Joint can be submerged directly after casting
- Immediately ready for use
- Suitable for various compact branch clamping rings

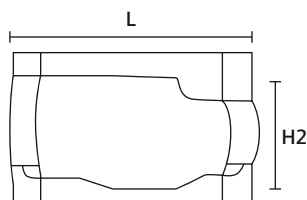
Content of Set / Kit

- Cast resin PUR 771
- In a two-chamber pouch
- Transparent moulding shell
- Foam seals, protective gloves, emery cloth
- Cleaning cloth, cable kit, installation instructions
- SF-nozzle (two-chamber pouch)



Parallel branch joint PAH-2 PUR771.

MATERIAL	Polyurethane resin (PUR)
Colour	Black (BK)
Operating Temperature	-25 °C to +130 °C
Storage Temperature	+4 °C to +40 °C
Shelf Life	36 months



PAH-2

i Without branch connector!

TYPE	Ø Main Cable	Main Cable mm ²		Ø Branch Cable	Branch Cable mm ²		Length (L)	Height (H2)	Resin Quantity	Article-No.
		min	max		min	max				
PAH-2 / SF	27-49	4 x 35	4 x 150	15-33	4 x 6	4 x 70	300.0	130.0	1950 ml/2672 g	435-00183

All dimensions in mm. Subject to technical changes.



Parallel branch cable joints house connections

RELICON PAH-3 with PUR 771

The parallel branch joint PAH is a universal straight-through and branch joint. Suitable as single branch joint with commercial branch clamping rings. For polymeric cables and wires made of PVC, XLPE, PE, EPR and utility cables.

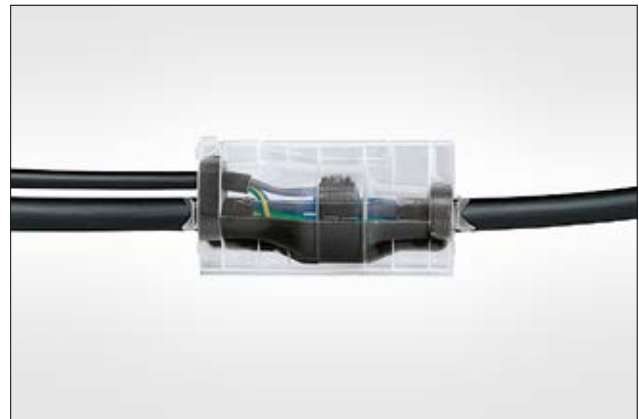
Application: In low-voltage electrical networks as branch joint for building connections. Underground, submerged, outdoor, indoor.

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 branch clamping rings

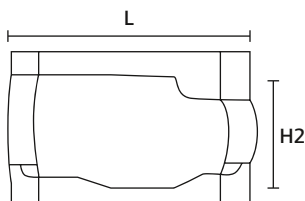
Content of Set / Kit

- Cast resin PUR 771
- In a two-chamber pouch
- Transparent moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, cable kit, installation instructions
- SF-nozzle (two-chamber pouch)



Parallel branch joint PAH-3 PUR771.

MATERIAL	Polyurethane resin (PUR)
Colour	Black (BK)
Operating Temperature	-25 °C to +120 °C
Storage Temperature	+4 °C to +40 °C
Shelf Life	36 months



PAH-3



Without branch connector!

TYPE	Ø Main Cable	Main Cable mm ² min - max		Ø Branch Cable	Branch Cable mm ² min - max		Length (L)	Height (H2)	Resin Quantity	Article-No.
PAH-3 / SF	27-49	4 x 35	4 x 185	15-33	4 x 6	4 x 70	360.0	135.0	2800 ml/3836 g	435-00184

All dimensions in mm. Subject to technical changes.



Parallel branch cable joints house connections

RELICON PAH-4 with PUR 771

The parallel branch joint PAH is a universal straight-through and branch joint. Suitable as single branch joint with commercial branch clamping rings. For polymeric cables and wires made of PVC, XLPE, PE, EPR and utility cables.

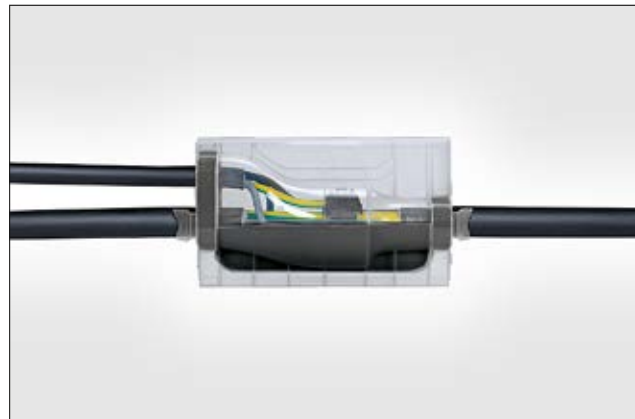
Application: In low-voltage electrical networks as branch joint for building connections. Underground, submerged, outdoor, indoor.

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 branch clamping rings

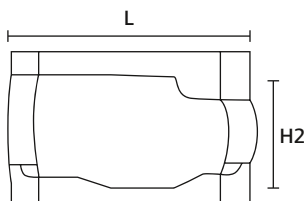
Content of Set / Kit

- Cast resin PUR 771
- In a two-chamber pouch
- Transparent moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, cable kit, installation instructions
- SF-nozzle (two-chamber pouch)



Parallel branch joint PAH-4 PUR771.

