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RELICON by HellermannTyton



RELICON – Innovative Cast Resin and Gel Technology

For Reliable Cable Connections



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RELICON:
expertise based on experience

Innovative cast resin and gel systems for reliable cable connections.

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

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

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

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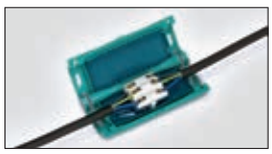
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Cast Resin Technology
Page 5



Gel Technology
Page 37



Accessories
Page 57

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RELICON: reliably connecting the present and the future

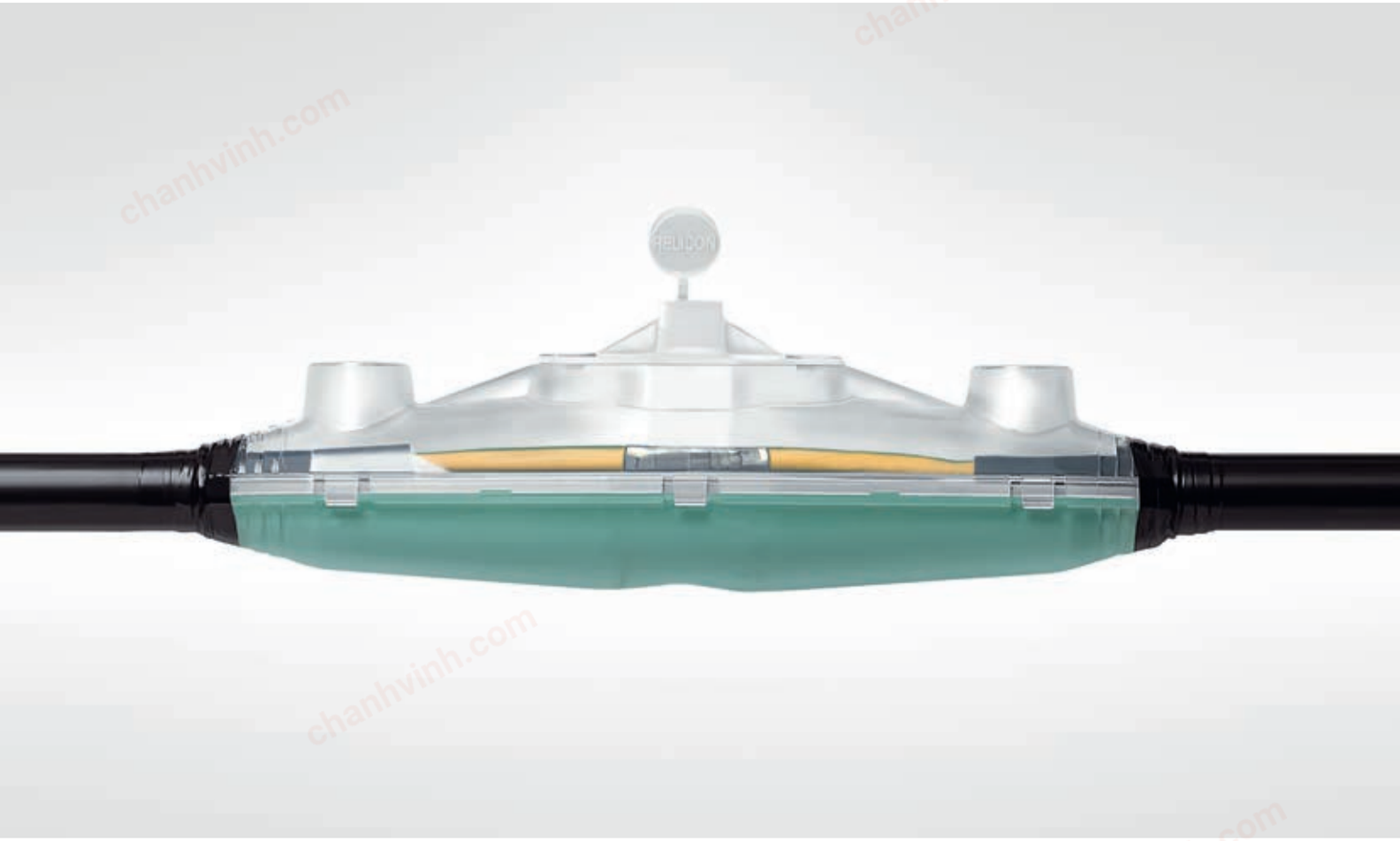
We believe in our products. The promise they deliver is anchored in our brand name: RELICON stands for “reliable connection”. You can trust RELICON to make reliable connections between today’s needs and tomorrow’s possibilities. A reliable connection between companies’ goals and the interests of the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

RELICON has rapidly grown into a respected brand in the electrical installation market. Applying our longstanding engineering expertise, we develop and produce high quality cable connection products for 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.

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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		
for house connections	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 Reliflex	35
Two-component polyurethane sealing mastic		
	RELICON PUR DS	36

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RELICON cast resin technology by HellermannTyton

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

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

RELICON cast resin cable joints create reliable connections in the ground. They protect 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.

Application video: RELICON cable jointing



RELICON Safe Filling (SF) technology.

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RELICON SF technology: safe and easy filling

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

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

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

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



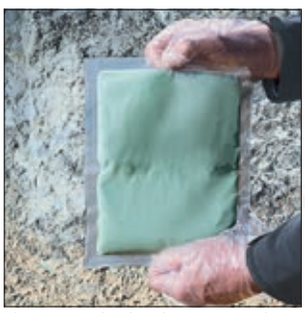
Transparent 2-chamber pouch for a optimized visual inspection of the mixing process.



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



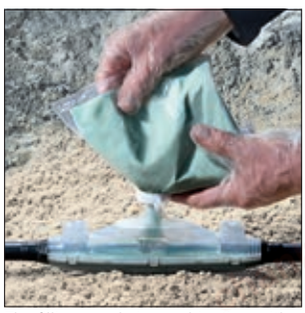
Simple mixing of the two components.



The patented color change gives the correct mixing process.



