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 fulfill 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.
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 medium and 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

**Straight-through joint**
- without connectors: RELICON i-Line SF 8
- with connectors: RELICON i-Line Premium SF 9

**Flexible straight-through joint**
- RELICON F-Line SF 10

**Branch joints**
- RELICON Y-Line SF 11
- RELICON T-Line SF 12

**Parallel branch joint**
- RELICON PAH-1 13
  - RELICON PAH-2 14
  - RELICON PAH-3 16
  - RELICON PAH-4 18
  - RELICON PA-11 20
  - RELICON PA-12 22
  - RELICON PA-13 24

**Two-component polyurethane cast resin**
- RELICON PUR 33 28
- RELICON PUR 66 29
- RELICON PUR 771 30
- RELICON PUR 44 Flex 31
- RELICON PUR 112 FR 32

**Two-component epoxy resin**
- RELICON EP 64 33
- RELICON EP 20 34

**Two-component cold casting compound**
- RELICON Reiflex 35

**Two-component polyurethane sealing mastic**
- RELICON PUR DS 36
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 cables from thermal 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. Epoxy resin (EP) cable joints are available for chemical and oil processing industries.
RELICON SF technology:  
safe and easy filling

The special "Safe Filling" (SF) system makes RELICON cast resin joint products a pleasure to work with.

When followed correctly, SF ensures that any hazardous contact with the cast resin can be avoided and the fitter has visual control of the mixing and filling steps at all times.

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

Excellent hydrolytic stability makes RELICON cast resins particularly suitable for reliable long-term applications.
**Straight-through joint without connectors**

**RELICON i-Line SF**

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

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

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

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

---

**MATERIAL**

<table>
<thead>
<tr>
<th></th>
<th>Polyurethane resin 33 (PUR33)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Colour</strong></td>
<td>Green (GN)</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>-25 °C to +120 °C</td>
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<tr>
<td><strong>Storage Temperature</strong></td>
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</tr>
<tr>
<td><strong>Shelf Life</strong></td>
<td>48 months</td>
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**TYPE**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø Main Cable</th>
<th>Main Cable mm²</th>
<th>Length (L)</th>
<th>Height (H2)</th>
<th>Resin Quantity</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>i-0 / SF</td>
<td>7-16</td>
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<td>3 x 1.5</td>
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<td>5 x 1.5</td>
<td>4 x 25 / 5 x 16</td>
<td>276.0</td>
<td>400 ml / 548 g</td>
<td>435-12002</td>
</tr>
<tr>
<td>i-3 / SF</td>
<td>23-35</td>
<td>5 x 10</td>
<td>4 x 50 / 5 x 35</td>
<td>360.0</td>
<td>655 ml / 897 g</td>
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<td>i-4 / SF</td>
<td>28-47</td>
<td>4 x 25</td>
<td>4 x 95</td>
<td>400.0</td>
<td>1140 ml / 1562 g</td>
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<tr>
<td>i-5 / SF</td>
<td>33-55</td>
<td>4 x 50</td>
<td>4 x 150</td>
<td>520.0</td>
<td>2 x 1450 ml / 1987 g</td>
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<td>i-6 / SF</td>
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<td>4 x 240</td>
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<td>i-7 / SF</td>
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<td>4 x 400</td>
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All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.

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For product specific approvals please contact us under www.HellermannTyton.com
Straight-through joint with connectors

RELICON i-Line Premium SF

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

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

Features and Benefits

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

Content of Set / Kit

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

MATERIAL

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>Polyurethane resin 33 (PUR33)</th>
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<tbody>
<tr>
<td>Colour</td>
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<td>Operating Temperature</td>
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<td>Storage Temperature</td>
<td>+4 °C to +40 °C</td>
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RoHS

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<th>Height (H2)</th>
<th>Resin Quantity</th>
<th>Article-No.</th>
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<tbody>
<tr>
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<td>8-24</td>
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<td>5 x 6</td>
<td>190.0</td>
<td>165 ml / 226 g</td>
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<tr>
<td>i-2 Premium SF</td>
<td>14-30</td>
<td>5 x 1.5</td>
<td>5 x 16</td>
<td>276.0</td>
<td>400 ml / 548 g</td>
<td>435-12021</td>
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<td>i-3 Premium SF</td>
<td>23-35</td>
<td>5 x 6</td>
<td>5 x 35</td>
<td>360.0</td>
<td>655 ml / 897 g</td>
<td>435-12022</td>
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</table>

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content.

For product specific approvals please contact us under www.HellermannTyton.com
Flexible straight-through joint

**RELICON F-Line SF**

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

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

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

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

---

**MATERIAL**
- Polyurethane resin 44 Flex (PUR44 Flex)

**Colour**
- Black (BK)

**Operating Temperature**
- -25 °C to +120 °C

**Storage Temperature**
- +4 °C to +40 °C

**Shelf Life**
- 24 months

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**Flexible straight-through joint F-Line.**

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**Without connector!**

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<thead>
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<th>Ø Main Cable</th>
<th>Main Cable mm².min - max</th>
<th>Length (L)</th>
<th>Ø D</th>
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<tbody>
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<td>375.0</td>
<td>31.0</td>
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<td>F-12 / SF</td>
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<td>4 x 4</td>
<td>375.0</td>
<td>34.0</td>
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<td>F-13 / SF</td>
<td>21-27</td>
<td>4 x 10</td>
<td>450.0</td>
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<td>F-14 / SF</td>
<td>25-32</td>
<td>4 x 16</td>
<td>450.0</td>
<td>42.0</td>
<td>600 ml / 720 g</td>
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<td>F-15 / SF</td>
<td>30-38</td>
<td>4 x 25</td>
<td>440.0</td>
<td>46.0</td>
<td>655 ml / 786 g</td>
<td>435-00204</td>
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</table>

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

For product specific approvals please contact us under www.HellermannTyton.com
Branch joints

**RELICON Y-Line SF**

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

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

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

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

---

Branch joint Y-Line SF (safe filling).

### MATERIAL

<table>
<thead>
<tr>
<th>Polyurethane resin 33 (PUR33)</th>
</tr>
</thead>
</table>

**Colour**
- Green (GN)

**Operating Temperature**
- -25 °C to +120 °C

**Storage Temperature**
- +4 °C to +40 °C

**Shelf Life**
- 48 months

---

**Without branch connector!**

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<th>Ø Branch Cable</th>
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<th>Branch Cable min - max</th>
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<th>Height (H2)</th>
<th>Resin Quantity</th>
<th>Article-No.</th>
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</thead>
<tbody>
<tr>
<td>Y-1 / SF</td>
<td>8-22</td>
<td>10-22</td>
<td>3 x 1.5</td>
<td>3 x 1.5</td>
<td>5 x 6</td>
<td>5 x 10</td>
<td>205.0</td>
<td>70.0</td>
<td>490 ml / 671 g</td>
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<tr>
<td>Y-0 / SF</td>
<td>10-24</td>
<td>10-24</td>
<td>3 x 1.5</td>
<td>3 x 1.5</td>
<td>4 x 4</td>
<td>4 x 10</td>
<td>190.0</td>
<td>60.0</td>
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<tr>
<td>Y-3 / SF</td>
<td>10-40</td>
<td>13-28</td>
<td>4 x 10</td>
<td>4 x 10</td>
<td>5 x 10</td>
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<td>90.0</td>
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<td>Y-2 / SF</td>
<td>25-33</td>
<td>15-30</td>
<td>4 x 6</td>
<td>4 x 6</td>
<td>5 x 16</td>
<td>350.0</td>
<td>98.0</td>
<td>1445 ml / 1980 g</td>
<td>435-12010</td>
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<tr>
<td>Y-6 / SF</td>
<td>30-55</td>
<td>17-40</td>
<td>4 x 10</td>
<td>4 x 10</td>
<td>4 x 70</td>
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<td>130.0</td>
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<tr>
<td>Y-5 / SF</td>
<td>35-51</td>
<td>17-33</td>
<td>4 x 10</td>
<td>4 x 10</td>
<td>4 x 50</td>
<td>298.0</td>
<td>120.0</td>
<td>2045 ml / 2802 g</td>
<td>435-12011</td>
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</table>

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content.

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Branch joints

RELICON T-Line SF

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

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

Features and Benefits

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

Content of Set / Kit

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

RoHS

Branch joint T-Line SF (safe filling).

MATERIAL

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

T-Line

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø Main Cable</th>
<th>Main Cable mm² min - max</th>
<th>Ø Branch Cable</th>
<th>Branch Cable mm² min - max</th>
<th>Length (L)</th>
<th>Height (H2)</th>
<th>Resin Quantity</th>
<th>Article-No.</th>
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</thead>
<tbody>
<tr>
<td>T-1 / SF</td>
<td>16-26</td>
<td>5 x 1.5 5 x 10</td>
<td>10-24</td>
<td>90 ° 3 x 1.5 5 x 6</td>
<td>276.0</td>
<td>177.0</td>
<td>455 ml / 623 g</td>
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</tr>
<tr>
<td>T-2 / SF</td>
<td>25-32</td>
<td>5 x 6 5 x 16</td>
<td>18-25</td>
<td>90 ° 5 x 1.5 5 x 10</td>
<td>380.0</td>
<td>225.0</td>
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<td>435-12025</td>
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<tr>
<td>T-3 / SF</td>
<td>29-40</td>
<td>5 x 10 5 x 50</td>
<td>20-30</td>
<td>90 ° 5 x 6 5 x 16</td>
<td>520.0</td>
<td>205.0</td>
<td>2 x 1450 ml / 1987 g</td>
<td>435-12026</td>
</tr>
</tbody>
</table>

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

For product specific approvals please contact us under www.HellermannTyton.com
Parallel branch joint house connections

**RELICON PAH-1**

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
- Certified according to DIN EN 50393 (corresponds to DIN VDE 0278-393)

**Content of Set / Kit**
- Cast resin PUR 33, 1900 ml/2603 g
- In a two-chamber pouch or in cans
- Transparent moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, cable kit, installation instructions
- SF-nozzle (two-chamber pouch)
- Mixing stick (can)