MATERIAL	Polyurethane resin (PUR)
Colour	Black (BK)
Operating Temperature	-25 °C to +120 °C
Storage Temperature	+4 °C to +40 °C
Shelf Life	36 months



PAH-4

i Without branch connector!

TYPE	Ø Main Cable	Main Cable mm ²		Ø Branch Cable	Branch Cable mm ²		Length (L)	Height (H2)	Resin Quantity	Article-No.
		min	max		min	max				
PAH-4 / SF	27-58	4 x 70	4 x 240	15-49	4 x 70	4 x 120	420.0	140.0	3900 ml/5343 g	435-00185

All dimensions in mm. Subject to technical changes.

RELICON expertise for cast resins and gels:
Choose the right product for your application.

PRODUCT FAMILY	Pot Life	Shore Hardness D	Operating Temperature	Dielectric Strength	Shelf Life	Exothermicity max.	Removable	Flexible	
Two-component polyurethane cast resin									
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 771	50 min. 5 °C, 15 min. 23 °C, 5 min. 23 °C	56±5	-25 °C to +130 °C	>20 kV/mm	36 months	+71 °C	–	–	
Two-component gel									
RELICON KH 100	40 min. 23 °C	–	-40 °C to +90 °C	>20 kV/mm	18 months	–	Yes	Yes	
RELICON KH 67	40 min. 23 °C	–	-40 °C to +90 °C	>15 kV/mm	36 months	–	Yes	Yes	
RELICON Religel Clear									
Religel Clear	10 min. 23 °C	–	-60 °C to +200 °C	24.5 kV/mm	Unlimited	–	–	–	
RELICON Religel Plus									
Religel Plus	5 min. 23 °C	–	-60 °C to +200 °C	25.5 kV/mm	Unlimited	–	–	–	



	Vibrations absorbing	Colour	Viscosity
	–	Green (GN)	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	Transparent (CL), Orange (OG)	2000 mPa*s, 5 °C (EN ISO 2555), 1500 mPa*s, 23 °C (EN ISO 2555)
	Yes	Transparent (CL), Yellow (YE)	3000 mPa*s, 5 °C (EN ISO 2555), 2000 mPa*s, 23 °C (EN ISO 2555)
	Yes	Transparent (CL)	1000 mPa*s, 23 °C (EN ISO 2555)
	Yes	Green (GN), Transparent (CL)	1000 mPa*s, 23 °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 (PUR)
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



TYPE	Resin Quantity	Article-No.
Resin-33-SF-N	95 ml/130 g	435-12112
	165 ml/226 g	435-12113
	240 ml/329 g	435-12114
	400 ml/548 g	435-12115
	455 ml/623 g	435-12116
	490 ml/671 g	435-12117
	655 ml/897 g	435-12118
	955 ml/1308 g	435-12119
	1140 ml/1562 g	435-12120
	1445 ml/1980 g	435-12121
	1950 ml/2672 g	435-12122

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



Two-component polyurethane cast resin

RELICON PUR 771

The RELICON PUR 771 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
- 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 771.

MATERIAL	Polyurethane resin (PUR)
Colour	Black (BK)
Operating Temperature	-25 °C to +130 °C
Mixing Ratio (weight)	100:22
Exothermicity max.	+71 °C
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. 23 °C
Dielectric Strength	>20 kV/mm
Viscosity	4000 mPa*s, 5 °C (EN ISO 2555), 2000 mPa*s, 23 °C (EN ISO 2555)
Impact Strength	16 kJ/m ²
Shore Hardness D	56±5
Storage Temperature	+4 °C to +40 °C
Shelf Life	36 months



TYPE	Resin Quantity	Article-No.
Resin-771-SF_N	95 ml/130 g	435-01238
	165 ml/226 g	435-01239
	240 ml/329 g	435-01240
	400 ml/548 g	435-01241
	455 ml/623 g	435-01242
	490 ml/671 g	435-01243
	655 ml/897 g	435-01244
	955 ml/1308 g	435-01245
	1140 ml/1562 g	435-01246
	1445 ml/1980 g	435-01247
	1950 ml/2672 g	435-01248

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	Polybutadiene (PBD)
Colour	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-KH67-SF-N	180 ml	435-00825
	250 ml	435-00826
	600 ml	435-00827
	750 ml	435-00828
	1,200 ml	435-00829

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



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RELICON Reliseal gel cable joints: for connections under extreme conditions

Reliseal gel cable joints are designed for reliability and robustness under the toughest conditions. They are tested to IP68 (waterproof to 10 meters) and as feature an integrated strain relief mechanism that ensures maximum protection, insulation and sealing of cable connections in extreme environments.

RELICON Reliseal is tested according to EN 60529:1991.

Ready-to-use out of the box, installing is quick and easy.





Straight-through gel cable joints with connectors

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. In general connections in industrial buildings, underground, submerged, outdoor, indoor and in wiring ducts.