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



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

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



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

Features and Benefits

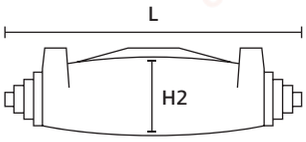
- Two-part, impact-proof, transparent moulding shells
- Compact, optimized dimensions
- Standard cable diameters indicated on the shells
- Safe-Filling system (SF)
- Immediately ready for use
- Longitudinally and transversely watertight
- Joint can be cast under influence of water

Content of Set / Kit

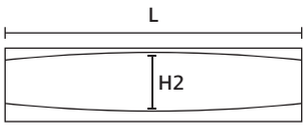
- Cast resin PUR 33
- Two-chamber pouch, transparent
- Moulding shells, transparent
- SF-system and nozzle
- Protective gloves, emery cloth, installation instructions
- HelaTape vinyl electrical tape
- Spacer for max. 5 core cable (i-1 to i-4)

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

RoHS



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



i-Line (i-7)

Without connector!

Application video: RELICON cable jointing

TYPE	Ø Main Cable	Main Cable mm² min - max		Length (L)	Height (H2)	Resin Quantity	Article-No.
i-0 / SF EMEA	7-16	3 x 1.5	5 x 2.5	182.0	25.0	95 ml/130 g	435-12019
i-1 / SF EMEA	8-24	3 x 1.5	4 x 10 / 5 x 6	190.0	36.0	165 ml/226 g	435-12000
i-1.5 / SF EMEA	8-24	3 x 1.5	4 x 16 / 5 x 10	215.0	39.0	220 ml/301 g	435-12001
i-2 / SF EMEA	14-30	5 x 1.5	4 x 25 / 5 x 16	276.0	49.0	400 ml/548 g	435-12002
i-3 / SF EMEA	23-35	5 x 10	4 x 50 / 5 x 35	360.0	54.0	655 ml/897 g	435-12003
i-4 / SF EMEA	28-47	4 x 25	4 x 95	400.0	69.0	1140 ml/1562 g	435-12004
i-5 / SF EMEA	33-55	4 x 50	4 x 150	520.0	100.0	2 x 1450 ml/1987 g	435-12005
i-6 / SF EMEA	48-70	4 x 150	4 x 240	700.0	128.0	4 x 1640 ml/2247 g	435-12006
i-7 / SF EMEA	55-77	4 x 185	4 x 400	870.0	140.0	5 x 1950 ml/2672 g	435-12007

All dimensions in mm. Subject to technical changes.

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

Features and Benefits

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

Content of Set / Kit

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



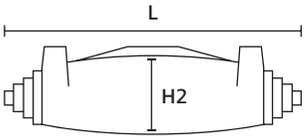
Straight-through joint i-Line SF (safe filling).



SV-Connector blocks.

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

RoHS



i-Linie Premium

With connector!

TYPE	Ø Main Cable	Main Cable mm² min	Main Cable mm² max	Length (L)	Height (H2)	Resin Quantity	Article-No.
i-1 Premium SF EMEA	8-24	3 x 1.5	5 x 6	190.0	36.0	165 ml/226 g	435-12020
i-2 Premium SF EMEA	14-30	5 x 1.5	5 x 16	276.0	49.0	400 ml/548 g	435-12021
i-3 Premium SF EMEA	23-35	5 x 6	5 x 35	360.0	54.0	655 ml/897 g	435-12022

All dimensions in mm. Subject to technical changes.

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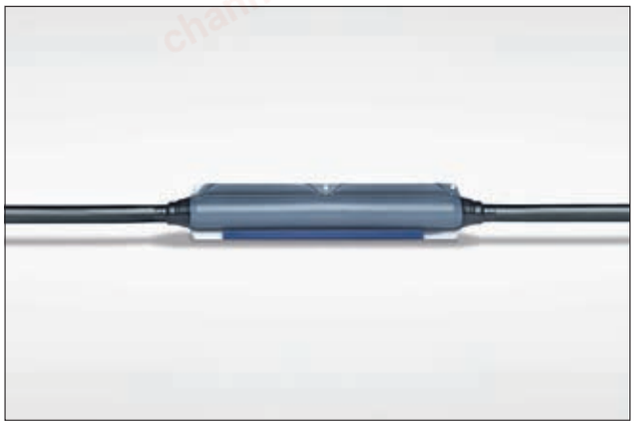
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Flexible straight-through joint

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.



Flexible straight-through joint F-Line.

Features and Benefits

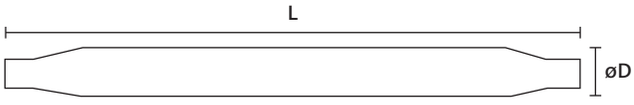
- Reelable and permanently flexible also at sub-zero temperatures
- Very good adhesion even under permanent bending stress
- Quick and easy installation
- Immediately ready for use
- Longitudinally and transversely watertight
- High abrasion resistance
- Resistant to alkaline earths, chemical influences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

RoHS



F-Line

Without connector!

TYPE	Ø Main Cable	Main Cable mm² min - max		Length (L)	Ø (D)	Resin Quantity	Article-No.
F-11 / SF	11-16	4 x 1.5	5 x 4	375.0	31.0	250 ml/300 g	435-00200
F-12 / SF	17-20	4 x 4	5 x 6	375.0	34.0	350 ml/420 g	435-00201
F-13 / SF	21-27	4 x 10	5 x 16	450.0	42.0	400 ml/480 g	435-00202
F-14 / SF	25-32	4 x 16	5 x 25	450.0	42.0	600 ml/720 g	435-00203
F-15 / SF	30-38	4 x 25	5 x 35	440.0	46.0	655 ml/786 g	435-00204

All dimensions in mm. Subject to technical changes.

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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.

