

RELICON – Innovative Cast Resin and Gel Technology

For Reliable Cable Connections



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.



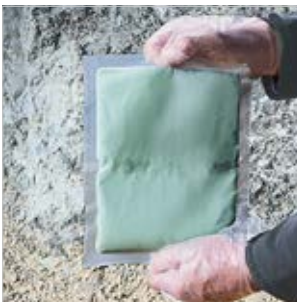
Transparent 2-chamber pouch for a optimized visual inspection of the mixing process.



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)



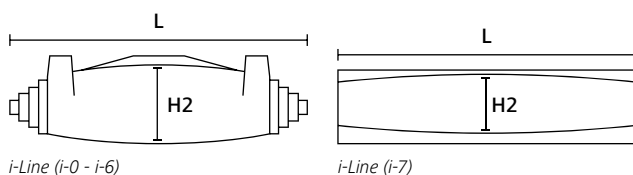
Straight-through joints i-Line SF (safe-filling) / Straight through joints i-A Line SF (safe-filling) – Armoured.

| 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 |

RoHS ✓



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

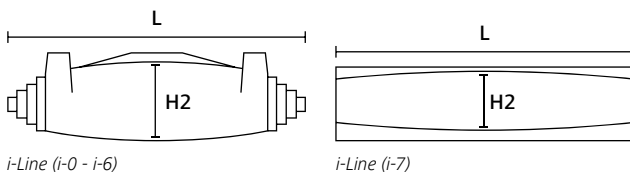
- Two-part, impact-proof, transparent moulding shells
- Compact, optimized dimensions
- Standard cable diameters indicated on the shells
- Safe-Filling system (SF)
- Immediately ready for use
- Longitudinally and transversely watertight
- Joint can be submerged directly after casting

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



Without connector!



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

i-Line (i-7)



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.

| | |
|------------------------------|--------------------------|
| 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.



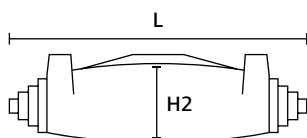
SV-Connector blocks.

| | |
|------------------------------|--------------------------|
| 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 |

RoHS ✓



**With
connector!**



i-Line Premium

| TYPE | Ø Main Cable | Main Cable mm ² min - max | | Length (L) | Height (H2) | Resin Quantity | Article-No. |
|------------------|--------------|---|--------|------------|-------------|----------------|-------------|
| 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

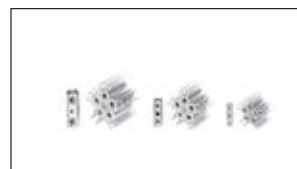
- Cast resin PUR 33 with "colour change" in a transparent two-chamber pouch
- PP Moulding shells, transparent
- Connector block with 6 mechanical connectors pre-installed
- Earthing braid and constant force springs for armour continuity
- SF-filling system and adapter
- Emery cloth for roughening the 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.



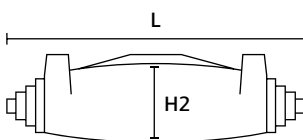
(2) Constant force springs with copper earthing braid.



SV-Connector blocks.



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)



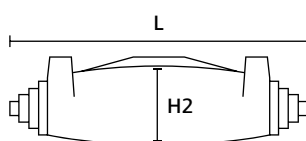
Straight-through joints i-Line SF (safe-filling) / Straight through joints i-A Line SF (safe-filling) – Armoured.

| | |
|------------------------------|--------------------------|
| 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 |

RoHS ✓



Without connector!