Features and benefits

- Moulding shell: one piece, re-openable, impact-proof, flame retardant
- 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
- Tested according to EN 50393 and EN 60529

Content of Set / Kit

- Moulding shells filled with RELICON gel
- Cable gland system for strain relief and transverse waterproofing
- Adapter seals for a bigger range of cable diameters
- Installation instructions
- Connectors



Reliseal gel cable joint, available in three sizes.



Gel cable joint Reliseal V 56.



Gel cable joint Reliseal V 510.

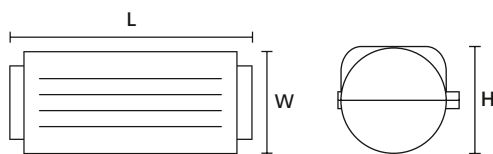


Gel cable joint Reliseal V 525.



www.HellermannTyton.com/reliseal-relicon-bro20

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



Reliseal V

i With connector!

i IP68, 10 meter

TYPE	Ø Main Cable	Main Cable mm ² min - max		Length (L)	Width (W)	Height (H)	Article-No.
Reliseal V56	12-18	3 x 2.5	5 x 6	190.0	60.0	47.0	435-01660
Reliseal V510	14-21	3 x 4	5 x 10	235.0	69.0	49.0	435-01661
Reliseal V525	20-30	3 x 10	5 x 25	310.0	88.0	60.0	435-01662

Subject to technical changes.

RELICON Relilight gel cable joints: specially designed for the needs of lighting installers to connect and branch small conductor cross-sections

Relilight gel cable joints are designed for safely connecting or tap off small cable cross-sections commonly used in lighting installations. Relilight's compact dimensions, integrated strain relief and IP68 safety class make it an ideal product for reliable connections in confined spaces and under wet conditions.

RELICON Relilight is tested to EN 6099. It is resistant to ageing and weathering and withstands temperatures from -30 to +130 °C.





Straight-through and branch gel cable joints with connectors

RELICON Relilight

Relilight gel cable joints are designed for light installations, LED lighting as well. They are tested according to EN 60998-2-1: 2004 and offer IP68 protection class. The moulding shells are also flame retardant. Depending on the connector type, Relilight can be used either for straight-through or as branch joints. They are suitable for jointing on polymeric cables and wires made of PVC, XLPE, PE, EPR etc. The silicone based gel in the Relilight cable joints not only provides excellent insulation but also a simple, effortless installation.

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



Relilight gel cable joint.

Features and benefits

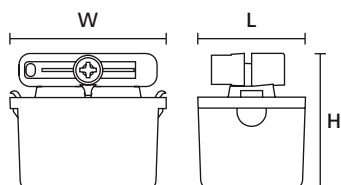
- Moulding shell: two piece, black, re-openable, with strain relief, flame retardant, protection class IP68, 1.3 m
- Filled with Relicon non-toxic gel, high dielectric strength
- No mixing, ready to assembly
- Compact dimensions, with connector
- Unlimited shelf life
- Certified according to EN 60998-2-1:2004

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



Content of Set / Kit

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



i With connector block!

i IP68, 1.3 meter

TYPE	Ø Main Cable	Main Cable mm ²		Branch Cable mm ²		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
		min	max	min	max					
Relilight V2.75I1	4.8-6	2 x 0.35	2 x 0.75	-	-	250V	44.0	18.0	17.5	435-01650
Relilight V31.5U1	8.0-10	3 x 0.5	3 x 1.5	-	-	250V	38.0	42.5	29.5	435-01653
Relilight V32.5I2	6.5-12	3 x 0.5	3 x 2.5	-	-	250V	100.0	24.0	29.0	435-01651
Relilight V32.5P1	6.5-12	3 x 0.5	3 x 2.5	3 x 0.5	3 x 2.5	250V	105.0	44.0	24.0	435-01655
Relilight V34P2	7.5-16	3 x 1.5	3 x 4	3 x 1.5	3 x 4	450V	138.0	78.0	35.0	435-01657
Relilight V36P2	7.5-16	3 x 1.5	3 x 6	3 x 1.5	3 x 6	450V	138.0	78.0	35.0	435-01658
Relilight V41.5P1	6.5-12	4 x 0.5	4 x 1.5	4 x 0.5	4 x 1.5	250V	105.0	44.0	24.0	435-01656
Relilight V41U1	8.0-10	6 x 0.35	6 x 0.5	-	-	250V	38.0	42.5	29.5	435-01654
Relilight V61.5I2	6.5-12	6 x 0.5	6 x 1.5	-	-	250V	100.0	24.0	29.0	435-01652

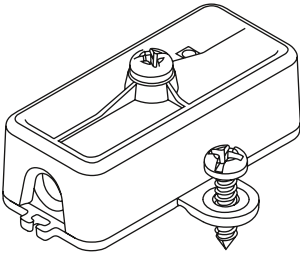
Subject to technical changes.



RELICON Relilight V 2.75 I1

Content of Set / Kit

- Moulding shells filled with RELICON gel
- Installation instructions
- Connector block 2 x 0.35 mm² to 2 x 0.75 mm²
- Screw



Relilight V 2.75 I1



Gel cable joint Relilight V 2.75 I1.

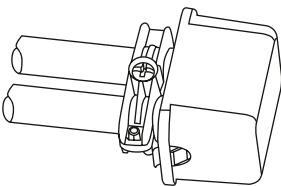
TYPE	Ø Main Cable	Main Cable mm ² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
Relilight V2.75I1	4.8-6	2 x 0.35	2 x 0.75	250V	44.0	18.0	17.5	435-01650

All dimensions in mm. Subject to technical changes.