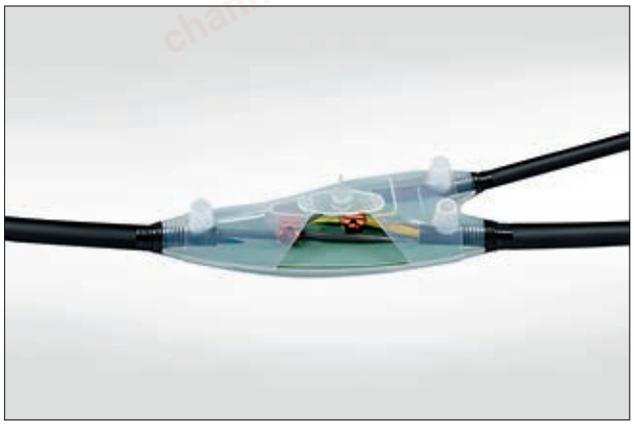
Application: Connections in industrial buildings, power supply in the ground, outdoors and in the water.

Features and Benefits

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

Content of Set / Kit

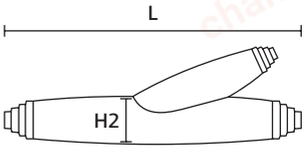
- Cast resin PUR 33
- Two-chamber pouch, transparent
- Moulding shells, transparent
- SF-system and nozzle
- Protective gloves, emery cloth, installation instructions
- HelaTape vinyl electrical tape



Branch joint Y-Line SF (safe filling).

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

RoHS



Y-Line

Without branch connector!

TYPE	Ø Main Cable	Main Cable mm² min	Main Cable mm² max	Ø Branch Cable	Angle	Branch Cable mm² min	Branch Cable mm² max	Length (L)	Height (H2)	Resin Quantity	Article-No.
Y-1 / SF EMEA	8-22	3 x 1.5	5 x 10	10-22	30 °	3 x 1.5	5 x 6	205.0	70.0	490 ml/671 g	435-12009
Y-0 / SF EMEA	10-24	3 x 1.5	4 x 10	10-24	30 °	3 x 1.5	4 x 4	190.0	60.0	240 ml/329 g	435-12008
Y-3 / SF EMEA	10-40	4 x 16	5 x 16	13-28	20 °	4 x 10	5 x 10	330.0	90.0	955 ml/1308 g	435-12023
Y-2 / SF EMEA	25-33	4 x 16	5 x 25	15-30	20 °	4 x 6	5 x 16	350.0	98.0	1445 ml/1980 g	435-12010
Y-6 / SF EMEA	30-55	4 x 95	4 x 185	17-40	20 °	4 x 10	4 x 70	430.0	130.0	2 x 1450 ml/ 1987 g	435-12012
Y-5 / SF EMEA	35-51	4 x 25	4 x 150	17-33	15 °	4 x 10	4 x 50	298.0	120.0	2045 ml/2802 g	435-12011

All dimensions in mm. Subject to technical changes.

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

Features and Benefits

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

Content of Set / Kit

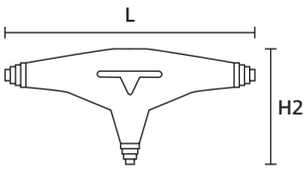
- Cast resin PUR 33
- Two-chamber pouch, transparent
- Moulding shells, transparent
- SF-system and nozzle
- Protective gloves, emery cloth, installation instructions
- HelaTape vinyl electrical tape



Branch joint T-Line SF (safe filling).

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



T-Line

Without branch connector!

TYPE	Ø Main Cable	Main Cable mm² min - max		Ø Branch Cable	Angle	Branch Cable mm² min - max		Length (L)	Height (H2)	Resin Quantity	Article-No.
T-1 / SF EMEA	16-26	5 x 1.5	5 x 10	10-24	90 °	3 x 1.5	5 x 6	276.0	177.0	455 ml/623 g	435-12024
T-2 / SF EMEA	25-32	5 x 6	5 x 16	18-25	90 °	5 x 1.5	5 x 10	380.0	225.0	2045 ml/ 2802 g	435-12025
T-3 / SF EMEA	29-40	5 x 10	5 x 50	20-30	90 °	5 x 6	5 x 16	520.0	205.0	2 x 1450 ml/ 1987 g	435-12026

All dimensions in mm. Subject to technical changes.

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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.

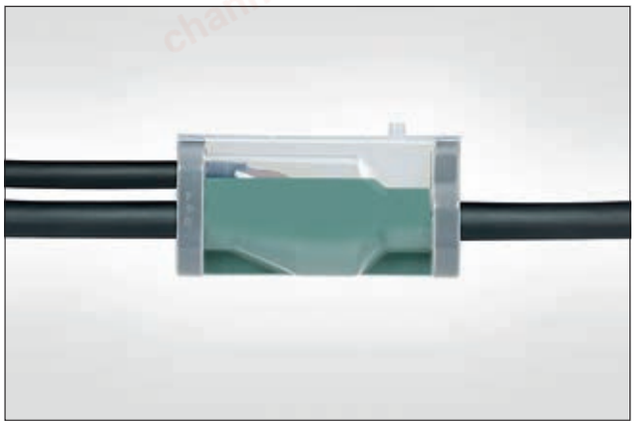
Application: In low-voltage electrical networks as branch joint for building connections. Underground, submerged, outdoor, indoor.

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 EN 50393 (corresponds to DIN VDE 0278-393)

Content of Set / Kit

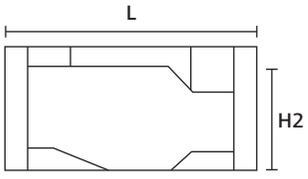
- Cast resin PUR 33, 1900 ml/2603 g
- In a two-chamber pouch or in cans
- Transparent moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, cable kit, installation instructions
- SF-nozzle (two-chamber pouch)
- Mixing stick (can)



Parallel branch joint PAH-1 120/290, house connector set.