**RoHS**

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**MATERIAL**
- Polyurethane resin 33 (PUR33)

**Colour**
- Green (GN)

**Operating Temperature**
- -25 °C to +120 °C

**Storage Temperature**
- +4 °C to +40 °C

**Shelf Life**
- 48 months

---

**TABLE**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø Main Cable</th>
<th>Main Cable mm² min - max</th>
<th>Ø Branch Cable</th>
<th>Branch Cable mm² min - max</th>
<th>Length (L)</th>
<th>Height (H2)</th>
<th>Connector</th>
<th>Pack</th>
<th>Article-No.</th>
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<td>4 x 16</td>
<td>4 x 150</td>
<td>18-33</td>
<td>290.0</td>
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<td>4 x 95</td>
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<td>Can</td>
<td>435-00159</td>
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<td>4 x 35</td>
<td>4 x 150</td>
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<td>Isicompact-M</td>
<td>Can</td>
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<td>120.0</td>
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<td>Bag</td>
<td>435-00170</td>
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</table>

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

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For product specific approvals please contact us under www.HellermannTyton.com
Parallel branch joint house connections

**RELICON PAH-2**

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
- Certified according to DIN EN 50393 (corresponds to DIN VDE 0278-393)

**Content of Set / Kit**
- Cast resin Reliflex, 1950 ml/2379 g, non-toxic
- In a two-chamber pouch or in cans
- Transparent moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, cable kit, installation instructions
- SF-nozzle (two-chamber pouch)
- Mixing stick (can)

---

**MATERIAL**
- Cold sealing compound Reliflex (Reliflex)

**Colour**
- Yellow (YE)

**Operating Temperature**
- -40 °C to +90 °C

**Storage Temperature**
- +4 °C to +40 °C

**Shelf Life**
- 36 months

---

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø Main Cable</th>
<th>Main Cable mm² min - max</th>
<th>Ø Branch Cable</th>
<th>Branch Cable mm² min - max</th>
<th>Length (L)</th>
<th>Height (H2)</th>
<th>Connector</th>
<th>Pack</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAH-2-130/300-C-S</td>
<td>27-49</td>
<td>4 x 35 - 4 x 95</td>
<td>15-33</td>
<td>4 x 6 - 4 x 70</td>
<td>300.0</td>
<td>130.0</td>
<td>Isicompact-S</td>
<td>Can</td>
<td>435-00864</td>
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<td>4 x 35 - 4 x 95</td>
<td>15-33</td>
<td>4 x 6 - 4 x 70</td>
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<td>130.0</td>
<td>Isicompact-S</td>
<td>Bag</td>
<td>435-00868</td>
</tr>
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<td>27-49</td>
<td>4 x 35 - 4 x 150</td>
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<td>130.0</td>
<td>Isicompact-M</td>
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<td>435-00862</td>
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</table>

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content.

---

For product specific approvals please contact us under www.HellermannTyton.com
Parallel branch joint house connections

**RELICON PAH-2**

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
- Certified according to DIN EN 50393 (corresponds to DIN VDE 0278-393)

**Content of Set / Kit**
- Cast resin PUR 33, 1950 ml/2672 g
- In a two-chamber pouch or in cans
- Transparent moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, cable kit, installation instructions
- SF-nozzle (two-chamber pouch)
- Mixing stick (can)

---

### MATERIAL

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyurethane resin 33 (PUR33)</td>
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<tr>
<td>Colour</td>
<td>Green (GN)</td>
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<tr>
<td>Operating Temperature</td>
<td>-25 °C to +120 °C</td>
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<tr>
<td>Storage Temperature</td>
<td>+4 °C to +40 °C</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>48 months</td>
</tr>
</tbody>
</table>

---

**PAH-2**

![Parallel branch joint PAH-2 130/300, house connector set.](image)

---

**TYPE** | Ø Main Cable | Main Cable | Ø Branch Cable | Branch Cable | Length (L) | Height (H2) | Connector | Pack | Article-No.  
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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<th></th>
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<th></th>
<th></th>
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<tbody>
<tr>
<td>PAH-2-130/300-C-S</td>
<td>27-49</td>
<td>4 x 35</td>
<td>4 x 95</td>
<td>15-33</td>
<td>4 x 6</td>
<td>4 x 70</td>
<td>300.0</td>
<td>130.0</td>
<td>Isicompact-S</td>
</tr>
<tr>
<td>PAH-2-130/300-B-SF-S</td>
<td>27-49</td>
<td>4 x 35</td>
<td>4 x 95</td>
<td>15-33</td>
<td>4 x 6</td>
<td>4 x 70</td>
<td>300.0</td>
<td>130.0</td>
<td>Isicompact-S</td>
</tr>
<tr>
<td>PAH-2-130/300-B-SF</td>
<td>27-49</td>
<td>4 x 35</td>
<td>4 x 150</td>
<td>15-33</td>
<td>4 x 6</td>
<td>4 x 70</td>
<td>300.0</td>
<td>130.0</td>
<td>none</td>
</tr>
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<td>PAH-2-130/300-C</td>
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<td>4 x 35</td>
<td>4 x 150</td>
<td>15-33</td>
<td>4 x 6</td>
<td>4 x 70</td>
<td>300.0</td>
<td>130.0</td>
<td>none</td>
</tr>
<tr>
<td>PAH-2-130/300-C-M</td>
<td>27-49</td>
<td>4 x 35</td>
<td>4 x 150</td>
<td>15-33</td>
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<td>4 x 70</td>
<td>300.0</td>
<td>130.0</td>
<td>Isicompact-M</td>
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<tr>
<td>PAH-2-130/300-B-SF-M</td>
<td>27-49</td>
<td>4 x 35</td>
<td>4 x 150</td>
<td>15-33</td>
<td>4 x 6</td>
<td>4 x 70</td>
<td>300.0</td>
<td>130.0</td>
<td>Isicompact-M</td>
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All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content.
Parallel branch joint house connections

RELICON PAH-3

The parallel branch joint PAH is a universal straight-through and branch joint. 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 Reliflex, 2800 ml/3416 g, non-toxic
- In a two-chamber pouch or in cans
- Transparent moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, cable kit, installation instructions
- SF-nozzle (two-chamber pouch)
- Mixing stick (can)

MATERIAL

<table>
<thead>
<tr>
<th></th>
<th>Cast sealing compound Reliflex (Reliflex)</th>
</tr>
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<tbody>
<tr>
<td>Colour</td>
<td>Yellow (YE)</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40 °C to +90 °C</td>
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<tr>
<td>Storage Temperature</td>
<td>+4 °C to +40 °C</td>
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<td>Shelf Life</td>
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For product specific approvals please contact us under www.HellermannTyton.com

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

**RELICON PAH-3**

The parallel branch joint PAH is a universal straight-through and branch joint. 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 33, 2800 ml/3836 g
- In a two-chamber pouch or in cans
- Transparent moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, cable kit, installation instructions
- SF-nozzle (two-chamber pouch)
- Mixing stick (can)

**MATERIAL**

<table>
<thead>
<tr>
<th>Material</th>
<th>Polyurethane resin 33 (PUR33)</th>
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</table>

<table>
<thead>
<tr>
<th>Colour</th>
<th>Green (GN)</th>
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</table>

<table>
<thead>
<tr>
<th>Operating Temperature</th>
<th>-25 °C to +120 °C</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Storage Temperature</th>
<th>+4 °C to +40 °C</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Shelf Life</th>
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**Parallel branch joint PAH-3 135/360, house connector set.**

**PAH-3**

**TYPE**

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<th>Ø Branch Cable</th>
<th>Ø Main Cable</th>
<th>Ø Branch Cable</th>
<th>Length (L)</th>
<th>Height (H2)</th>
<th>Connector</th>
<th>Pack</th>
<th>Article-No.</th>
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<td>4 x 35</td>
<td>4 x 35</td>
<td>4 x 70</td>
<td>360.0</td>
<td>135.0</td>
<td>Isicompact-S</td>
<td>Can</td>
<td>435-00169</td>
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<tr>
<td>PAH-3-135/360-B-SF-S</td>
<td>27-49</td>
<td>4 x 35</td>
<td>4 x 35</td>
<td>4 x 95</td>
<td>360.0</td>
<td>135.0</td>
<td>Isicompact-S</td>
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<td>PAH-3-135/360-B-SF</td>
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<td>4 x 35</td>
<td>4 x 185</td>
<td>360.0</td>
<td>135.0</td>
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<td>Bag</td>
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<td>PAH-3-135/360-C</td>
<td>27-49</td>
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<td>4 x 35</td>
<td>4 x 185</td>
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<td>135.0</td>
<td>none</td>
<td>Can</td>
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<tr>
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<td>27-49</td>
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<td>4 x 185</td>
<td>360.0</td>
<td>135.0</td>
<td>Isicompact-M</td>
<td>Can</td>
<td>435-00166</td>
</tr>
<tr>
<td>PAH-3-135/360-B-SF-M</td>
<td>27-49</td>
<td>4 x 35</td>
<td>4 x 35</td>
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<td>360.0</td>
<td>135.0</td>
<td>Isicompact-M</td>
<td>Bag</td>
<td>435-00172</td>
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All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.
Parallel branch joint house connections

RELICON PAH-4

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 Reliflex, 3900 ml/4758 g, non-toxic
- In a two-chamber pouch or in cans
- Transparent moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, cable kit, installation instructions
- SF-nozzle (two-chamber pouch)
- Mixing stick (can)

Material
- Cold sealing compound Reliflex (Reliflex)
- Colour: Yellow (Y1)
- Operating Temperature: -40 °C to +90 °C
- Storage Temperature: +4 °C to +40 °C
- Shelf Life: 36 months

RoHS

Without branch connector!