RELICON Relilight V 31.5 U1

Content of Set / Kit

- Moulding shells filled with RELICON gel
- Installation instructions
- Connector block 3 x 0.5 mm² to 3 x 1.5 mm²
- Screw



Relilight V 31.5 U1



Gel cable joint Relilight V 31.5 U1.

TYPE	Ø Main Cable	Main Cable mm ² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
Relilight V31.5U1	8.0-10	3 x 0.5	3 x 1.5	250V	38.0	42.5	29.5	435-01653

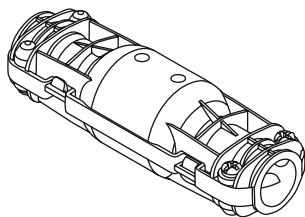
All dimensions in mm. Subject to technical changes.



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 32.5 I2



Gel cable joint Relilight V 32.5 I2.

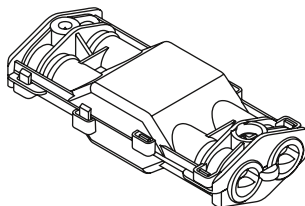
TYPE	Ø Main Cable	Main Cable mm ² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
		3 x 0.5	3 x 2.5					
Relilight V32.5I2	6.5-12	3 x 0.5	3 x 2.5	250V	100.0	24.0	29.0	435-01651

All dimensions in mm. Subject to technical changes.

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 V32.5P1	6.5-12	3 x 0.5	3 x 2.5	3 x 0.5	3 x 2.5	250V	105.0	44.0	24.0	435-01655

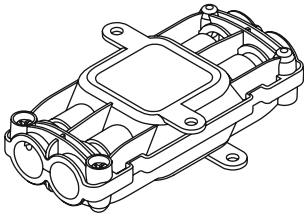
All dimensions in mm. Subject to technical changes.



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.

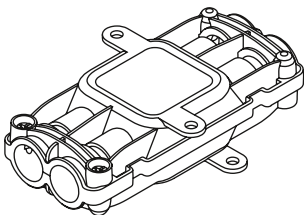
TYPE	Ø Main Cable	Main Cable mm ² min - max		Branch Cable mm ² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
		3 x 1.5	3 x 4	3 x 1.5	3 x 4					
Relilight V34P2	7.5-16	3 x 1.5	3 x 4	3 x 1.5	3 x 4	450V	138.0	78.0	35.0	435-01657

All dimensions in mm. Subject to technical changes.

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 V36P2	7.5-16	3 x 1.5	3 x 6	3 x 1.5	3 x 6	450V	138.0	78.0	35.0	435-01658

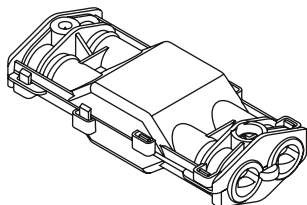
All dimensions in mm. Subject to technical changes.



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.

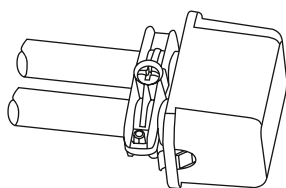
TYPE	Ø Main Cable	Main Cable mm ² min - max		Branch Cable mm ² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
		4 x 0.5	4 x 1.5	4 x 0.5	4 x 1.5					
Relilight V41.5P1	6.5-12	4 x 0.5	4 x 1.5	4 x 0.5	4 x 1.5	250V	105.0	44.0	24.0	435-01656

All dimensions in mm. Subject to technical changes.

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.
		6 x 0.35	6 x 0.5					
Relilight V41U1	8.0-10	6 x 0.35	6 x 0.5	250V	38.0	42.5	29.5	435-01654

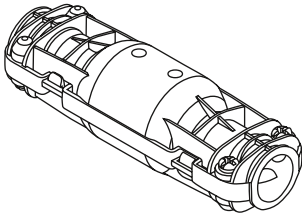
All dimensions in mm. Subject to technical changes.



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.
Relilight V61.5I2	6.5-12	6 x 0.5	6 x 1.5	250V	100.0	24.0	29.0	435-01652

All dimensions in mm. Subject to technical changes.

The ideal insulating tape for 1001 very cold nights.

So cool. On icy construction sites that really put the endurance of people and materials to the test – that's where HelaTape Flex 1000+ premium insulating tape really shows its strengths. Developed and produced by us, it adheres despite condensation and stays pliable down to -18°C . A low temperature record.



HellermannTyton.com/helatape-relicon-bro20

MADE FOR REAL



RELICON Relifix gel cable joints: quick and effortless application

RELICON gel cable joints, which are used for cable connections above and below ground, consists of a robust polypropylene sleeve plus RELICON gel. RELICON gel products comply with the highest electrical engineering requirements and provide mechanical protection, insulation and sealing in a single workstep. The installer saves time and needs no special tools. RELICON gel cable joints can be used up to conductor temperatures of +90 °C. The material is non-hazardous and has an unlimited shelf-life. RELICON gel cable joints are suitable for straight-through or branch connections. They are available in different sizes, covering the common range of conductor cross sections. The products comply with the major European standards EN 50393 (corresponding to DIN VDE 0278).