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

RoHS



PAH-1

TYPE	Ø Main Cable	Main Cable mm² min	Main Cable mm² max	Ø Branch Cable	Branch Cable mm² min	Branch Cable mm² max	Length (L)	Height (H2)	Connector	Pack	Article-No.
PAH-1-120/290-B-SF	30-50	4 x 16	4 x 150	18-33	4 x 35	4 x 150	290.0	120.0	none	Bag	435-00153
PAH-1-120/290-C-S	30-50	4 x 35	4 x 95	18-33	4 x 16	4 x 50	290.0	120.0	Isicompact-S	Can	435-00167
PAH-1-120/290-B-SF-S	30-50	4 x 35	4 x 95	18-33	4 x 16	4 x 50	290.0	120.0	Isicompact-S	Bag	435-00173
PAH-1-120/290-C	30-50	4 x 35	4 x 150	18-33	4 x 16	4 x 50	290.0	120.0	none	Can	435-00159
PAH-1-120/290-C-M	30-50	4 x 35	4 x 150	18-33	4 x 16	4 x 50	290.0	120.0	Isicompact-M	Can	435-00164
PAH-1-120/290-B-SF-M	30-50	4 x 35	4 x 150	18-33	4 x 16	4 x 50	290.0	120.0	Isicompact-M	Bag	435-00170

All dimensions in mm. Subject to technical changes.

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Parallel branch joint house connections

RELICON PAH-2, non-toxic

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.

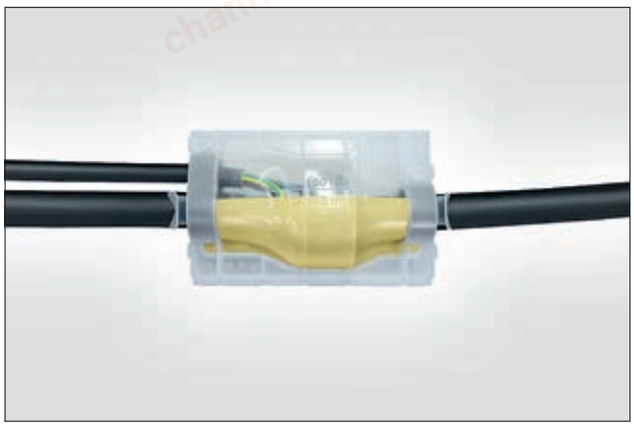
Application: In low-voltage electrical networks as branch joint for building connections. Underground, submerged, outdoor, indoor.

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 EN 50393 (corresponds to DIN VDE 0278-393)

Content of Set / Kit

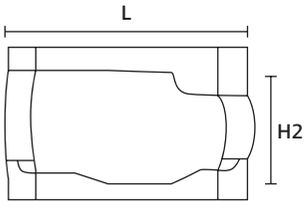
- Cast resin Reliflex, 1950 ml/2379 g, non-toxic
- In a two-chamber pouch or in cans
- Transparent moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, cable kit, installation instructions
- SF-nozzle (two-chamber pouch)
- Mixing stick (can)



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

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

RoHS



PAH-2

TYPE	Ø Main Cable	Main Cable mm² min	Main Cable mm² max	Ø Branch Cable	Branch Cable mm² min	Branch Cable mm² max	Length (L)	Height (H2)	Connector	Pack	Article-No.
PAH-2-130/300-C-S	27-49	4 x 35	4 x 95	15-33	4 x 6	4 x 70	300.0	130.0	Isicompact-S	Can	435-00864
PAH-2-130/300-B-SF-S	27-49	4 x 35	4 x 95	15-33	4 x 6	4 x 70	300.0	130.0	Isicompact-S	Bag	435-00868
PAH-2-130/300-B-SF	27-49	4 x 35	4 x 150	15-33	4 x 6	4 x 70	300.0	130.0	none	Bag	435-00855
PAH-2-130/300-C	27-49	4 x 35	4 x 150	15-33	4 x 6	4 x 70	300.0	130.0	none	Can	435-00858
PAH-2-130/300-C-M	27-49	4 x 35	4 x 150	15-33	4 x 6	4 x 70	300.0	130.0	Isicompact-M	Can	435-00862
PAH-2-130/300-B-SF-M	27-49	4 x 35	4 x 150	15-33	4 x 6	4 x 70	300.0	130.0	Isicompact-M	Bag	435-00866

All dimensions in mm. Subject to technical changes.

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03/2017 031-93417
CAT RELICON

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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.

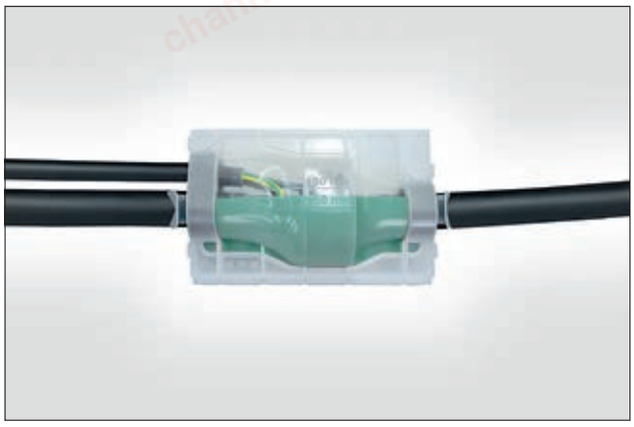
Application: In low-voltage electrical networks as branch joint for building connections. Underground, submerged, outdoor, indoor.

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 EN 50393 (corresponds to DIN VDE 0278-393)

Content of Set / Kit

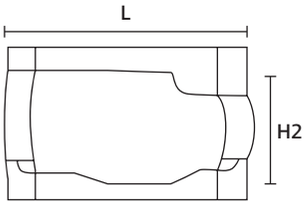
- Cast resin PUR 33, 1950 ml/2672 g
- In a two-chamber pouch or in cans
- Transparent moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, cable kit, installation instructions
- SF-nozzle (two-chamber pouch)
- Mixing stick (can)



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

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

RoHS



PAH-2

TYPE	Ø Main Cable	Main Cable mm² min - max		Ø Branch Cable	Branch Cable mm² min - max		Length (L)	Height (H2)	Connector	Pack	Article-No.
PAH-2-130/300-C-S	27-49	4 x 35	4 x 95	15-33	4 x 6	4 x 70	300.0	130.0	Isicompact-S	Can	435-00168
PAH-2-130/300-B-SF-S	27-49	4 x 35	4 x 95	15-33	4 x 6	4 x 70	300.0	130.0	Isicompact-S	Bag	435-00174
PAH-2-130/300-B-SF	27-49	4 x 35	4 x 150	15-33	4 x 6	4 x 70	300.0	130.0	none	Bag	435-00154
PAH-2-130/300-C	27-49	4 x 35	4 x 150	15-33	4 x 6	4 x 70	300.0	130.0	none	Can	435-00160
PAH-2-130/300-C-M	27-49	4 x 35	4 x 150	15-33	4 x 6	4 x 70	300.0	130.0	Isicompact-M	Can	435-00165
PAH-2-130/300-B-SF-M	27-49	4 x 35	4 x 150	15-33	4 x 6	4 x 70	300.0	130.0	Isicompact-M	Bag	435-00171

All dimensions in mm. Subject to technical changes.