---

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

<table>
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<th>TYPE</th>
<th>Ø Main Cable</th>
<th>Main Cable mm² min - max</th>
<th>Ø Branch Cable</th>
<th>Branch Cable mm² min - max</th>
<th>Length (L)</th>
<th>Height (H2)</th>
<th>Connector</th>
<th>Pack</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAH-4-140/420-B-SF</td>
<td>27-58</td>
<td>4 x 70, 4 x 240</td>
<td>15-49</td>
<td>4 x 70, 4 x 240</td>
<td>420.0</td>
<td>140.0</td>
<td>none</td>
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<td>435-00857</td>
</tr>
<tr>
<td>PAH-4-140/420-C</td>
<td>27-58</td>
<td>4 x 70, 4 x 240</td>
<td>15-49</td>
<td>4 x 70, 4 x 240</td>
<td>420.0</td>
<td>140.0</td>
<td>none</td>
<td>Can</td>
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All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.

For product specific approvals please contact us under www.HellermannTyton.com
Parallel branch joint house connections

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 33, 3900 ml/5343 g
- In a two-chamber pouch or in cans
- Transparent moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, cable kit, installation instructions
- SF-nozzle (two-chamber pouch)
- Mixing stick (can)

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø Main Cable</th>
<th>Main Cable mm² min - max</th>
<th>Ø Branch Cable</th>
<th>Branch Cable mm² min - max</th>
<th>Length (L)</th>
<th>Height (H2)</th>
<th>Connector</th>
<th>Pack</th>
<th>Article-No.</th>
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<tr>
<td>PAH-4-140/420-B-SF</td>
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<td>4 x 70</td>
<td>4 x 240</td>
<td>4 x 70</td>
<td>140.0</td>
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<td>Bag</td>
<td>435-00156</td>
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</tr>
<tr>
<td>PAH-4-140/420-C</td>
<td>27-58</td>
<td>4 x 70</td>
<td>4 x 240</td>
<td>4 x 70</td>
<td>140.0</td>
<td>none</td>
<td>Can</td>
<td>435-00162</td>
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All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.

For product specific approvals please contact us under www.HellermannTyton.com
Parallel branch joint

RELICON PA-11

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

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 Reliflex, non-toxic
- In a two-chamber pouch or in cans
- Transparent, one-piece moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, installation instructions
- SF-nozzle (two-chamber pouch)
- Mixing stick (can)

Content of Set / Kit
• Cast resin Reliflex, non-toxic
• In a two-chamber pouch or in cans
• Transparent, one-piece moulding shell
• Foam seal, protective gloves, emery cloth
• Cleaning cloth, installation instructions
• SF-nozzle (two-chamber pouch)
• Mixing stick (can)

Parallel branch joint PA-11 58/230.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>Cold sealing compound Reliflex (Reliflex)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Yellow (YE)</td>
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<tr>
<td>Operating</td>
<td>-40 °C to +90 °C</td>
</tr>
<tr>
<td>Storage</td>
<td>+4 °C to +40 °C</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>36 months</td>
</tr>
</tbody>
</table>

RoHS

Without branch connector!

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø Main Cable</th>
<th>Main Cable</th>
<th>Ø Branch Cable</th>
<th>Branch Cable</th>
<th>Length (L)</th>
<th>Height (H2)</th>
<th>Resin Quantity</th>
<th>Pack</th>
<th>Article-No.</th>
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<td>4 x 1.5</td>
<td>13-21</td>
<td>4 x 1.5</td>
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<td>5 x 10</td>
<td>490 ml / 598 g</td>
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<td>PA-11-58/230-C</td>
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<td>4 x 1.5</td>
<td>13-21</td>
<td>4 x 1.5</td>
<td>5 x 10</td>
<td>5 x 10</td>
<td>490 ml / 598 g</td>
<td>Can</td>
<td>435-00853</td>
</tr>
</tbody>
</table>

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

RELICON PA-11

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

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 33
- In a two-chamber pouch or in cans
- Transparent, one-piece moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, installation instructions
- SF-nozzle (two-chamber pouch)
- Mixing stick (can)

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

RoHS

Without branch connector!

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø Main Cable</th>
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<th>Ø Branch Cable</th>
<th>Branch Cable mm² min - max</th>
<th>Length (L)</th>
<th>Height (H2)</th>
<th>Resin Quantity</th>
<th>Pack</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA-11-58/230-B-SF</td>
<td>13-21</td>
<td>4 x 1.5</td>
<td>5 x 10</td>
<td>4 x 1.5</td>
<td>230.0</td>
<td>58.0</td>
<td>490 ml / 671 g</td>
<td>Bag</td>
<td>435-00150</td>
</tr>
<tr>
<td>PA-11-58/230-C</td>
<td>13-21</td>
<td>4 x 1.5</td>
<td>5 x 10</td>
<td>4 x 1.5</td>
<td>230.0</td>
<td>58.0</td>
<td>490 ml / 671 g</td>
<td>Can</td>
<td>435-00157</td>
</tr>
</tbody>
</table>

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

For product specific approvals please contact us under www.HellermannTyton.com
Parallel branch joint

**RELICON PA-12**

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

**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 Reliflex, non-toxic
- In a two-chamber pouch or in cans
- Transparent, one-piece moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, installation instructions
- SF-nozzle (two-chamber pouch)
- Mixing stick (can)

**MATERIAL**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Material</td>
<td>Cold sealing compound Reliflex (Reliflex)</td>
</tr>
<tr>
<td>Colour</td>
<td>Yellow (YE)</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40 °C to +90 °C</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>+4 °C to +40 °C</td>
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<tr>
<td>Shelf Life</td>
<td>36 months</td>
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**RoHS**

**PA-12**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø Main Cable</th>
<th>Main Cable mm²</th>
<th>Ø Branch Cable</th>
<th>Branch Cable mm²</th>
<th>Length (L)</th>
<th>Height (H2)</th>
<th>Resin Quantity</th>
<th>Pack</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA-12-75/300-B-SF</td>
<td>17-29</td>
<td>4 x 16</td>
<td>5 x 25</td>
<td>13-22</td>
<td>4 x 6</td>
<td>5 x 16</td>
<td>300.0</td>
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<tr>
<td>PA-12-75/300-C</td>
<td>17-29</td>
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<td>5 x 25</td>
<td>13-22</td>
<td>4 x 6</td>
<td>5 x 16</td>
<td>300.0</td>
<td>Can</td>
<td>435-00854</td>
</tr>
</tbody>
</table>

All dimensions in mm. Subject to technical changes. Minimum Order Quantity (MOQ) may differ from package content.
Parallel branch joint
RELICON PA-12

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 joining 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. Underground, submerged, outdoor, indoor and wiring ducts.

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 33
- In a two-chamber pouch or in cans
- Transparent, one-piece moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, installation instructions
- SF-nozzle (two-chamber pouch)
- Mixing stick (can)

PH-12

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø Main Cable</th>
<th>Main Cable mm² min - max</th>
<th>Ø Branch Cable</th>
<th>Branch Cable mm² min - max</th>
<th>Length (L)</th>
<th>Height (H2)</th>
<th>Resin Quantity</th>
<th>Pack</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA-12-75/300-B-SF</td>
<td>17-29</td>
<td>4 x 16</td>
<td>5 x 25</td>
<td>4 x 6</td>
<td>13-22</td>
<td>13-22</td>
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<td>Can</td>
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All dimensions in mm. Subject to technical changes. Minimum Order Quantity (MOQ) may differ from package content.

For product specific approvals please contact us under www.HellermannTyton.com
Parallel branch joint

**RELICON PA-13**

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.

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- Captive lids
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- Joint can be cast under influence of water
- Immediately ready for use

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- Foam seal, protective gloves, emery cloth
- Cleaning cloth, installation instructions
- SF-nozzle (two-chamber pouch)
- Mixing stick (can)

**PA-13**

**Without branch connector!**

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>Cold sealing compound Reliflex (Reliflex)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Yellow (YE)</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40 °C to +90 °C</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>+4 °C to +40 °C</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>36 months</td>
</tr>
</tbody>
</table>

**MATERIAL**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø Main Cable</th>
<th>Main Cable mm² min - max</th>
<th>Ø Branch Cable</th>
<th>Branch Cable mm² min - max</th>
<th>Length (L)</th>
<th>Height (H2)</th>
<th>Resin Quantity</th>
<th>Pack</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA-13-95/420-B-SF</td>
<td>27-35</td>
<td>4 x 10</td>
<td>5 x 35</td>
<td>21-30</td>
<td>420.0</td>
<td>95.0</td>
<td>2240 ml / 2733 g</td>
<td>Bag</td>
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<tr>
<td>PA-13-95/420-C</td>
<td>27-35</td>
<td>4 x 10</td>
<td>5 x 35</td>
<td>21-30</td>
<td>420.0</td>
<td>95.0</td>
<td>2240 ml / 2733 g</td>
<td>Can</td>
<td>435-00861</td>
</tr>
</tbody>
</table>

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

For product specific approvals please contact us under www.HellermannTyton.com
Parallel branch joint
RELICON PA-13

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.

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Features and Benefits
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- 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 or in cans
- Transparent, one-piece moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, installation instructions
- SF-nozzle (two-chamber pouch)
- Mixing stick (can)

Parallel branch joint PA-13 95/420.

MATERIAL
Polyurethane resin 33 (PUR33)

Colour
Green (GN)

Operating Temperature
-25 °C to +120 °C

Storage Temperature
+4 °C to +40 °C

Shelf Life
48 months

RoHS

Without branch connector!

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø Main Cable</th>
<th>Main Cable mm²</th>
<th>Ø Branch Cable</th>
<th>Branch Cable mm²</th>
<th>Length (L)</th>
<th>Height (H2)</th>
<th>Resin Quantity</th>
<th>Pack</th>
<th>Article-No.</th>
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</thead>
<tbody>
<tr>
<td>PA-13-95/420-B-SF</td>
<td>27-35</td>
<td>4 x 10</td>
<td>5 x 35</td>
<td>4 x 25</td>
<td>21-30</td>
<td>420.0</td>
<td>2240 ml / 3069 g</td>
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<td>PA-13-95/420-C</td>
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<td>4 x 10</td>
<td>5 x 35</td>
<td>4 x 25</td>
<td>21-30</td>
<td>420.0</td>
<td>2240 ml / 3069 g</td>
<td>Can</td>
<td>435-00163</td>
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</table>

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

For product specific approvals please contact us under www.HellermannTyton.com
**RELICON expertise for cast resins and gels:**
Choose the right product for your application.