Straight-through gel cable joints without connectors

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.

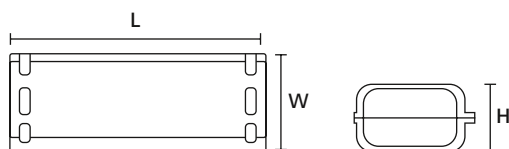
Application: In low-voltage electrical networks as straight-through and/or branch joint, e.g. underground, submerged, outdoor, indoor and wiring ducts.

Features and benefits

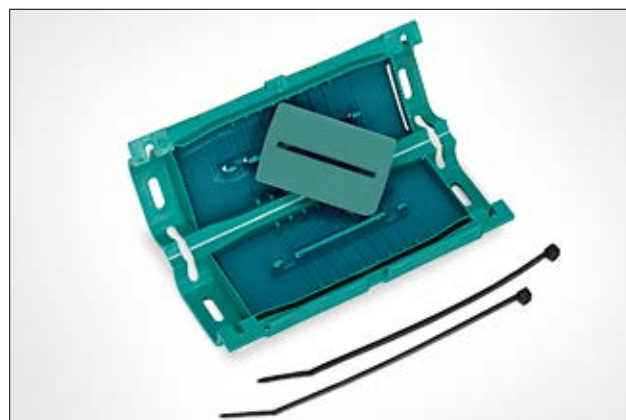
- Moulding shell: One piece, coloured, re-openable, impact-proof, flame retardant
- Filled with Relicon non-toxic gel, high dielectric strength
- No mixing, easy to install
- UV, ageing and weather resistant
- Unlimited shelf life
- Up to max. 4 cores
- Tested according to EN 50393 (corresponds to DIN VDE 0278-393)
- IPX8 tested

Content of Set / Kit

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



Relifix 410, 416



Gel cable joint Relifix 410, 416.

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



i Without connector block!



www.HellermannTyton.com/relifix-relicon-bro20

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 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

All dimensions in mm. Subject to technical changes.



Straight-through gel cable joints with connectors

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.

Features and benefits

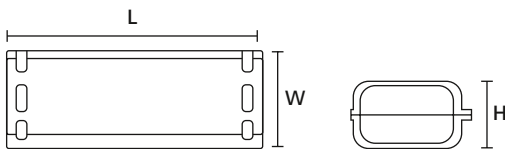
- Moulding shell: One piece, coloured, re-openable, impact-proof, flame retardant
- Filled with Relicon non-toxic gel, high dielectric strength
- No mixing, easy to install
- UV, ageing and weather resistant
- Unlimited shelf life
- With connector, ready for assemble
- Tested according to EN 50393 (corresponds to DIN VDE 0278-393)
- IPX8 tested

Content of Set / Kit

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



With connector block!



Relifix V



Gel cable joint Relifix V in use as a cable repair.



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.

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



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 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 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 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

Subject to technical changes.



Straight-through gel cable joints with connectors

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.



Relicon Relifix VY gel cable joint.

Features and benefits

- Moulding shell: One piece, coloured, re-openable, impact-proof, flame retardant
- 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 assemble
- Tested according to EN 50393 (corresponds to DIN VDE 0278-393)
- IPX8 tested

Content of Set / Kit

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



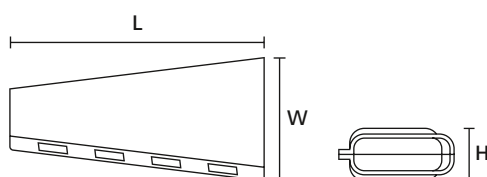
Gel cable joint Relifix V 525Y.



Gel cable joint Relifix V 506Y.

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

RoHS



Relifix VY

i With connector block!

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 V506Y	9-20	3 x 6	5 x 6	3 x 2.5	5 x 6	220.0	110.0	53.0	435-00658
Relifix V525Y	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.

RELICON two-component gels: individually dosable – quick to handle

RELICON two-component gels offer excellent insulating properties, good chemical resistance and excellent resistance to moisture.

Versatile use – for example encapsulating electronic components – the product is quick to handle and can be easily dosed according to individual requirements.



RELICON Religel Clear

Religel Clear

RELICON Religel Clear is a transparent, soft elastic two-component silicone gel. It is packed in practical bottles or canisters including measuring cup and mixing stick.

LED potting technology, Encapsulation of printed circuit boards, Installation of electrical connections, Belowground or submerged, Model-making and hobby applications

Features and benefits

- Optimal visual control through transparent material
- Crystal clear gel after curing, excellent insulating properties, suitable for LED applications
- Multiple use possible, mixing ratio 1:1
- Excellent flow and insulating properties
- Excellent moisture and chemical resistance
- Soft elastic, vibration absorbing and removable residue-free



RELICON Religel Clear, Transparent and heat-resistant two-component silicone gel.



Two-component silicone gel Religel.