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Parallel branch joint house connections

RELICON PAH-3, non-toxic

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.

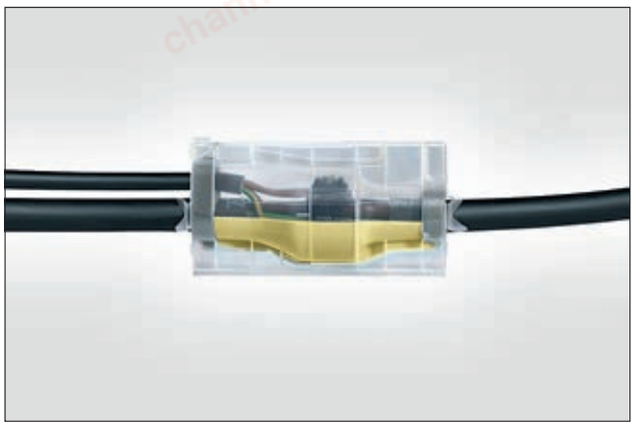
Application: In low-voltage electrical networks as branch joint for building connections. Underground, submerged, outdoor, indoor.

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

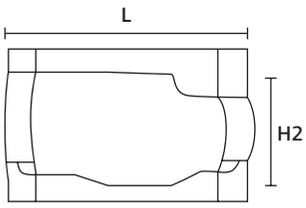
- Cast resin Reliflex, 2800 ml/3416 g, non-toxic
- In a two-chamber pouch or in cans
- Transparent moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, cable kit, installation instructions
- SF-nozzle (two-chamber pouch)
- Mixing stick (can)



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

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

RoHS



PAH-3

TYPE	Ø Main Cable	Main Cable mm² min	Main Cable mm² max	Ø Branch Cable	Branch Cable mm² min	Branch Cable mm² max	Length (L)	Height (H2)	Connector	Pack	Article-No.
PAH-3-135/360-B-SF	27-49	4 x 35	4 x 95	15-33	4 x 6	4 x 70	360.0	135.0	none	Bag	435-00856
PAH-3-135/360-C-S	27-49	4 x 35	4 x 95	15-33	4 x 6	4 x 70	360.0	135.0	Isicompact-S	Can	435-00865
PAH-3-135/360-B-SF-S	27-49	4 x 35	4 x 95	15-33	4 x 6	4 x 70	360.0	135.0	Isicompact-S	Bag	435-00869
PAH-3-135/360-C	27-49	4 x 35	4 x 185	15-33	4 x 6	4 x 70	360.0	135.0	none	Can	435-00859
PAH-3-135/360-C-M	27-49	4 x 35	4 x 185	15-33	4 x 6	4 x 70	360.0	135.0	Isicompact-M	Can	435-00863
PAH-3-135/360-B-SF-M	27-49	4 x 35	4 x 185	15-33	4 x 6	4 x 70	360.0	135.0	Isicompact-M	Bag	435-00867

All dimensions in mm. Subject to technical changes.

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CAT RELICON

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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.

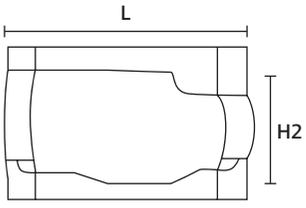
Application: In low-voltage electrical networks as branch joint for building connections. Underground, submerged, outdoor, indoor.

Features and Benefits

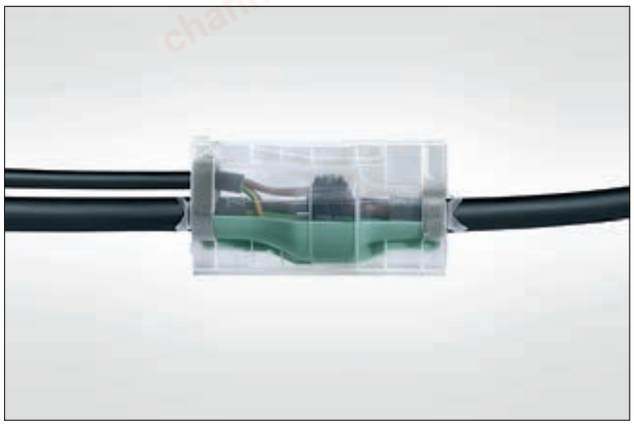
- Impact-proof, transparent moulding shell
- Compact, optimized dimensions
- Longitudinally and transversely watertight
- SF-system
- Joint can be cast under influence of water
- Immediately ready for use
- Suitable for all compact branch clamping rings

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)



PAH-3



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

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

RoHS

TYPE	Ø Main Cable	Main Cable mm² min	Main Cable mm² max	Ø Branch Cable	Branch Cable mm² min	Branch Cable mm² max	Length (L)	Height (H2)	Connector	Pack	Article-No.
PAH-3-135/360-C-S	27-49	4 x 35	4 x 70	15-33	4 x 6	4 x 95	360.0	135.0	Isicompact-S	Can	435-00169
PAH-3-135/360-B-SF-S	27-49	4 x 35	4 x 95	15-33	4 x 6	4 x 70	360.0	135.0	Isicompact-S	Bag	435-00175
PAH-3-135/360-B-SF	27-49	4 x 35	4 x 185	15-33	4 x 6	4 x 70	360.0	135.0	none	Bag	435-00155
PAH-3-135/360-C	27-49	4 x 35	4 x 185	15-33	4 x 6	4 x 70	360.0	135.0	none	Can	435-00161
PAH-3-135/360-C-M	27-49	4 x 35	4 x 185	15-33	4 x 6	4 x 70	360.0	135.0	Isicompact-M	Can	435-00166
PAH-3-135/360-B-SF-M	27-49	4 x 35	4 x 185	15-33	4 x 6	4 x 70	360.0	135.0	Isicompact-M	Bag	435-00172

All dimensions in mm. Subject to technical changes.