<table>
<thead>
<tr>
<th>PRODUCT FAMILY</th>
<th>Pot Life</th>
<th>Shore Hardness A</th>
<th>Shore Hardness D</th>
<th>Operating Temperature</th>
<th>Dielectric Strength</th>
<th>Shelf Life</th>
<th>Exothermicity max.</th>
<th>Removable</th>
<th>Colour</th>
<th>Viscosity (mPa*s)</th>
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<tbody>
<tr>
<td>Two-component polyurethane cast resin</td>
<td></td>
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<tr>
<td>RELICON PUR 33</td>
<td>43 min. 5 °C, 15 min. 23 °C, 8 min. 40 °C</td>
<td>–</td>
<td>65±5</td>
<td>-25 °C to +120 °C</td>
<td>38 kV/mm</td>
<td>48 months</td>
<td>+71 °C</td>
<td>–</td>
<td>Green (GN)</td>
<td>4500 mPa<em>s, 5 °C (EN ISO 2555), 3000 mPa</em>s, 23 °C (EN ISO 2555)</td>
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<tr>
<td>RELICON PUR 66</td>
<td>43 min. 5 °C, 15 min. 23 °C, 8 min. 40 °C</td>
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<td>68±5</td>
<td>-25 °C to +120 °C</td>
<td>38 kV/mm</td>
<td>48 months</td>
<td>+71 °C</td>
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<tr>
<td>RELICON PUR 661 LP</td>
<td>130 min. 5 °C, 40 min. 23 °C, 20 min. 40 °C</td>
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<td>56±5</td>
<td>-25 °C to +120 °C</td>
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<td>+58 °C</td>
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<tr>
<td>RELICON PUR 771</td>
<td>50 min. 5 °C, 15 min. 23 °C, 5 min. 40 °C</td>
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<td>56±5</td>
<td>-25 °C to +130 °C</td>
<td>&gt;20 kV/mm</td>
<td>36 months</td>
<td>+71 °C</td>
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<tr>
<td>RELICON PUR 44 Flex</td>
<td>35 min. 5 °C, 15 min. 23 °C, 6 min. 40 °C</td>
<td>60±5</td>
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<td>-25 °C to +120 °C</td>
<td>20 kV/mm</td>
<td>24 months</td>
<td>+80 °C</td>
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<tr>
<td>RELICON PUR 112 FR</td>
<td>50 min. 5 °C, 15 min. 23 °C, 5 min. 40 °C</td>
<td>–</td>
<td>80±5</td>
<td>-25 °C to +130 °C</td>
<td>&gt;20 kV/mm</td>
<td>36 months</td>
<td>+71 °C</td>
<td>–</td>
<td>–</td>
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<tr>
<td>Two-component cold casting compound</td>
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<tr>
<td>RELICON Reliflex</td>
<td>40 min. 5 °C, 20 min. 23 °C, 10 min. 40 °C</td>
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<td>-40 °C to +90 °C</td>
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<tr>
<td>Two-component epoxy resin</td>
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<tr>
<td>RELICON EP 64</td>
<td>32 min. 5 °C, 13 min. 23 °C, 8 min. 35 °C</td>
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<td>80±5</td>
<td>-20 °C to +140 °C</td>
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<td>+140 °C</td>
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<td>RELICON EP 20</td>
<td>8 min. 40 °C, 18 min. 23 °C, 35 min. 5 °C</td>
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<td>70±5</td>
<td>-20 °C to +140 °C</td>
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<td>Two-component gel</td>
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<td>RELICON KH 100</td>
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<td>-40 °C to +90 °C</td>
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<td>RELICON KH 67</td>
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<td>Two-component silicone gel</td>
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<tr>
<td>RELICON Religel</td>
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<td>–</td>
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<td>Viscosity</td>
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<tr>
<td>–</td>
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<td>Green (GN)</td>
<td>4500 mPa<em>s, 5 °C (EN ISO 2555), 3000 mPa</em>s, 23 °C (EN ISO 2555)</td>
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<tr>
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<td>Black (BK)</td>
<td>4000 mPa<em>s, 5 °C (EN ISO 2555), 2000 mPa</em>s, 23 °C (EN ISO 2555)</td>
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<tr>
<td>–</td>
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<td>Black (BK)</td>
<td>4000 mPa<em>s, 5 °C (EN ISO 2555), 2000 mPa</em>s, 23 °C (EN ISO 2555)</td>
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<td>2500 mPa*s, 23 °C (EN ISO 2555)</td>
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<tr>
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<td>Beige (BGE)</td>
<td>1500 mPa<em>s, 23 °C (EN ISO 2555), 3000 mPa</em>s, 5 °C (EN ISO 2555)</td>
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<td>Yellow (YE)</td>
<td>5000 mPa<em>s, 5 °C (EN ISO 2555), 3300 mPa</em>s, 23 °C (EN ISO 2555)</td>
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<tr>
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<td>Transparent (CL)</td>
<td>2000 mPa<em>s, 5 °C (EN ISO 2555), 1500 mPa</em>s, 23 °C (EN ISO 2555)</td>
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<tr>
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<td>Yes</td>
<td>Transparent (CL), Yellow (YE)</td>
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<tr>
<td>Yes</td>
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<td>Transparent (CL), Green (GN)</td>
<td>1000 mPa<em>s, 23 °C (EN ISO 2555), 1500 mPa</em>s, 5 °C (EN ISO 2555)</td>
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</tbody>
</table>
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

MATERIAL
Polyurethane resin 33 (PUR33)

Colour
Green (GN)

Operating Temperature
-25 °C to +120 °C

Mixing Ratio (weight)
100:26

Exothermicity max.
+71 °C

Gel Time
48 min. 5 °C, 20 min. 23 °C, 9 min. 40 °C

Pot Life
43 min. 5 °C, 15 min. 23 °C, 8 min. 40 °C

Dielectric Strength
38 kV/mm

Viscosity
4500 mPa*s, 5 °C (EN ISO 2555),
3000 mPa*s, 23 °C (EN ISO 2555)

Impact Strength
26 kJ/m²

Shore Hardness D
65±5

Storage Temperature
+4 °C to +40 °C

Shelf Life
48 months

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
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Colour
Green (GN)

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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/m²

Shore Hardness D
65±5

Storage Temperature
+4 °C to +40 °C

Shelf Life
48 months

For product specific approvals please contact us under www.HellermannTyton.com

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Resin Quantity</th>
<th>Article-No.</th>
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All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.
Two-component polyurethane cast resin

RELICON PUR 66

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

Application: For indoor and outdoor use.

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

MATERIAL
- Polyurethane resin 66 (PUR66)
- Colour: Black (BK)
- Operating Temperature: -25 °C to +120 °C
- Mixing Ratio (weight): 100:26
- Exothermicity max.: +71 °C
- Gel Time: 48 min. 5 °C, 9 min. 40 °C
- Pot Life: 43 min. 5 °C, 15 min. 23 °C, 8 min. 40 °C
- Dielectric Strength: 38 kV/mm
- Viscosity: 4500 mPa*s, 5 °C (EN ISO 2555), 3000 mPa*s, 23 °C (EN ISO 2555)
- Impact Strength: 26 kJ/m²
- Shore Hardness D: 68±5
- Storage Temperature: +4 °C to +40 °C
- Shelf Life: 48 months

TYPE

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<tr>
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All dimensions in mm. 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

MATERIAL

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<tr>
<td>-25 °C to +130 °C</td>
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<td>Mixing Ratio (weight)</td>
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<td>100:22</td>
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<tr>
<td>Exothermicity max.</td>
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<tr>
<td>+71 °C</td>
</tr>
<tr>
<td>Gel Time</td>
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<tr>
<td>70 min. 5 °C, 20 min. 23 °C, 8 min. 40 °C</td>
</tr>
<tr>
<td>Pot Life</td>
</tr>
<tr>
<td>50 min. 5 °C, 15 min. 23 °C, 5 min. 40 °C</td>
</tr>
<tr>
<td>Dielectric Strength</td>
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<tr>
<td>&gt;20 kV/mm</td>
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<tr>
<td>Viscosity</td>
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<td>4000 mPa<em>s, 5 °C (EN ISO 2555), 2000 mPa</em>s, 23 °C (EN ISO 2555)</td>
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<td>Impact Strength</td>
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<td>Storage Temperature</td>
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TYPE

Resin-771-B-SF

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<td>955 ml / 1308 g</td>
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<tr>
<td>1140 ml / 1562 g</td>
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<td>1445 ml / 1980 g</td>
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<td>1950 ml / 2672 g</td>
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</table>

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

For product specific approvals please contact us under www.HellermannTyton.com
Two-component polyurethane cast resin

RELCION PUR 44 Flex

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

Application: For indoor and outdoor use.

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

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<tr>
<th>MATERIAL</th>
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<td>Exothermicity</td>
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<td>Pot Life</td>
<td>35 min. 5 °C, 15 min. 23 °C, 6 min. 40 °C</td>
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<tr>
<td>Dielectric Strength</td>
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<td>Viscosity</td>
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<td>Shore Hardness</td>
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<td>Shelf Life</td>
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All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content.

For product specific approvals please contact us under www.HellermannTyton.com

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</table>

HF ✔ RoHS ✔
Two-component polyurethane cast resin

**RELICON PUR 112 FR**

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

**Application:** For indoor and outdoor use.

**Features and Benefits**

- In a practical, transparent two-chamber pouch
- Safe-Filling system (SF)
- Excellent flow properties, low volume shrinkage
- Flame retardant
- 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

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### MATERIAL

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<td>Exothermicity max.</td>
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<td>Gel Time</td>
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<tr>
<td>Pot Life</td>
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<tr>
<td>Dielectric Strength</td>
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<tr>
<td>Viscosity</td>
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<tr>
<td>Impact Strength</td>
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<td>Shore Hardness D</td>
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<tr>
<td>Storage Temperature</td>
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All dimensions in mm. Subject to technical changes. Minimum Order Quantity (MOQ) may differ from package content.