MATERIAL	Silicone (SI)
Colour	Transparent (CL)
Operating Temperature	-60 °C to +200 °C
Mixing Ratio (weight)	1:1
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	>25 kV/mm
Viscosity	1000 mPa*s, 23 °C (EN ISO 2555)
Storage Temperature	+4 °C to +40 °C
Shelf Life	Unlimited



TYPE	Pack Cont.	Article-No.
Religel Clear 500	500 ml	435-00757
Religel Clear 1.000	1,000 ml	435-00754

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



RELICON Religel Plus

Religel Plus

Electrical insulation in low-voltage applications, Encapsulation of cables and wires in junction boxes, Building and household installations, Belowground, submerged

Features and benefits

- Timesaving due to fast curing time
- Stable up to 200 °C
- Visual control of the homogenous mixture indicated by green-coloured component B
- Multiple use possible, mixing ratio 1:1
- Excellent flow and insulating properties
- Excellent moisture and chemical resistance
- Soft elastic, vibration absorbing and removable residue-free



RELICON Religel Plus - Fast curing and heat resistant two-component silicone gel.

MATERIAL	Silicone (SI)
Colour	Green (GN), Transparent (CL)
Operating Temperature	-60 °C to +200 °C
Mixing Ratio (weight)	1:1
Gel Time	12 min. 23 °C
Pot Life	5 min. 23 °C
Density	0.97 g/cm ³ , 20 °C (DIN EN ISO 2811-2)
Dielectric Strength	>25 kV/mm
Viscosity	1000 mPa*s, 23 °C (EN ISO 2555)
Storage Temperature	+4 °C to +40 °C
Shelf Life	Unlimited



TYPE	Pack Cont.	Article-No.
Religel Plus 500	500 ml	435-00756
Religel Plus 1.000	1,000 ml	435-00752
Religel Plus 10.000	10,000 ml	435-00753

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	Polybutadiene (PBD)
Colour	Transparent (CL), Orange (OG)
Operating Temperature	-40 °C to +90 °C
Mixing Ratio (weight)	1:1
Gel Time	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!



TYPE	Pack Cont.	Article-No.
Gel Mixing Nozzle	10 pc.	435-00836
Gel-100 250ml	250 ml	435-00835
Gel-100 600ml	600 ml	435-00837

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



One-component gel

RELICON 1 K Gel

Transparent 1-component silicone gel for the electrical insulation of junction boxes and electronic components. Particularly suitable for use in overhead installations and in damp or humid environments.

Features and benefits

- Ready-to-use, green-transparent silicone gel in cartridge
- Extremely sticky and not dripping
- Very strong adhesion makes it suitable for overhead installation
- Stitch channel closes again, the gel is self-healing
- Recoverable and removable
- Resealable cartridge allows multiple use
- Label-free and non-toxic
- Halogen free
- isocyanate free



1-component gel in cartridge.

MATERIAL	Silicone (SI)
Colour	Green (GN), Transparent (CL)
Operating Temperature	-60 °C to +200 °C
Dielectric Strength	10 kV/mm
Viscosity	3000 mPa*s, 23 °C (EN ISO 2555)
Shelf Life	Unlimited



TYPE	Pack Cont.	Article-No.
Pressgel	1 pcs.	435-00838

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



Accessories

Connectors

Mechanical connector, tin-plated	with blind hole for Al and CU conductors	58
Tap connector, insulated	for insulated aluminium and copper conductors	60
	for insulated copper conductors	60

Connector blocks

RELICON Premium	59
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Hand cleaning tissues

RELICON Reliclean	61
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Connectors

Mechanical connector, tin-plated, with blind hole for Al and CU conductors

Galvanised mechanical connector provided with a blind hole and suitable for stranded and solid aluminium and copper conductors in all kind of cable accessories. They also comply with DIN 4740 requirements for shrinking technology.

Features and benefits

- For connecting different conductor cross-sections
- Suitable for aluminium and copper conductors
- With blind hole for precise conductor insertion
- Tin-plated connector body and hexagon socket screws



Mechanical connectors without barrier.

TYPE	Conductor Size Range mm ²	Ø (D)	Length (L)	Pack Cont.	Article-No.
Connector 1506	1.5-6	7.0	25.0	1	435-01507
Connector 1516	1.5-16	10.0	30.0	1	435-01508
Connector 635	6-35	14.0	40.0	1	435-01509
Connector 650	6-50	18.0	40.0	1	435-01510
Connector 2515	25-150	28.0	70.0	1	435-01512

All dimensions in mm. Subject to technical changes.



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.

TYPE	Conductor Size Range mm ²	Article-No.
SV1	1.5-6	435-01407
SV2	1.5-16	435-01408
SV3	6-35	435-01409

All dimensions in mm. Subject to technical changes.



Connectors

Tap connector, insulated, for insulated aluminium and copper conductors

Insulated tap connector for screwing stranded and solid insulated aluminium and copper conductors.

Features and benefits

- Suitable for insulated aluminium and copper conductors
- One bolt type, insulated



Tap connector, insulated, for copper and aluminium conductors.

TYPE	Conductor Size Range mm ²	Width (W)	Mounting Screw Type	Pack Cont.	Article-No.
Tap Connector 1516	1.5-16.0	26.0	M6	50 pcs.	435-01558

All dimensions in mm. Subject to technical changes.

Connectors

Tap connector, insulated, for insulated copper conductors

Insulated tap connector for screwing stranded and solid insulated copper conductors.

Features and benefits

- Suitable for insulated copper conductors
- One bolt type, insulated



Tap connector, insulated, for copper conductors.