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CAT RELICON

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Parallel branch joint house connections

RELICON PAH-4, non-toxic

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.

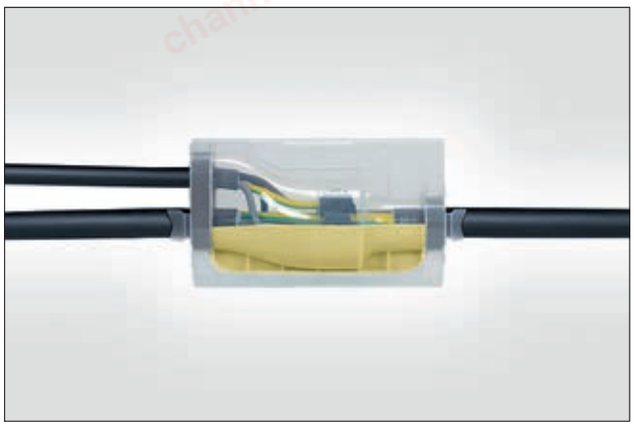
Application: In low-voltage electrical networks as branch joint for building connections. Underground, submerged, outdoor, indoor.

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

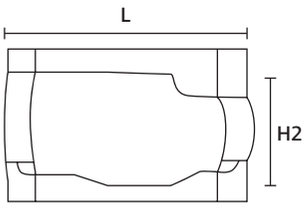
- Cast resin Reliflex, 3900 ml/4758 g, non-toxic
- In a two-chamber pouch or in cans
- Transparent moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, cable kit, installation instructions
- SF-nozzle (two-chamber pouch)
- Mixing stick (can)



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

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

RoHS



PAH-4

Without branch connector!

TYPE	Ø Main Cable	Main Cable mm² min - max		Ø Branch Cable	Branch Cable mm² min - max		Length (L)	Height (H2)	Connector	Pack	Article-No.
PAH-4-140/420-B-SF	27-58	4 x 70	4 x 240	15-49	4 x 70	4 x 240	420.0	140.0	none	Bag	435-00857
PAH-4-140/420-C	27-58	4 x 70	4 x 240	15-49	4 x 70	4 x 240	420.0	140.0	none	Can	435-00860

All dimensions in mm. Subject to technical changes.

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

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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.

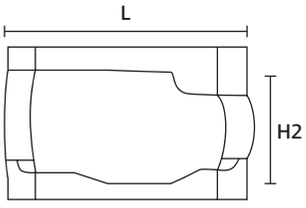
Application: In low-voltage electrical networks as branch joint for building connections. Underground, submerged, outdoor, indoor.

Features and Benefits

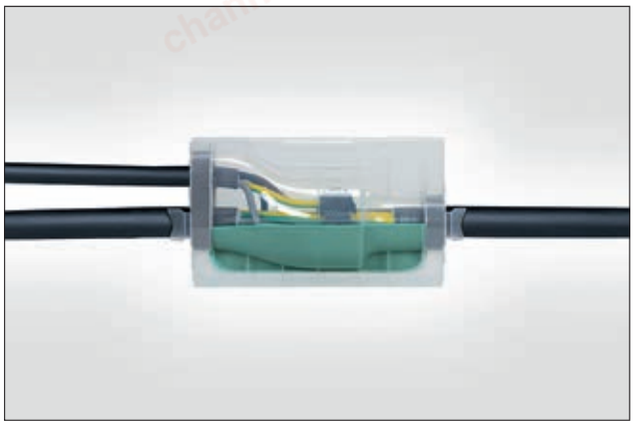
- Impact-proof, transparent moulding shell
- Compact, optimized dimensions
- Longitudinally and transversely watertight
- SF-system
- Joint can be cast under influence of water
- Immediately ready for use
- Suitable for all compact branch clamping rings

Content of Set / Kit

- Cast resin 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)



PAH-4



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

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

RoHS

Without branch connector!

TYPE	Ø Main Cable	Main Cable mm² min	Main Cable mm² max	Ø Branch Cable	Branch Cable mm² min	Branch Cable mm² max	Length (L)	Height (H2)	Connector	Pack	Article-No.
PAH-4-140/420-B-SF	27-58	4 x 70	4 x 240	15-49	4 x 70	4 x 240	420.0	140.0	none	Bag	435-00156
PAH-4-140/420-C	27-58	4 x 70	4 x 240	15-49	4 x 70	4 x 240	420.0	140.0	none	Can	435-00162

All dimensions in mm. Subject to technical changes.

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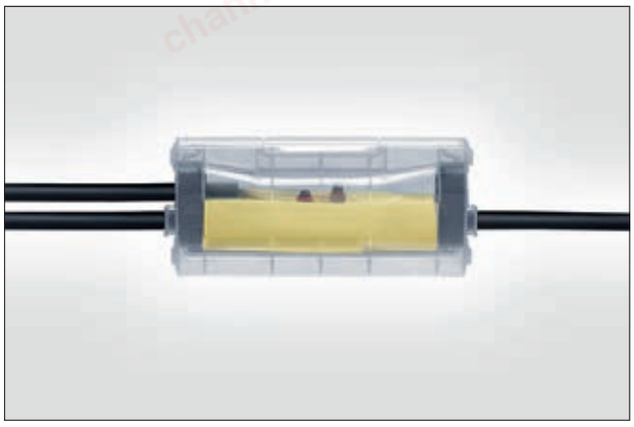
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Parallel branch joint

RELICON PA-11, non-toxic

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

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



Parallel branch joint PA-11 58/230.