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

| TYPE | Ø Main Cable | Main Cable mm ² min - max | | Length (L) | Height (H2) | Resin Quantity | Article-No. |
|------------|--------------|---|---------|------------|-------------|--------------------|-------------|
| 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"



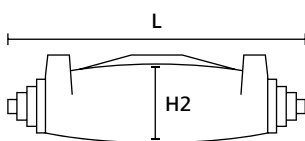
Straight-through joints i-Line SF (safe-filling) / Straight through joints i-A Line SF (safe-filling) – Armoured.

| | |
|------------------------------|--------------------------|
| 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 |

RoHS ✓



**With
connector!**



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

| TYPE | Ø Main Cable | Main Cable mm ² min - max | | Length (L) | Height (H2) | Resin Quantity | Article-No. |
|----------------|--------------|---|--------|------------|-------------|----------------|-------------|
| 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

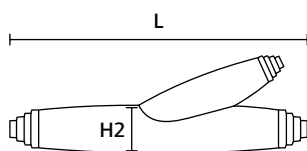


Branch joint Y-Line SF (safe filling) / Branch joint Y-A Line SF (safe filling) – Armoured.

| | |
|------------------------------|--------------------------|
| 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 |

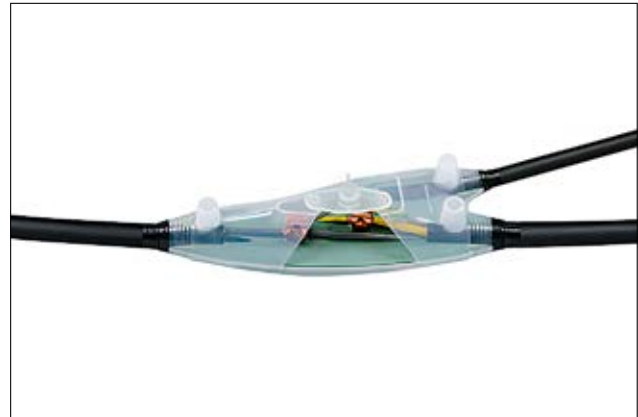
All dimensions in mm. Subject to technical changes.



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

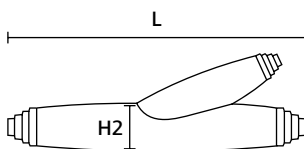
- Cast resin PUR 33 with “colour change” in a transparent two-chamber pouch
- PP Moulding shells, transparent
- Earthing braid and constant force springs for armour continuity
- SF-filling system and adapter
- Emery cloth for roughening the cable sheath
- HelaTape-Flex 15 insulating tape
- HelaTape-Power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

RoHS ✓

| 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.

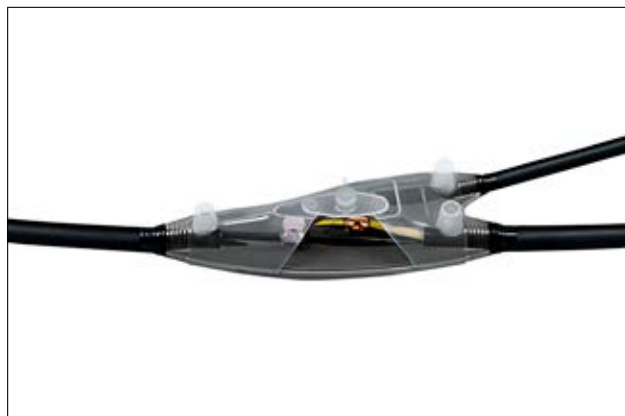
Application: Connections in industrial buildings, power supply in the ground, outdoors and in the water.

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

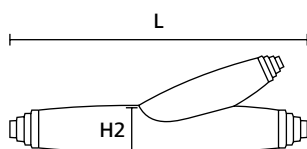


Branch joint Y-Line SF (safe filling) / Branch joint Y-A Line SF (safe filling) – Armoured.

| | |
|------------------------------|--------------------------|
| 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



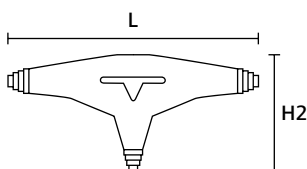
Branch joint T-Line SF (safe filling) / Branch joint T-A Line SF (safe filling) – Armoured.

| | |
|------------------------------|--------------------------|
| 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 |

RoHS ✓



**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

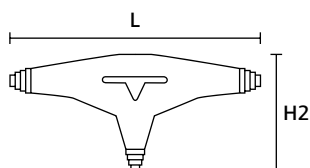
- Two-part, impact-proof, transparent moulding shells
- Compact, optimized dimensions
- Standard cable diameters indicated on the shells
- SF-system
- Immediately ready for use
- Longitudinally and transversely watertight
- Joint can be submerged directly after casting

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



Without branch connector!