TYPE	Conductor Size Range mm ²	Width (W)	Mounting Screw Type	Pack Cont.	Article-No.
Tap Connector 1510	1.5-10.0	23.0	M5	20 pcs.	435-01559

All dimensions in mm. Subject to technical changes.



Hand cleaning tissues

RELICON Reliclean

RELICON Reliclean is an antibacterial, degreasing and quickly drying hand cleaning tissue. Suitable especially for workshops, industry and areas where hands and surfaces are strongly soiled. Ideal for cleaning heavily soiled hands, tools and equipment. Removes e.g. polyurethane, grease, oils, glue, bitumen, wax, soot, ink, sealants, paints, brake dust, coal dust etc.

Features and benefits

- Tissue size 27 x 31 cm
- Strong one-step cleaning action
- Easily removes stubborn dirt
- Binds dirt without leaving any residue
- Reliclean restores natural oils and dries quickly
- Tissue are biodegradable
- Antibacterial, non-toxic and non-irritating
- Free of harmful substances



Cleaning tissue Reliclean.

TYPE	Pack Cont.	Article-No.
Reliclean	72 pcs.	435-01601

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



A large grid of small dots for taking notes, consisting of approximately 30 columns and 40 rows.



A large grid of small dots for taking notes, covering the majority of the page.



A large grid of small dots for taking notes, consisting of approximately 30 columns and 80 rows.



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MADE FOR REAL[🌐]
**Inspired by
needs**

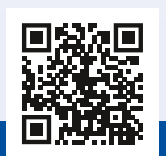
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Europe

 **HellermannTyton GmbH – Austria**
Rennbahnweg 65
1220 Vienna
Tel.: +43 12 59 99 55-0
Fax: +43 12 59 99 11
Email: office@HellermannTyton.at
www.HellermannTyton.at


 **HellermannTyton – Bulgaria**
Email: officeBG@HellermannTyton.at
www.HellermannTyton.bg

 **HellermannTyton – Czech Republic**
Email: officeCZ@HellermannTyton.at
www.HellermannTyton.cz

 **HellermannTyton – Denmark**
Industrivej 44A, 1.
4000 Roskilde
Tel.: +45 702 371 20
Fax: +45 702 371 21
Email: htdk@HellermannTyton.dk
www.HellermannTyton.dk

 **HellermannTyton – Finland**
Äyritie 12 B
01510 Vantaa
Tel.: +358 9 8700 450
Fax: +358 9 8700 4520
Email: myynti@HellermannTyton.fi
www.HellermannTyton.fi

 **HellermannTyton S.A.S. – France**
2 rue des Hêtres - CS 80543
78197 Trappes Cedex
Tel.: +33 1 30 13 80 00
Fax: +33 1 30 13 80 60
Email: info@HellermannTyton.com
www.HellermannTyton.fr

 **HellermannTyton GmbH – Germany**
Großer Moorweg 45
25436 Tornesch
Tel.: +49 4122 701-0
Fax: +49 4122 701-400
Email: info@HellermannTyton.de
www.HellermannTyton.de


 **HellermannTyton KFT – Hungary**
Kisfaludy u. 13
1044 Budapest
Tel.: +36 1 369 4151
Fax: +36 1 369 4151
Email: officeHU@HellermannTyton.at
www.HellermannTyton.hu


 **HellermannTyton Ltd – Ireland**
Unit A5 Cherry Orchard
Business Park
Ballyfermot, Dublin 10
Tel.: +353 1 626 8267
Fax: +353 1 626 8022
Email: sales@HellermannTyton.ie
www.HellermannTyton.co.uk


 **HellermannTyton S.r.l. – Italy**
Via Visco, 3/5
35010 Limena (PD)
Tel.: +39 049 767 870
Fax: +39 049 767 985
Email: info@HellermannTyton.it
www.HellermannTyton.it

 **HellermannTyton B.V. – Belgium/Netherlands**
Vanadiumweg 11-C
3812 PX Amersfoort
Tel.: +31 33 460 06 90
Fax: +31 33 460 06 99
Email (NL): info@HellermannTyton.nl
Email (BE): info@HellermannTyton.be
www.HellermannTyton.nl
www.HellermannTyton.be

 **HellermannTyton AS – Norway**
Nils Hansens vei 13
0667 Oslo
Tel.: +47 23 17 47 00
Email: firmapost@HellermannTyton.no
www.HellermannTyton.no

 **HellermannTyton Sp. z o.o. – Poland**
Kotunia 111
62-400 Ślupca
Tel.: +48 63 2237 111
Fax: +48 63 2237 110
Email: info@HellermannTyton.pl
www.HellermannTyton.pl

 **HellermannTyton – Romania**
Email: officeRO@HellermannTyton.at
www.HellermannTyton.ro

 **OOO HellermannTyton – Russia**
40/4, Pulkovskoe road
BC Technopolis Pulkovo, office A 8081
196158, St. Petersburg
Tel.: +7 812 386 00 09
Fax: +7 812 386 00 08
Email: info@HellermannTyton.ru
www.HellermannTyton.ru

 **HellermannTyton – Slovenia**
Branch Office Ljubljana
Podružnica Ljubljana, Ukmarjeva 2
1000 Ljubljana
Tel.: +386 1 433 70 56
Fax: +386 1 433 63 21
Email: officeSI@HellermannTyton.at
www.HellermannTyton.si