Features and Benefits

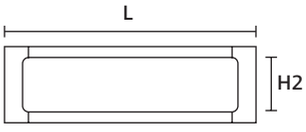
- One-piece, impact-proof, transparent moulding shell
- Captive lids
- Compact, optimized dimensions
- Longitudinally and transversely watertight
- Joint can be cast under influence of water
- Immediately ready for use

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	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

RoHS



PA-11

Without branch connector!

TYPE	Ø Main Cable	Main Cable mm² min	Main Cable mm² max	Ø Branch Cable	Branch Cable mm² min	Branch Cable mm² max	Length (L)	Height (H2)	Resin Quantity	Pack	Article-No.
PA-11-58/230-B-SF	13-21	4 x 1.5	5 x 10	13-21	4 x 1.5	5 x 10	230.0	58.0	490 ml/598 g	Bag	435-00850
PA-11-58/230-C	13-21	4 x 1.5	5 x 10	13-21	4 x 1.5	5 x 10	230.0	58.0	490 ml/598 g	Can	435-00853

All dimensions in mm. Subject to technical changes.

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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.

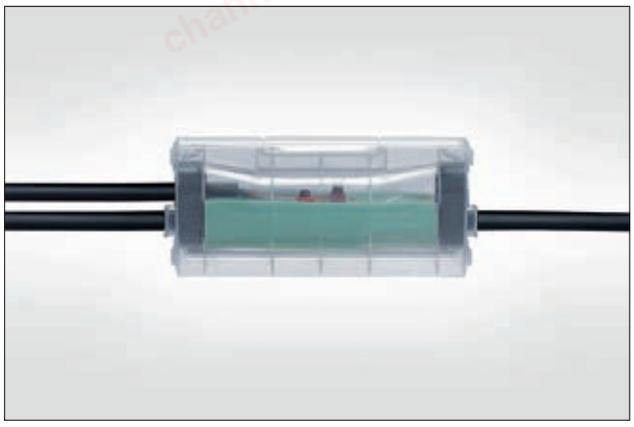
Application: In low-voltage electrical networks as well as for signal and communication cables. For power supply lines for outdoor lighting and for cable repairs. In general connections in industrial buildings, power supply in the ground, outdoors and in the water.

Features and Benefits

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

Content of Set / Kit

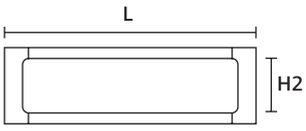
- Cast resin PUR 33
- In a two-chamber pouch or in cans
- Transparent, one-piece moulding shell
- Foam seal, protective gloves, emery cloth
- Cleaning cloth, installation instructions
- SF-nozzle (two-chamber pouch)
- Mixing stick (can)



Parallel branch joint PA-11 58/230.

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



PA-11

Without branch connector!

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

All dimensions in mm. Subject to technical changes.

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CAT RELICON

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Parallel branch joint

RELICON PA-12, non-toxic

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

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



Parallel branch joint PA-12 75/300.

Features and Benefits

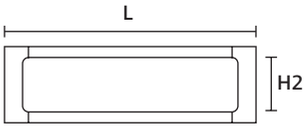
- One-piece, impact-proof, transparent moulding shell
- Captive lids
- Compact, optimized dimensions
- Longitudinally and transversely watertight
- Joint can be cast under influence of water
- Immediately ready for use

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	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

RoHS



PA-12

Without branch connector!

TYPE	Ø Main Cable	Main Cable mm² min - max		Ø Branch Cable	Branch Cable mm² min - max		Length (L)	Height (H2)	Resin Quantity	Pack	Article-No.
PA-12-75/300-B-SF	17-29	4 x 16	5 x 25	13-22	4 x 6	5 x 16	300.0	75.0	955 ml/1165 g	Bag	435-00851
PA-12-75/300-C	17-29	4 x 16	5 x 25	13-22	4 x 6	5 x 16	300.0	75.0	955 ml/1165 g	Can	435-00854

All dimensions in mm. Subject to technical changes.

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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.

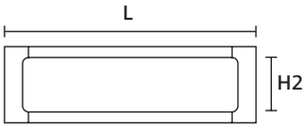
Application: In low-voltage electrical networks as well as for signal and communication cables. For power supply lines for outdoor lighting and for cable repairs. In general connections in industrial buildings, power supply in the ground, outdoors and in the water.

Features and Benefits

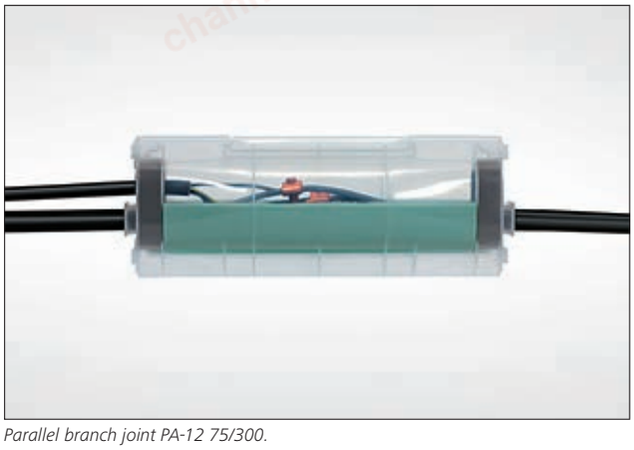
- One-piece, impact-proof, transparent moulding shell
- Captive lids
- Compact, optimized dimensions
- Longitudinally and transversely watertight
- Joint can be cast under influence of water
- Immediately ready for use

Content of Set / Kit

- Cast resin PUR 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)



PA-12



Parallel branch joint PA-12 75/300.

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!

TYPE	Ø Main Cable	Main Cable mm² min	Main Cable mm² max	Ø Branch Cable	Branch Cable mm² min	Branch Cable mm² max	Length (L)	Height (H2)	Resin Quantity	Pack	Article-No.
PA-12-75/300-B-SF	17-29	4 x 16	5 x 25	13-22	4 x 6	5 x 16	300.0	75.0	955 ml/1308 g	Bag	435-00151
PA-12-75/300-C	17-29	4 x 16	5 x 25	13-22	4 x 6	5 x 16	300.0	75.0	955 ml/1308 g	Can	435-00158

All dimensions in mm. Subject to technical changes.