T-Line



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



(3) Constant force springs with copper earthing braid.

| | |
|------------------------------|--------------------------|
| 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 |

RoHS ✓

| 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



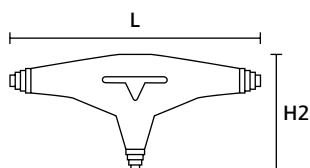
Branch joint T-Line SF (safe filling) / Branch joint T-A Line SF (safe filling) – Armoured.

| | |
|------------------------------|--------------------------|
| 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 |

RoHS ✓



**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.

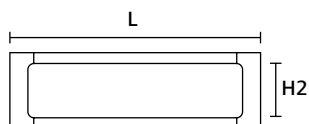
Application: In low-voltage electrical networks as well as for signal and communication cables. For power supply lines for outdoor lighting and for cable repairs. In general connections in industrial buildings, power supply underground, outdoors and under water.

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 |

RoHS ✓



**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. |
|------------|--------------|---|--------|----------------|---|--------|------------|-------------|----------------|-------------|
| 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.

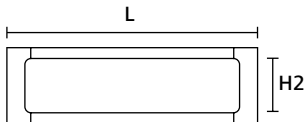
Application: In low-voltage electrical networks as well as for signal and communication cables. For power supply lines for outdoor lighting and for cable repairs. In general connections in industrial buildings, power supply underground, outdoors and under water.

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 |

RoHS ✓



**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. |
|------------|--------------|---|--------|----------------|---|--------|------------|-------------|-------------|
| 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.

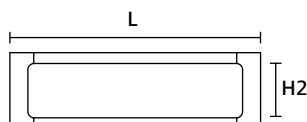
Application: In low-voltage electrical networks as well as for signal and communication cables. For power supply lines for outdoor lighting and for cable repairs. In general connections in industrial buildings, power supply underground, outdoors and under water.

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. |
|------------|--------------|--------------------------------------|--------|----------------|--|--------|------------|-------------|-------------|
| | | | | | | | | | |
| 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.

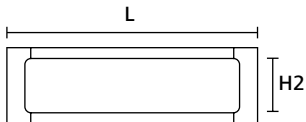
Application: In low-voltage electrical networks as well as for signal and communication cables. For power supply lines for outdoor lighting and for cable repairs. In general connections in industrial buildings, power supply in the ground, outdoors and in the water.

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)



PA-11



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 |

RoHS ✓



**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. |
|------------|--------------|---|--------|----------------|---|--------|------------|-------------|----------------|-------------|
| 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.

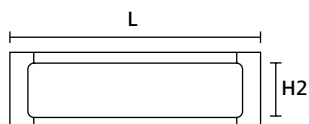
Application: In low-voltage electrical networks as well as for signal and communication cables. For power supply lines for outdoor lighting and for cable repairs. In general connections in industrial buildings, power supply in the ground, outdoors and in the water.

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)



PA-12



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 |

RoHS ✓



**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. |
|------------|--------------|---|--------|----------------|---|--------|------------|-------------|-------------|
| 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.

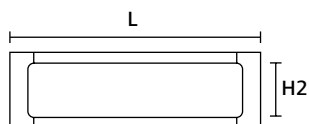
Application: In low-voltage electrical networks as well as for signal and communication cables. For power supply lines for outdoor lighting and for cable repairs. In general connections in industrial buildings, power supply in the ground, outdoors and in the water.

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)



PA-13



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 |

RoHS ✓



**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.

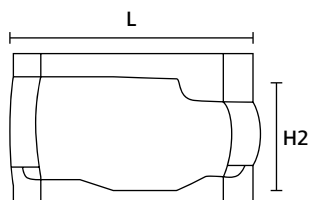
Application: Especially designed branch joint for building and domestic connections to the low-voltage electrical network. Underground, submerged, outdoor, indoor.