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For product specific approvals please contact us under www.HellermannTyton.com
Two-component epoxy resin
RELICON EP 64

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

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

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<td>Black (BK)</td>
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<td>Dielectric Strength</td>
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<tr>
<td>Storage Temperature</td>
<td>+4 °C to +40 °C</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>48 months</td>
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The RELICON EP 64 epoxy resin has been created for use in low- and medium-voltage electrical networks, especially in the chemical and oil refining industry.
Application: For indoor and outdoor use.

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

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<td>2045 ml / 2311 g</td>
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</table>

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

For product specific approvals please contact us under www.HellermannTyton.com
Two-component epoxy resin

**RELICON EP 20**

The RELICON EP 20 epoxy resin has been created for use in low- and medium-voltage electrical networks. It is cold curing, highly impact-resistant and the low exothermic reaction makes it possible to cast even larger volumes.

**Application:** For indoor and outdoor use.

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

---

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<td>Exothermicity max.</td>
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<td>Dielectric Strength</td>
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<td>Viscosity</td>
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<td>Shore Hardness D</td>
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<td>Storage Temperature</td>
<td>+4 °C to +40 °C</td>
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<tr>
<td>Shelf Life</td>
<td>48 months</td>
</tr>
</tbody>
</table>

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**TYPE**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Resin Quantity</th>
<th>Article-No.</th>
</tr>
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<tbody>
<tr>
<td>Resin-20-B-SF</td>
<td>95 ml / 103 g</td>
<td>435-00450</td>
</tr>
<tr>
<td></td>
<td>165 ml / 178 g</td>
<td>435-00451</td>
</tr>
<tr>
<td></td>
<td>220 ml / 238 g</td>
<td>435-00452</td>
</tr>
<tr>
<td></td>
<td>240 ml / 259 g</td>
<td>435-00453</td>
</tr>
<tr>
<td></td>
<td>400 ml / 432 g</td>
<td>435-00454</td>
</tr>
<tr>
<td></td>
<td>455 ml / 491 g</td>
<td>435-00455</td>
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<tr>
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<td>490 ml / 529 g</td>
<td>435-00456</td>
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<td></td>
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<td>955 ml / 1031 g</td>
<td>435-00458</td>
</tr>
<tr>
<td></td>
<td>1140 ml / 1231 g</td>
<td>435-00459</td>
</tr>
<tr>
<td></td>
<td>1445 ml / 1561 g</td>
<td>435-00460</td>
</tr>
<tr>
<td></td>
<td>1640 ml / 1771 g</td>
<td>435-00461</td>
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<tr>
<td></td>
<td>1950 ml / 2106 g</td>
<td>435-00462</td>
</tr>
<tr>
<td></td>
<td>2045 ml / 2209 g</td>
<td>435-00463</td>
</tr>
</tbody>
</table>

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

For product specific approvals please contact us under www.HellermannTyton.com
Two-component cold casting compound

RELICON Reliflex

The RELICON Reliflex cast resin is a non-toxic cold casting compound based on hydrocarbon resins for the low-voltage electrical networks. The very hydrophobic resin has been created for electrical insulation and moisture protection of cable connections. After curing, Reliflex is extremely resistant to moisture and has excellent insulating properties.

Application: For indoor and outdoor use.

Features and Benefits

- In a practical, transparent two-chamber pouch
- Colour changes from beige to yellow whilst mixing
- Safe-Filling system (SF)
- Excellent flow properties, low volume shrinkage
- Fast gelling, curing without developing heat
- 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
- Excellent adhesion to polymeric cables and wires made of PVC, XLPE, PE, EPR
- Resistance to moisture and atmospheric corrosion
- Soft elastic, vibration absorbing, removable
- Non-toxic, free of silicone and isocyanate
- SVHC-free, contains no hazardous substances, the cured product can be disposed of with house hold waste

Material

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>Cold sealing compound Reliflex (Reliflex)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Yellow (YE)</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40 °C to +90 °C</td>
</tr>
<tr>
<td>Mixing Ratio (weight)</td>
<td>100:40</td>
</tr>
<tr>
<td>Exothermicity max.</td>
<td>-</td>
</tr>
<tr>
<td>Gel Time</td>
<td>45 min. 5 °C, 25 min. 23 °C, 14 min. 40° C</td>
</tr>
<tr>
<td>Pot Life</td>
<td>40 min. 5 °C, 20 min. 23 °C, 10 min. 40 °C</td>
</tr>
<tr>
<td>Dielectric Strength</td>
<td>&gt;10 kV/mm</td>
</tr>
<tr>
<td>Viscosity</td>
<td>5000 mPa<em>s, 5 °C (EN ISO 2555), 3300 mPa</em>s, 23 °C (EN ISO 2555)</td>
</tr>
<tr>
<td>Shore Hardness A</td>
<td>20±5</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>+4 °C to +40 °C</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>36 months</td>
</tr>
</tbody>
</table>

RoHS

---

For product specific approvals please contact us under www.HellermannTyton.com
Two-component polyurethane sealing mastic

RELICON PUR DS

The RELICON PUR DS cast resin is a chemically thixotropic, universal polyurethane sealing mastic. It is ideal for sealing wall feed-throughs as well as other filling and sealing applications.

Features and Benefits

- In a practical, transparent two-chamber pouch
- Colour changes from black to grey whilst mixing
- Safe-Filling system (SF)
- Very thixotropic and high stability
- Gas and water tight to 1.5 bar
- Excellent adhesion to concrete and stone. Also on polymeric cables and wires made of PVC, XLPE, PE, EPR
- Soft elastic
- Spatula included
- SVHC-free, contains no hazardous substances, the cured product can be disposed of with household waste
- Halogen free

System solutions for wall ducts can be found on pages: 58, 59.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>Polyurethane (PUR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Grey (GY)</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-25 °C to +110 °C</td>
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<tr>
<td>Mixing Ratio (weight)</td>
<td>100:52</td>
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<tr>
<td>Pot Life</td>
<td>15 min. 23 °C</td>
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<tr>
<td>Shore Hardness D</td>
<td>30 ± 5</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>+4 °C to +40 °C</td>
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<td>Shelf Life</td>
<td>24 months</td>
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<table>
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<th>Resin Quantity</th>
<th>Article-No.</th>
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<td>250 ml / 275 g</td>
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<td></td>
<td>490 ml / 539 g</td>
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</table>

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

For product specific approvals please contact us under www.HellermannTytton.com
## Gel Technology

**Gel cable joint with connector**

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>RELICON Reliseal Overview</td>
<td>38</td>
</tr>
<tr>
<td>RELICON Reliseal V 56, V 510, V 525</td>
<td>39</td>
</tr>
<tr>
<td>RELICON Relilight Overview</td>
<td>40</td>
</tr>
<tr>
<td>RELICON Relilight V 2.75 I1</td>
<td>42</td>
</tr>
<tr>
<td>RELICON Relilight V 31.5 U1</td>
<td>42</td>
</tr>
<tr>
<td>RELICON Relilight V 32.5 I2</td>
<td>43</td>
</tr>
<tr>
<td>RELICON Relilight V 32.5 P1</td>
<td>43</td>
</tr>
<tr>
<td>RELICON Relilight V 34 P2</td>
<td>44</td>
</tr>
<tr>
<td>RELICON Relilight V 36 P2</td>
<td>44</td>
</tr>
<tr>
<td>RELICON Relilight V 41.5 P1</td>
<td>45</td>
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<tr>
<td>RELICON Relilight V 41 U1</td>
<td>45</td>
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<tr>
<td>RELICON Relilight V 61.5 I2</td>
<td>46</td>
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</table>

**Gel cable joint without connector**

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>RELICON Relifix</td>
<td>48</td>
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**Gel cable joint with connector**

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
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<tbody>
<tr>
<td>RELICON Relifix V</td>
<td>49</td>
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<tr>
<td>RELICON Relifix vY</td>
<td>50</td>
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**Gel accessories**

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>RELICON Relifix ZE</td>
<td>51</td>
</tr>
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</table>

**Two-component gel**

<table>
<thead>
<tr>
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<th>Page</th>
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<tr>
<td>RELICON KH 67</td>
<td>53</td>
</tr>
<tr>
<td>RELICON KH 100</td>
<td>55</td>
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</table>

**Two-component silicone gel**

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>RELICON Retigel</td>
<td>54</td>
</tr>
</tbody>
</table>
Reliseal gel cable joints are designed for reliability and robustness under the toughest conditions. They are tested to IP68 (waterproof to 10 meters) and feature an integrated strain relief mechanism that ensures maximum protection, insulation and sealing of cable connections in extreme environments.

Ready-to-use out of the box, fitting is quick and easy.
Gel cable joint with connector

**RELICON Reliseal**

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

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

**Features and Benefits**
- Moulding shell: one piece, re-openable, impact-proof, flame retardant
- 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

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

**Insulation Gel Technology**

**MATERIAL**
- Polypropylene (PP), Silicone (SI)

**Colour**
- Green (GN)

**Operating Temperature**
- -20 °C to +90 °C

**Shelf Life**
- Unlimited

**RoHS**

**Gel cable joint Reliseal V 56.**

**Gel cable joint Reliseal V 510.**

**Gel cable joint Reliseal V 525.**

**Gel cable joint, available in three sizes.**

**With connector!**

**IP68, 10 meter**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Main Cable mm² min - max</th>
<th>Length (L)</th>
<th>Width (W)</th>
<th>Height (H)</th>
<th>Article-No.</th>
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</thead>
<tbody>
<tr>
<td>Reliseal V56</td>
<td>3 x 2.5</td>
<td>190.0</td>
<td>60.0</td>
<td>47.0</td>
<td>435-01660</td>
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<tr>
<td>Reliseal V510</td>
<td>3 x 4</td>
<td>235.0</td>
<td>69.0</td>
<td>49.0</td>
<td>435-01661</td>
</tr>
<tr>
<td>Reliseal V525</td>
<td>3 x 10</td>
<td>310.0</td>
<td>88.0</td>
<td>60.0</td>
<td>435-01662</td>
</tr>
</tbody>
</table>

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

For product specific approvals please contact us under www.HellermannTyton.com
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 and branching off the small cable cross-sections now 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 or dusty conditions.