 **HellermannTyton España s.l. – Spain / Portugal**
Avda. de la Industria 37 2º 2
28108 Alcobendas, Madrid
Tel.: +34 91 661 2835
Fax: +34 91 661 2368
Email:
HellermannTyton@HellermannTyton.es
www.HellermannTyton.es

 **HellermannTyton AB – Sweden**
Isafjordsgatan 5
16440 Kista
Tel.: +46 8 580 890 00
Fax: +46 8 580 348 02
Email: kundsupport@HellermannTyton.se
www.HellermannTyton.se

 **HellermannTyton Engineering GmbH – Turkey**
Saray Mah Dr. Adnan Büyükdüz Cad. No:4
Akkom Office Park 2. Blok Kat: 10
34768 Ümraniye-Istanbul
Tel.: +90 216 687 03 40
Fax: +90 216 250 32 32
Email: info@HellermannTyton.com.tr
www.HellermannTyton.com.tr

 **HellermannTyton Ltd – UK**
William Prance Road
Plymouth International Medical
and Technology Park
Plymouth, Devon PL6 5WR
Tel.: +44 1752 701 261
Fax: +44 1752 790 058
Email: info@HellermannTyton.co.uk
www.HellermannTyton.co.uk

 **HellermannTyton Ltd – UK**
Sharston Green Business Park
1 Robeson Way
Altrincham Road, Wythenshawe
Manchester M22 4TY
Tel.: +44 161 947 2200
Fax: +44 161 947 2220
Email: sales@HellermannTyton.co.uk
www.HellermannTyton.co.uk

 **HellermannTyton Ltd – UK**
Cley Road, Kingswood Lakeside
Cannock, Staffordshire
WS11 8AA
Tel.: +44 1543 728282
Fax: +44 1543 728284
Email: info@HellermannTyton.co.uk
www.HellermannTyton.co.uk


 **HellermannTyton Data Ltd – UK**
Waterside House, Edgar Mobbs Way
Northampton NN5 5JE
Tel.: +44 1604 707 420
Fax: +44 1604 705 454
Email: sales@htdata.co.uk
www.htdata.co.uk

Middle East

 **HellermannTyton – UAE**
Email: info@HellermannTyton.ae
www.HellermannTyton.ae

North America

 **HellermannTyton – Canada**
Tel.: +1 905 726 1221
Fax: +1 905 726 8538
Email: sales@HellermannTyton.ca
www.HellermannTyton.ca

 **HellermannTyton – Mexico**
Tel.: +52 333 133 9880
Fax: +52 333 133 9861
Email: info@HellermannTyton.com.mx
www.HellermannTyton.com


 **HellermannTyton – USA**
Tel.: +1 414 355 1130
Fax: +1 414 355 7341
Email: corp@htamericas.com
www.HellermannTyton.com


South America


 **HellermannTyton – Argentina**
Tel.: +54 11 4754 5400
Fax: +54 11 4752 0374
Email: ventas@HellermannTyton.com.ar
www.HellermannTyton.com.ar


 **HellermannTyton – Brazil**
Tel.: +55 11 4815 9000
Fax: +55 11 4815 9030
Email: vendas@HellermannTyton.com.br
www.HellermannTyton.com.br


Asia-Pacific

 **HellermannTyton – Australia**
Tel.: +61 2 9525 2133
Fax: +61 2 9526 2495
Email: cservice@HellermannTyton.com.au
www.HellermannTyton.com.au


 **HellermannTyton – China**
Tel.: +86 510 8528 2536
Fax: +86 510 8528 2731
Email: cservice@HellermannTyton.com.cn
www.HellermannTyton.com.cn


 **HellermannTyton – Hong Kong**
Tel.: +852 2831 9090
Fax: +852 2832 9381
Email: cservice@HellermannTyton.com.hk
www.HellermannTyton.com.sg


 **HellermannTyton – India**
Tel.: +91 120 413 3384
Email: cservice@HellermannTyton.co.in
www.HellermannTyton.co.in

 **HellermannTyton – Japan**
Tel.: +81 3 5790 3111
Fax: +81 3 5790 3112
Email: mkt@hellermanntyton.co.jp
www.HellermannTyton.co.jp


 **HellermannTyton – Republic of Korea**
Tel.: +82 32 833 8012
Fax: +82 32 833 8013
Email: cservice@HellermannTyton.co.kr
www.HellermannTyton.co.kr

 **HellermannTyton – Philippines**
Tel.: +63 2 752 6551
Fax: +63 2 752 6553
Email: cservice@HellermannTyton.com.ph
www.HellermannTyton.com.ph

 **HellermannTyton – Singapore**
Tel.: +65 6 586 1919
Fax: +65 6 752 2527
Email: cservice@HellermannTyton.sg
www.HellermannTyton.com.sg

 **HellermannTyton – Thailand**
Tel.: +662 237 6702 / 266 0624
Fax: +662 266 8664
Email: cservice@HellermannTyton.co.th
www.HellermannTyton.com.sg

Africa

 **HellermannTyton – South Africa**
Tel.: +27 11 879 6600
Fax: +27 11 879 6603
Email: jhb.sales@HellermannTyton.co.za
www.HellermannTyton.co.za