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 |

RoHS



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-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.

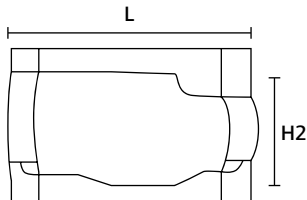
Application: Especially designed branch joint for building and domestic connections to the low-voltage electrical network. Underground, submerged, outdoor, indoor.

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 |

RoHS ✓



**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 | 435-12075 |

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.

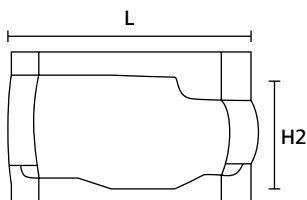
Application: Especially designed branch joint for building and domestic connections to the low-voltage electrical network. Underground, submerged, outdoor, indoor.

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 |

RoHS ✓



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-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

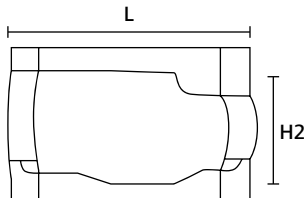
- Cast resin PUR 771
- In a two-chamber pouch
- Transparent moulding shell
- Foam seals, protective gloves, emery cloth
- Cleaning cloth, cable kit, installation instructions
- SF-nozzle (two-chamber pouch)



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 |

RoHS ✓



PAH-2



**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-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.

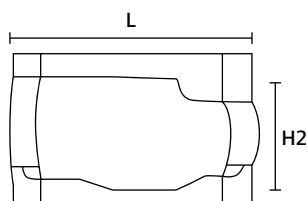
Application: In low-voltage electrical networks as branch joint for building connections. Underground, submerged, outdoor, indoor.

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)



PAH-3



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 |

RoHS ✓



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.

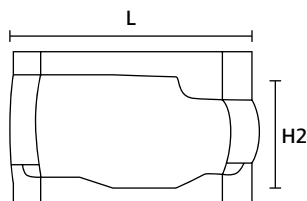
Application: In low-voltage electrical networks as branch joint for building connections. Underground, submerged, outdoor, indoor.

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)



PAH-4



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 |

RoHS ✓



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-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 |

HF ✓

RoHS ✓

| 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



**Silicon
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 |

HF ✓

RoHS ✓

| 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.



Gel Technology

Straight-through gel cable joints with connectors

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Straight-through and branch gel cable joints with connectors

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Straight-through gel cable joints without connectors

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Straight-through gel cable joints with connectors

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Two-component silicone gel

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Two-component gel

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One-component gel

| | |
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| RELICON 1 K Gel | 56 |
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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.

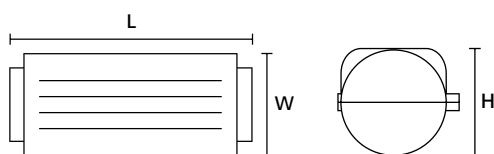


Gel cable joint Reliseal V 525.



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

RoHS ✓



With connector!



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.



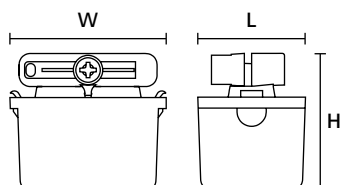
Relilight gel cable joint.

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

Content of Set / Kit

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



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

RoHS ✓



**With
connector block!**



**IP68,
1.3 meter**

| TYPE | Ø Main Cable | Main Cable mm ² min - max | | Branch Cable mm ² min - max | | Voltage range | Length (L) | Width (W) | Height (H) | Article-No. |
|-------------------|--------------------|--|----------|--|---------|------------------|---------------|--------------|---------------|-------------|
| Relilight V2.75I1 | 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 |

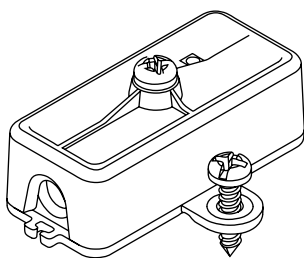
Subject to technical changes.