RELICON Relilight is tested to DIN EN 60998-2-1:2004. It is resistant to ageing and weathering and withstands temperatures from -30 to +130 °C.
Gel cable joint with connector

**RELICON Relilight**

Relilight gel cable joints are designed for light installations, especially LED lighting. They are tested according to DIN EN 60998-2-1:2004 and offer IP68 protection class. The moulding shells are also flame retardant. 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 RELICON gel in the Relilight cable joints provides insulation, sealing and mechanical protection in one step. Furthermore, they reduce the workload and total cost of installation.

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

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

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

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

### With connector block!

### IP68, 1.3 meter

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø Main Cable</th>
<th>Main Cable mm²</th>
<th>Branch Cable mm²</th>
<th>Voltage range</th>
<th>Length (L)</th>
<th>Width (W)</th>
<th>Height (H)</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relilight V2.75 I1</td>
<td>4.8-6</td>
<td>2 x 0.35</td>
<td>2 x 0.75</td>
<td>-</td>
<td>-</td>
<td>250V, 6A</td>
<td>44.0</td>
<td>18.0</td>
</tr>
<tr>
<td>Relilight V32.5 I2</td>
<td>6.5-12</td>
<td>3 x 0.5</td>
<td>3 x 2.5</td>
<td>-</td>
<td>-</td>
<td>250V, 16A</td>
<td>100.0</td>
<td>24.0</td>
</tr>
<tr>
<td>Relilight V32.5 P1</td>
<td>6.5-12</td>
<td>3 x 0.5</td>
<td>3 x 2.5</td>
<td>3 x 0.5</td>
<td>3 x 2.5</td>
<td>250V, 16A</td>
<td>105.0</td>
<td>44.0</td>
</tr>
<tr>
<td>Relilight V41.5 P1</td>
<td>6.5-12</td>
<td>4 x 0.5</td>
<td>4 x 1.5</td>
<td>4 x 0.5</td>
<td>4 x 1.5</td>
<td>250V, 16A</td>
<td>105.0</td>
<td>44.0</td>
</tr>
<tr>
<td>Relilight V61.5 I2</td>
<td>6.5-12</td>
<td>6 x 0.5</td>
<td>6 x 1.5</td>
<td>-</td>
<td>-</td>
<td>12V - 24V</td>
<td>100.0</td>
<td>24.0</td>
</tr>
<tr>
<td>Relilight V34 P2</td>
<td>7.5-16</td>
<td>3 x 1.5</td>
<td>3 x 4</td>
<td>3 x 1.5</td>
<td>3 x 4</td>
<td>450V, 25A</td>
<td>138.0</td>
<td>78.0</td>
</tr>
<tr>
<td>Relilight V36 P2</td>
<td>7.5-16</td>
<td>3 x 1.5</td>
<td>3 x 6</td>
<td>3 x 1.5</td>
<td>3 x 6</td>
<td>450V, 25A</td>
<td>138.0</td>
<td>78.0</td>
</tr>
<tr>
<td>Relilight V31.5 U1</td>
<td>8.0-10</td>
<td>3 x 0.5</td>
<td>3 x 1.5</td>
<td>-</td>
<td>-</td>
<td>250V, 16A</td>
<td>38.0</td>
<td>42.5</td>
</tr>
<tr>
<td>Relilight V41 U1</td>
<td>8.0-10</td>
<td>4 x 0.5 / 6 x 0.35</td>
<td>4 x 1 / 6 x 0.5</td>
<td>-</td>
<td>-</td>
<td>12V - 24V</td>
<td>38.0</td>
<td>42.5</td>
</tr>
</tbody>
</table>

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content.

For product specific approvals please contact us under www.HellermannTyton.com
**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

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Main Cable</th>
<th>Main Cable mm²</th>
<th>Voltage range</th>
<th>Length (L)</th>
<th>Width (W)</th>
<th>Height (H)</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relilight V2.75 I1</td>
<td>4.8-6</td>
<td>2 x 0.35 2 x 0.75</td>
<td>250V, 6A</td>
<td>44.0</td>
<td>18.0</td>
<td>17.5</td>
<td>435-01650</td>
</tr>
</tbody>
</table>

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

**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

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Main Cable</th>
<th>Main Cable mm²</th>
<th>Voltage range</th>
<th>Length (L)</th>
<th>Width (W)</th>
<th>Height (H)</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relilight V31.5 U1</td>
<td>8.0-10</td>
<td>3 x 0.5 3 x 1.5</td>
<td>250V, 16A</td>
<td>38.0</td>
<td>42.5</td>
<td>29.5</td>
<td>435-01653</td>
</tr>
</tbody>
</table>

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

For product specific approvals please contact us under www.HellermannTyton.com
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

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø Main Cable</th>
<th>Main Cable mm²</th>
<th>Voltage range</th>
<th>Length (L)</th>
<th>Width (W)</th>
<th>Height (H)</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relilight V32.5 I2</td>
<td>6.5-12</td>
<td>3 x 0.5</td>
<td>3 x 2.5</td>
<td>250V, 16A</td>
<td>100.0</td>
<td>24.0</td>
<td>29.0</td>
</tr>
</tbody>
</table>

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

RELICON Relilight V 32.5 P1

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

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø Main Cable</th>
<th>Main Cable mm²</th>
<th>Branch Cable mm²</th>
<th>Voltage range</th>
<th>Length (L)</th>
<th>Width (W)</th>
<th>Height (H)</th>
<th>Article-No.</th>
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</thead>
<tbody>
<tr>
<td>Relilight V32.5 P1</td>
<td>6.5-12</td>
<td>3 x 0.5</td>
<td>3 x 0.5</td>
<td>3 x 2.5</td>
<td>250V, 16A</td>
<td>105.0</td>
<td>44.0</td>
<td>24.0</td>
</tr>
</tbody>
</table>

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

For product specific approvals please contact us under www.HellermannTyton.com
**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

### RELICON Relilight V 34 P2

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø Main Cable</th>
<th>Main Cable</th>
<th>Branch Cable</th>
<th>Voltage range</th>
<th>Length (L)</th>
<th>Width (W)</th>
<th>Height (H)</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relilight V34 P2</td>
<td>7.5-16</td>
<td>3 x 1.5</td>
<td>3 x 4</td>
<td>3 x 1.5</td>
<td>3 x 4</td>
<td>3 x 1.5</td>
<td>3 x 4</td>
<td>450V, 25A</td>
</tr>
</tbody>
</table>

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

**RELICON Relilight V 36 P2**

**Content of Set / Kit**
- Moulding shells filled with RELICON gel
- Adapter for strain relief
- Installation instructions
- Connector block 3 x 1.5 mm² to 3 x 6 mm²
- Screws

### RELICON Relilight V 36 P2

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø Main Cable</th>
<th>Main Cable</th>
<th>Branch Cable</th>
<th>Voltage range</th>
<th>Length (L)</th>
<th>Width (W)</th>
<th>Height (H)</th>
<th>Article-No.</th>
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<tbody>
<tr>
<td>Relilight V36 P2</td>
<td>7.5-16</td>
<td>3 x 1.5</td>
<td>3 x 6</td>
<td>3 x 1.5</td>
<td>3 x 6</td>
<td>3 x 1.5</td>
<td>3 x 6</td>
<td>450V, 25A</td>
</tr>
</tbody>
</table>

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

For product specific approvals please contact us under www.HellermannTyton.com
**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

**Gel cable joint Relilight V 41.5 P1.**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø Main Cable</th>
<th>Main Cable mm² min - max</th>
<th>Branch Cable mm² min - max</th>
<th>Voltage range</th>
<th>Length (L)</th>
<th>Width (W)</th>
<th>Height (H)</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relilight V41.5 P1</td>
<td>6.5-12</td>
<td>4 x 0.5 / 6 x 0.35</td>
<td>4 x 1 / 6 x 0.5</td>
<td>250V, 16A</td>
<td>105.0</td>
<td>44.0</td>
<td>24.0</td>
<td>435-01656</td>
</tr>
</tbody>
</table>

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

**RELICON Relilight V 41 U1**

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

**Gel cable joint Relilight V 41 U1.**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø Main Cable</th>
<th>Main Cable mm² min - max</th>
<th>Voltage range</th>
<th>Length (L)</th>
<th>Width (W)</th>
<th>Height (H)</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relilight V41 U1</td>
<td>8.0-10</td>
<td>4 x 0.5 / 6 x 0.35</td>
<td>12V - 24V</td>
<td>38.0</td>
<td>42.5</td>
<td>29.5</td>
<td>435-01654</td>
</tr>
</tbody>
</table>

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

**RELICON Relilight V 61.5 I2**

**Content of Set / Kit**
- Moulding shells filled with RELICON gel
- Adapter for strain relief
- Installation instructions
- Connector block 6 x 0.5 mm² to 6 x 1.5 mm²
- Screws

---

Relilight V 61.5 I2

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø Main Cable</th>
<th>Main Cable mm² min - max</th>
<th>Voltage range</th>
<th>Length (L)</th>
<th>Width (W)</th>
<th>Height (H)</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relilight V61.5 I2</td>
<td>6.5-12</td>
<td>6 x 0.5</td>
<td>6 x 1.5</td>
<td>12V - 24V</td>
<td>100.0</td>
<td>24.0</td>
<td>29.0</td>
</tr>
</tbody>
</table>

All dimensions in mm. Subject to technical changes. Minimum Order Quantity (MOQ) may differ from package content.
RELICON gel cable joints, which are used for cable connections above and below ground, consist 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 work step. The fitter saves time and needs no special installation 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 DIN EN 50393 (corresponding to DIN VDE 0278).