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.

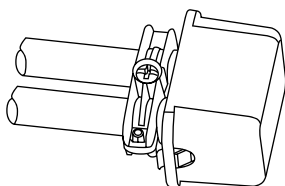
| TYPE | Ø Main Cable | Main Cable mm ² min - max | | Voltage range | Length (L) | Width (W) | Height (H) | Article-No. |
|-------------------|--------------|---|----------|---------------|------------|-----------|------------|-------------|
| Relilight V2.75I1 | 4.8-6 | 2 x 0.35 | 2 x 0.75 | 250V |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

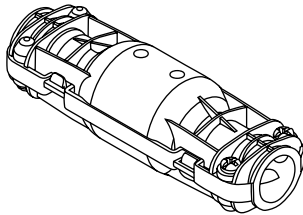
All dimensions in mm. Subject to technical changes.



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.

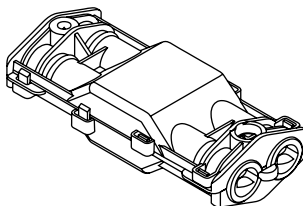
| TYPE | Ø Main Cable | Main Cable mm ² min - max | | Voltage range | Length (L) | Width (W) | Height (H) | Article-No. |
|-------------------|--------------|---|---------|---------------|------------|-----------|------------|-------------|
| Relilight V32.5I2 | 6.5-12 | 3 x 0.5 | 3 x 2.5 | 250V | 100.0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

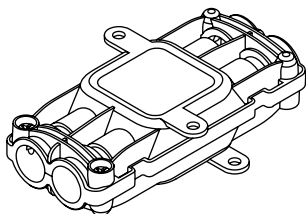
All dimensions in mm. Subject to technical changes.



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.

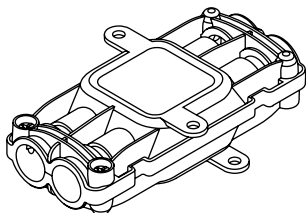
| TYPE | Ø Main Cable | Main Cable mm ² min - max | | Branch Cable mm ² min - max | | Voltage range | Length (L) | Width (W) | Height (H) | Article-No. |
|-----------------|--------------|--------------------------------------|-------|--|-------|---------------|------------|-----------|------------|-------------|
| 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. |
|-----------------|--------------|--------------------------------------|-------|--|-------|---------------|------------|-----------|------------|-------------|
| 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 |

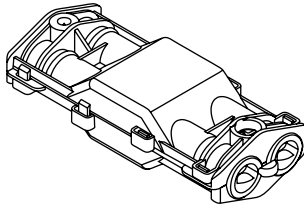
All dimensions in mm. Subject to technical changes.



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.

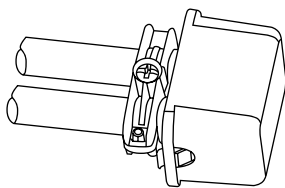
| TYPE | Ø Main Cable | Main Cable mm ² min - max | | Branch Cable mm ² min - max | | Voltage range | Length (L) | Width (W) | Height (H) | Article-No. |
|-------------------|--------------|---|---------|---|---------|---------------|------------|-----------|------------|-------------|
| Relilight V41.5P1 | 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. |
|-----------------|--------------|---|---------|---------------|------------|-----------|------------|-------------|
| Relilight V41U1 | 8.0-10 | 6 x 0.35 | 6 x 0.5 | 250V | 38.0 | 42.5 | 29.5 | 435-01654 |

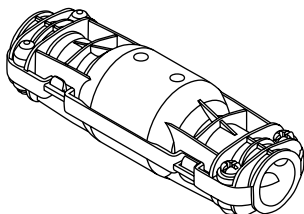
All dimensions in mm. Subject to technical changes.