RELICON Relifix gel cable joints:
quick and effortless application
Gel cable joint without connector

RELICON Relifix

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

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

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
- Certified according to DIN EN 50393 (corresponds to DIN VDE 0278-393)

Content of Set / Kit
- Moulding shells filled with RELICON gel
- Installation instructions
- Separator plate
- Cable ties

PRODUCT SPECIFICATIONS

**MATERIAL**
- Polypropylene (PP), Silicone (SI)

**Colour**
- Green (GN)

**Operating Temperature**
- -20 °C to +90 °C

**Shelf Life**
- Unlimited

**RoHS**

**Without connector block!**

**Gel cable joint Relifix 410, 416.**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø Main Cable</th>
<th>Main Cable</th>
<th>Branch Cable</th>
<th>Length (L)</th>
<th>Width (W)</th>
<th>Height (H)</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relifix 410</td>
<td>9-20</td>
<td>3 x 1.5</td>
<td>3 x 1.5</td>
<td>146.0</td>
<td>55.0</td>
<td>35.0</td>
<td>435-00652</td>
</tr>
<tr>
<td>Relifix 416</td>
<td>9-22</td>
<td>3 x 1.5</td>
<td>3 x 2.5</td>
<td>180.0</td>
<td>69.0</td>
<td>40.0</td>
<td>435-00653</td>
</tr>
</tbody>
</table>

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

For product specific approvals please contact us under www.HellermannTyton.com
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 assembly
- Certified according to DIN EN 50393 (corresponds to DIN VDE 0278-393)

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!

Gel cable joint with connector
RELICON 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

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø Main Cable</th>
<th>Main Cable mm²</th>
<th>Branch Cable mm²</th>
<th>Length (L)</th>
<th>Width (W)</th>
<th>Height (H)</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relifix V150</td>
<td>9-16</td>
<td>1 x 10 - 1 x 50</td>
<td>1 x 2.5 - 1 x 6</td>
<td>86.0</td>
<td>47.0</td>
<td>27.0</td>
<td>435-00651</td>
</tr>
<tr>
<td>Relifix V31.5</td>
<td>9-16</td>
<td>3 x 0.5 - 3 x 2.5</td>
<td>- -</td>
<td>86.0</td>
<td>47.0</td>
<td>27.0</td>
<td>435-00650</td>
</tr>
<tr>
<td>Relifix V56</td>
<td>9-20</td>
<td>3 x 1.5 - 5 x 6</td>
<td>- -</td>
<td>146.0</td>
<td>55.0</td>
<td>35.0</td>
<td>435-00654</td>
</tr>
<tr>
<td>Relifix V516</td>
<td>9-22</td>
<td>3 x 6 - 5 x 16</td>
<td>- -</td>
<td>180.0</td>
<td>69.0</td>
<td>40.0</td>
<td>435-00655</td>
</tr>
<tr>
<td>Relifix V525</td>
<td>9-30</td>
<td>3 x 16 - 5 x 25</td>
<td>- -</td>
<td>240.0</td>
<td>75.0</td>
<td>48.0</td>
<td>435-00656</td>
</tr>
</tbody>
</table>

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

For product specific approvals please contact us under www.HellermannTyton.com
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 assembly
- Certified according to DIN EN 50393 (corresponds to DIN VDE 0278-393)

Content of Set / Kit
- Moulding shells filled with RELICON gel
- Installation instructions
- Connector
- Cable ties
- Allen key

With connector block!

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

RoHS

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ø Main Cable</th>
<th>Main Cable mm²</th>
<th>Branch Cable mm²</th>
<th>Length (L)</th>
<th>Width (W)</th>
<th>Height (H)</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relifix V 135Y</td>
<td>9-16</td>
<td>1 x 10</td>
<td>1 x 35</td>
<td>1 x 2.5</td>
<td>1 x 25</td>
<td>145.0</td>
<td>70.0</td>
</tr>
<tr>
<td>Relifix V 506Y</td>
<td>9-20</td>
<td>3 x 6</td>
<td>5 x 6</td>
<td>3 x 2.5</td>
<td>5 x 6</td>
<td>220.0</td>
<td>110.0</td>
</tr>
<tr>
<td>Relifix V 525Y</td>
<td>9-30</td>
<td>3 x 16</td>
<td>5 x 25</td>
<td>3 x 2.5</td>
<td>5 x 25</td>
<td>260.0</td>
<td>130.0</td>
</tr>
</tbody>
</table>

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

For product specific approvals please contact us under www.HellermannTyton.com
Relifix ZE is an optional accessory providing strain relief when using
cable joints Relifix 416, Relifix V516 and Relifix V525. Suitable for
conductor cross-sections from 6 mm² to 25 mm².

Features and Benefits
• Releasable strain relief
• Quick and easy installation
• Only for Relifix 416, V516, V525
• For conductor cross-sections of 6 - 25 mm²

Content of Set / Kit
• 2 Relifix ZE each with two fixing screws
• Installation instructions

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relifix ZE</td>
<td>435-00700</td>
</tr>
</tbody>
</table>

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

Gel accessory Relifix ZE.
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.
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 household waste
- Halogen free

Silicon free!

MATERIAL

<table>
<thead>
<tr>
<th>Gel KH67 (KH67)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
</tr>
<tr>
<td>Transparent (CL), Yellow (YE)</td>
</tr>
<tr>
<td>Operating Temperature</td>
</tr>
<tr>
<td>-40 °C to +90 °C</td>
</tr>
<tr>
<td>Mixing Ratio (weight)</td>
</tr>
<tr>
<td>100:67</td>
</tr>
<tr>
<td>Pot Life</td>
</tr>
<tr>
<td>40 min. 23 °C</td>
</tr>
<tr>
<td>Density</td>
</tr>
<tr>
<td>0.95 g/cm³, 20 °C (DIN EN ISO 2811-2)</td>
</tr>
<tr>
<td>Dielectric Strength</td>
</tr>
<tr>
<td>&gt;15 kV/mm</td>
</tr>
<tr>
<td>Viscosity</td>
</tr>
<tr>
<td>3000 mPa*s, 5 °C (EN ISO 2555),</td>
</tr>
<tr>
<td>2000 mPa*s, 23 °C (EN ISO 2555)</td>
</tr>
<tr>
<td>Storage Temperature</td>
</tr>
<tr>
<td>+4 °C to +40 °C</td>
</tr>
<tr>
<td>Shelf Life</td>
</tr>
<tr>
<td>36 months</td>
</tr>
</tbody>
</table>

Two-component gel KH 67.

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 household waste
- Halogen free

TYPE Pack Cont. Article-No.

<table>
<thead>
<tr>
<th>Gel-67-B-SF</th>
</tr>
</thead>
<tbody>
<tr>
<td>180 ml</td>
</tr>
<tr>
<td>250 ml</td>
</tr>
<tr>
<td>600 ml</td>
</tr>
<tr>
<td>750 ml</td>
</tr>
<tr>
<td>1,200 ml</td>
</tr>
</tbody>
</table>

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

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

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

Features and Benefits

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

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>Silicone gel Religel (SIG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Transparent (CL), Green (GN)</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40 °C to +140 °C</td>
</tr>
<tr>
<td>Mixing Ratio (weight)</td>
<td>100:100</td>
</tr>
<tr>
<td>Gel Time</td>
<td>20 min, 23 °C</td>
</tr>
<tr>
<td>Pot Life</td>
<td>10 min, 23 °C</td>
</tr>
<tr>
<td>Density</td>
<td>0.97 g/cm³, 20 °C (DIN EN ISO 2811-2)</td>
</tr>
<tr>
<td>Dielectric Strength</td>
<td>&gt;20 kV/mm</td>
</tr>
<tr>
<td>Viscosity</td>
<td>1000 mPa<em>s, 23 °C (EN ISO 2555), 1500 mPa</em>s, 5 °C (EN ISO 2555)</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>+4 °C to +40 °C</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>Unlimited</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Pack Cont.</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Religel</td>
<td>1,000 ml</td>
<td>435-00750</td>
</tr>
<tr>
<td></td>
<td>10,000 ml</td>
<td>435-00751</td>
</tr>
</tbody>
</table>

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

For product specific approvals please contact us under www.HellermannTyton.com
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 household waste
- Halogen free

MATERIAL
- Gel KH100 (KH100)
- Colour: Transparent (CL), Orange (OG)
- Operating Temperature: -40 °C to +90 °C
- Mixing Ratio (weight): 1:1
- Pot Life: 40 min. 23 °C
- Density: 0.95 g/cm³, 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

Two-component gel KH 100.

Silicon free!

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Pack Cont.</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gel-100 Mixing-Nozzle</td>
<td>10 pcs.</td>
<td>435-00806</td>
</tr>
<tr>
<td>Gel-100</td>
<td>250 ml</td>
<td>435-00805</td>
</tr>
<tr>
<td></td>
<td>600 ml</td>
<td>435-00807</td>
</tr>
</tbody>
</table>

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

For product specific approvals please contact us under www.HellermannTyton.com
HelaTape.
The Tape-Team.

A professional team of electrical and technical tapes for bundling, insulating, fixing, sealing and marking.
## Accessories

### Hand cleaning tissues
- RELICON Reliclean 58

### Centering sealing foam
- for wall feed-throughs: RELICON WSHEZ 58

### Heat shrinkable wall
- for feed-throughs: RELICON WSHE 59

### Connectors
- **Compression connector, tin-plated**
  - for copper conductors 60
- **Mechanical connector, tin-plated**
  - with barrier and shear-off bolts for AI and CU conductors 61
  - with blind hole for AI and CU conductors 61
- **Tap connector, uninsulated**
  - for copper conductors 62
- **Tap connector, insulated**
  - for insulated aluminium and copper conductors 63
  - for insulated copper conductors 63

### Connector blocks
- RELICON Premium 62
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

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Pack Cont.</th>
<th>Article-No.</th>
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</thead>
<tbody>
<tr>
<td>Reliclean</td>
<td>35 pcs.</td>
<td>435-01600</td>
</tr>
<tr>
<td></td>
<td>70 pcs.</td>
<td>435-01601</td>
</tr>
</tbody>
</table>

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

Centering sealing foam for wall feed-throughs

RELICON WSHEZ

The RELICON WSHEZ self-adhesive sealing foam is made for centering the WSHE heat shrinkable wall feed-throughs for building walls. Application: For centering RELICON WSHE wall feed-through in combination with RELICON PUR DS.