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](https://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).



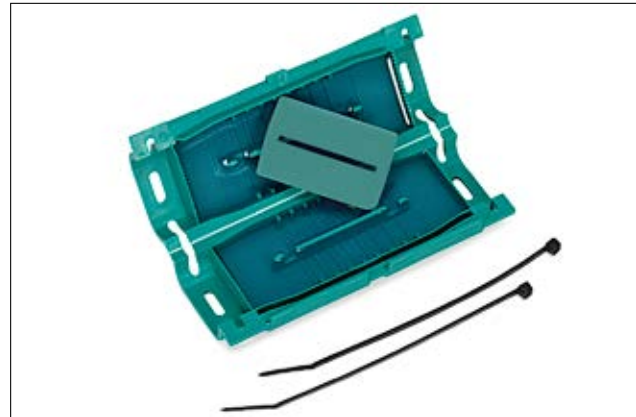


Straight-through gel cable joints without connectors

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.



Gel cable joint Relifix 410, 416.

Features and benefits

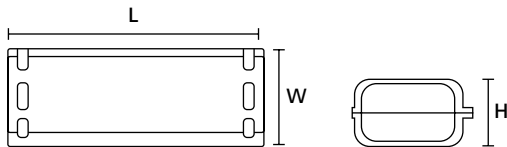
- Moulding shell: One piece, coloured, re-openable, impact-proof, flame retardant
- Filled with Relicon non-toxic gel, high dielectric strength
- No mixing, easy to install
- UV, ageing and weather resistant
- Unlimited shelf life
- Up to max. 4 cores
- Tested according to EN 50393 (corresponds to DIN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

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

RoHS ✓

Content of Set / Kit

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



Relifix 410, 416



**Without
connector block!**



www.HellermannTyton.com/relifix-relicon-bro20

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

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

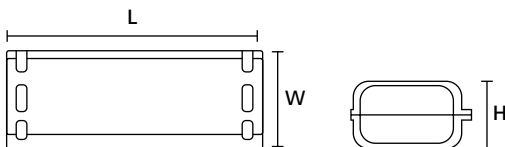
- Moulding shell: One piece, coloured, re-openable, impact-proof, flame retardant
- Filled with Relicon non-toxic gel, high dielectric strength
- No mixing, easy to install
- UV, ageing and weather resistant
- Unlimited shelf life
- With connector, ready for assemble
- Tested according to EN 50393 (corresponds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

RoHS

| TYPE | Ø Main Cable | Main Cable mm ² min - max | | Branch Cable mm ² min - max | | Length (L) | Width (W) | Height (H) | Article-No. |
|---------------|--------------|---|---------|---|-------|------------|-----------|------------|-------------|
| Relifix 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.

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



Relicon Relifix VY gel cable joint.



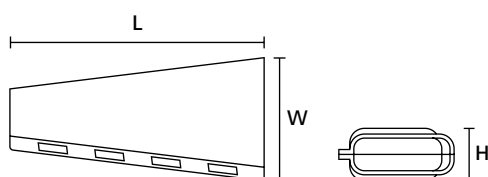
Gel cable joint Relifix V 525Y.



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



With
connector block!

| TYPE | Ø Main Cable | Main Cable mm ² min - max | | Branch Cable mm ² min - max | | Length (L) | Width (W) | Height (H) | Article-No. |
|---------------|--------------|---|--------|---|--------|------------|-----------|------------|-------------|
| Relifix 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.

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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



**Silicon
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 |

HF ✓

RoHS ✓

| 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 |
| Hand cleaning tissues | | |
| | RELICON Reliclean | 61 |



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.



Appendix

Notes

Notes





Appendix

Notes

This image shows a full page of dot grid paper. The background is white, and it is covered with a regular pattern of small, dark grey dots. The dots are arranged in a precise square grid, with equal spacing between them both horizontally and vertically. There are no margins, text, or other markings on the page.



A large grid of dots for taking notes, consisting of 20 columns and 30 rows of small black dots.

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