Features and Benefits
- Material: Polyester-foam, self-adhesive
- Compressible to 90%
- Compressive strength 2.8 -4.2 kPa (ISO 3386/1)
- Permeability: Water, gas, air
- Content: Set of sealing-foam (2 pcs), installation instructions
- Use multiple sets for larger wall feed-throughs

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Width (W)</th>
<th>Pack Cont.</th>
<th>Article-No.</th>
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</thead>
<tbody>
<tr>
<td>WSHEZ</td>
<td>30.0</td>
<td>2 pcs.</td>
<td>435-10254</td>
</tr>
</tbody>
</table>

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

System solutions for wall ducts can be found on pages: 36, 59.
Heat shrinkable wall for feed-throughs

**RELICON WSHE**

The RELICON WSHE heat shrinkable wall feed-through is designed to protect all types of cables and conduits through building walls. It is also the perfect solution to seal against gas and moisture of conduits, wires and cables.

**Features and Benefits**
- High mechanical strength, compact dimensions, adhesive lined
- Resistant to chemicals, UV, aging and weather resistant

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**System solutions for wall ducts can be found on pages: 36, 58.**

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**MATERIAL**
- Polyolefin, cross-linked (PO-X)

**Colour**
- Black (BK)

**Shrink Ratio**
- 3:1

**Operating Temperature**
- -55 °C to +110 °C

**Minimum Shrink Temperature**
- +120 °C

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**TYPE**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Supplied Ø D min.</th>
<th>Recov. Ø d max.</th>
<th>Length (L)</th>
<th>Length (L2)</th>
<th>Pack Cont.</th>
<th>Article-No.</th>
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<tr>
<td>WSHE 14/10</td>
<td>14</td>
<td>10</td>
<td>800.0</td>
<td>500</td>
<td>1 pc.</td>
<td>435-10255</td>
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<tr>
<td>WSHE 23/12</td>
<td>23</td>
<td>12</td>
<td>800.0</td>
<td>500</td>
<td>1 pc.</td>
<td>435-10256</td>
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<td>WSHE 28/16</td>
<td>28</td>
<td>16</td>
<td>800.0</td>
<td>500</td>
<td>1 pc.</td>
<td>435-10257</td>
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<td>WSHE 38/20</td>
<td>38</td>
<td>20</td>
<td>800.0</td>
<td>500</td>
<td>1 pc.</td>
<td>435-10258</td>
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<td>WSHE 48/19</td>
<td>48</td>
<td>19</td>
<td>800.0</td>
<td>500</td>
<td>1 pc.</td>
<td>435-10259</td>
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<tr>
<td>WSHE 86/45</td>
<td>86</td>
<td>45</td>
<td>800.0</td>
<td>500</td>
<td>1 pc.</td>
<td>435-10260</td>
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</tbody>
</table>

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

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For product specific approvals please contact us under www.HellermannTyton.com
Connectors

Compression connector, tin-plated, with central buttmark for copper conductors

Galvanised compression connectors are suitable for stranded and solid copper conductors and provided with central buttmarks for precise conductor insertion.

Features and Benefits
- Suitable for copper conductors
- Optimal material and compress properties because of the annealed material
- Precise end machining for easy cable insertion
- Tin-plated connector body
- With central buttmarks for precise core insertion

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Inside Ø (ID)</th>
<th>Outside Ø (OD)</th>
<th>Length (L)</th>
<th>Pack Cont.</th>
<th>Article-No.</th>
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<tr>
<td>Compression connector 1.5</td>
<td>1.8</td>
<td>3.3</td>
<td>25.0</td>
<td>1 pc.</td>
<td>435-01450</td>
</tr>
<tr>
<td>Compression connector 2.5</td>
<td>2.3</td>
<td>4.2</td>
<td>25.0</td>
<td>1 pc.</td>
<td>435-01451</td>
</tr>
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<td>Compression connector 4</td>
<td>3</td>
<td>5</td>
<td>25.0</td>
<td>1 pc.</td>
<td>435-01452</td>
</tr>
<tr>
<td>Compression connector 6</td>
<td>3.5</td>
<td>6.5</td>
<td>25.0</td>
<td>1 pc.</td>
<td>435-01453</td>
</tr>
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<td>Compression connector 10</td>
<td>4.5</td>
<td>7</td>
<td>30.0</td>
<td>1 pc.</td>
<td>435-01454</td>
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<td>Compression connector 16</td>
<td>5.5</td>
<td>8.5</td>
<td>35.0</td>
<td>1 pc.</td>
<td>435-01455</td>
</tr>
<tr>
<td>Compression connector 25</td>
<td>7</td>
<td>10</td>
<td>40.0</td>
<td>1 pc.</td>
<td>435-01456</td>
</tr>
<tr>
<td>Compression connector 35</td>
<td>8.5</td>
<td>12</td>
<td>45.0</td>
<td>1 pc.</td>
<td>435-01457</td>
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<tr>
<td>Compression connector 50</td>
<td>10</td>
<td>14</td>
<td>50.0</td>
<td>1 pc.</td>
<td>435-01458</td>
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<tr>
<td>Compression connector 70</td>
<td>12</td>
<td>16.5</td>
<td>55.0</td>
<td>1 pc.</td>
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<tr>
<td>Compression connector 95</td>
<td>13.5</td>
<td>18</td>
<td>60.0</td>
<td>1 pc.</td>
<td>435-01460</td>
</tr>
<tr>
<td>Compression connector 120</td>
<td>15</td>
<td>19.5</td>
<td>65.0</td>
<td>1 pc.</td>
<td>435-01461</td>
</tr>
<tr>
<td>Compression connector 150</td>
<td>16.5</td>
<td>21</td>
<td>70.0</td>
<td>1 pc.</td>
<td>435-01462</td>
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<tr>
<td>Compression connector 185</td>
<td>19</td>
<td>24</td>
<td>75.0</td>
<td>1 pc.</td>
<td>435-01463</td>
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<tr>
<td>Compression connector 240</td>
<td>21</td>
<td>26</td>
<td>85.0</td>
<td>1 pc.</td>
<td>435-01464</td>
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<tr>
<td>Compression connector 300</td>
<td>23.5</td>
<td>29.5</td>
<td>100.0</td>
<td>1 pc.</td>
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<tr>
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<td>27</td>
<td>34</td>
<td>100.0</td>
<td>1 pc.</td>
<td>435-01466</td>
</tr>
</tbody>
</table>

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Connectors

**Mechanical connector, tin-plated, with barrier and shear-off bolts for Al and Cu conductors**

Galvanised mechanical connector provided with barrier and shear-off bolts. 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
- Tin-plated connector body with barrier and shear-off bolts

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Conductor Size Range mm²</th>
<th>Ø D</th>
<th>Length (L)</th>
<th>Nut Size (NS)</th>
<th>Pack Cont.</th>
<th>Article-No.</th>
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<tbody>
<tr>
<td>Mechanical connector 1050</td>
<td>10 - 50</td>
<td>18.0</td>
<td>40.0</td>
<td>4</td>
<td>1 pc.</td>
<td>435-01503</td>
</tr>
<tr>
<td>Mechanical connector 2595</td>
<td>25 - 95</td>
<td>25.0</td>
<td>55.0</td>
<td>8</td>
<td>1 pc.</td>
<td>435-01504</td>
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<tr>
<td>Mechanical connector 2515</td>
<td>25 - 150</td>
<td>28.0</td>
<td>60.0</td>
<td>8</td>
<td>1 pc.</td>
<td>435-01505</td>
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<tr>
<td>Mechanical connector 9524</td>
<td>95 - 240</td>
<td>35.0</td>
<td>128.0</td>
<td>8</td>
<td>1 pc.</td>
<td>435-01506</td>
</tr>
</tbody>
</table>

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**Mechanical connectors with barrier.**

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

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Conductor Size Range mm²</th>
<th>Ø D</th>
<th>Length (L)</th>
<th>Nut Size (NS)</th>
<th>Pack Cont.</th>
<th>Article-No.</th>
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<tbody>
<tr>
<td>Mechanical connector 1506</td>
<td>1.5 - 6</td>
<td>7.0</td>
<td>-</td>
<td>1.5</td>
<td>1 pc.</td>
<td>435-01500</td>
</tr>
<tr>
<td>Mechanical connector 1516</td>
<td>1.5 - 16</td>
<td>10.0</td>
<td>30.0</td>
<td>2.5</td>
<td>1 pc.</td>
<td>435-01501</td>
</tr>
<tr>
<td>Mechanical connector 635</td>
<td>6 - 35</td>
<td>14.0</td>
<td>40.0</td>
<td>4</td>
<td>1 pc.</td>
<td>435-01502</td>
</tr>
</tbody>
</table>

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**Mechanical connectors without barrier.**

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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

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Conductor Size Range mm²</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SV1</td>
<td>1.5 - 6</td>
<td>435-01400</td>
</tr>
<tr>
<td>SV2</td>
<td>1.5 - 16</td>
<td>435-01401</td>
</tr>
<tr>
<td>SV3</td>
<td>6 - 35</td>
<td>435-01402</td>
</tr>
</tbody>
</table>

All dimensions in mm. Subject to technical changes.
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Connectors
Tap connector, uninsulated, for copper conductors

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

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

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

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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

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Conductor Size Range mm²</th>
<th>Width (W)</th>
<th>Mounting Screw Type</th>
<th>Pack Cont.</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tap connector 1516</td>
<td>1.5-16.0</td>
<td>26.0</td>
<td>M6</td>
<td>1 pc.</td>
<td>435-01557</td>
</tr>
</tbody>
</table>

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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

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Conductor Size Range mm²</th>
<th>Width (W)</th>
<th>Mounting Screw Type</th>
<th>Pack Cont.</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tap connector 1510</td>
<td>1.5-10.0</td>
<td>23.0</td>
<td>M5</td>
<td>1 pc.</td>
<td>435-01556</td>
</tr>
</tbody>
</table>

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