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CAT RELICON

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Parallel branch joint

RELICON PA-13, non-toxic

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

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



Parallel branch joint PA-13 95/420.

Features and Benefits

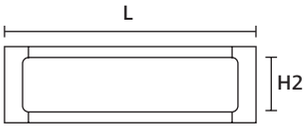
- One-piece, impact-proof, transparent moulding shell
- Captive lids
- Compact, optimized dimensions
- Longitudinally and transversely watertight
- Joint can be cast under influence of water
- Immediately ready for use

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	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

RoHS



PA-13

Without branch connector!

TYPE	Ø Main Cable	Main Cable mm² min	Main Cable mm² max	Ø Branch Cable	Branch Cable mm² min	Branch Cable mm² max	Length (L)	Height (H2)	Resin Quantity	Pack	Article-No.
PA-13-95/420-B-SF	27-35	4 x 10	5 x 35	21-30	4 x 25	5 x 35	420.0	95.0	2240 ml/2733 g	Bag	435-00852
PA-13-95/420-C	27-35	4 x 10	5 x 35	21-30	4 x 25	5 x 35	420.0	95.0	2240 ml/2733 g	Can	435-00861

All dimensions in mm. Subject to technical changes.

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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.

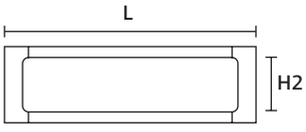
Application: In low-voltage electrical networks as well as for signal and communication cables. For power supply lines for outdoor lighting and for cable repairs. In general connections in industrial buildings, power supply in the ground, outdoors and in the water.

Features and Benefits

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

Content of Set / Kit

- Cast resin PUR 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)



PA-13



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!

TYPE	Ø Main Cable	Main Cable mm² min	Main Cable mm² max	Ø Branch Cable	Branch Cable mm² min	Branch Cable mm² max	Length (L)	Height (H2)	Resin Quantity	Pack	Article-No.
PA-13-95/420-B-SF	27-35	4 x 10	5 x 35	21-30	4 x 25	5 x 35	420.0	95.0	2240 ml/3069 g	Bag	435-00152
PA-13-95/420-C	27-35	4 x 10	5 x 35	21-30	4 x 25	5 x 35	420.0	95.0	2240 ml/3069 g	Can	435-00163

All dimensions in mm. Subject to technical changes.

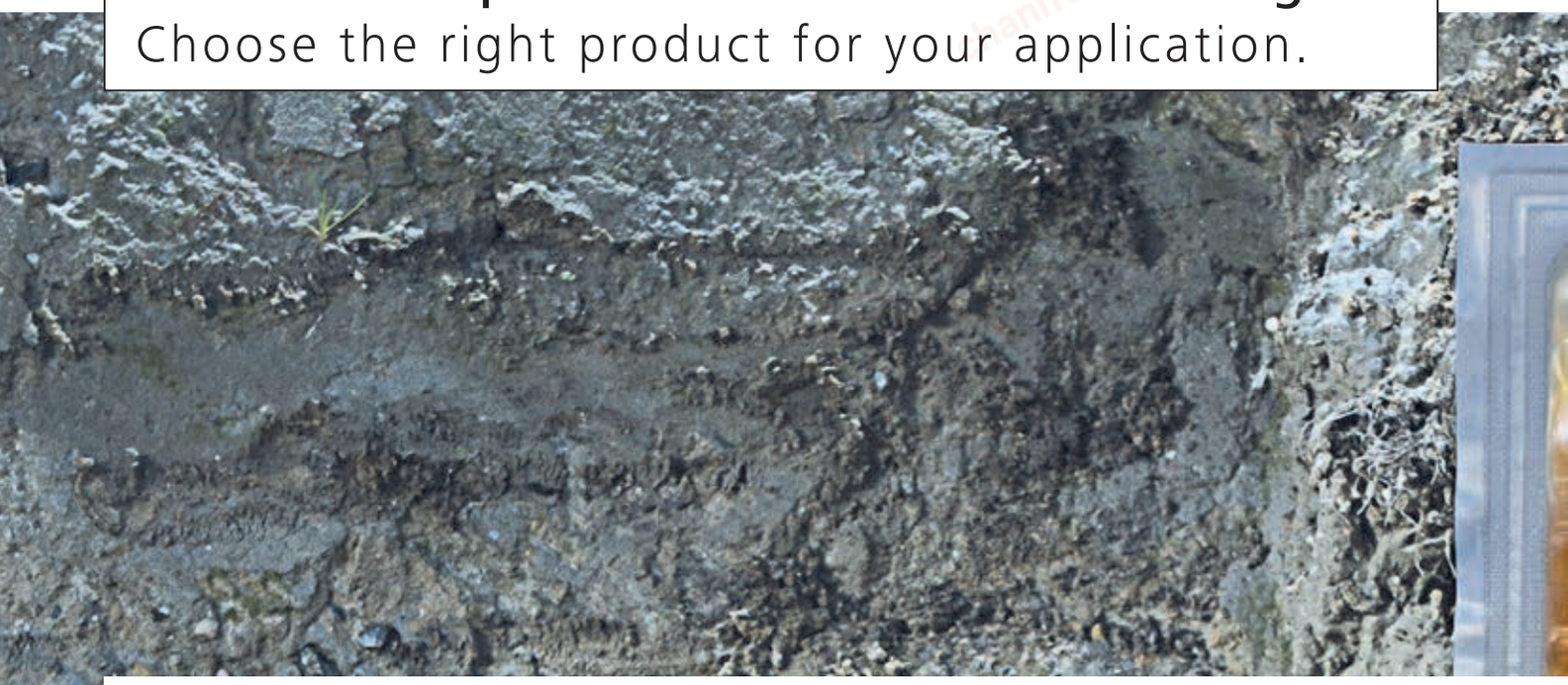
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RELICON expertise for cast resins and gels:
Choose the right product for your application.



PRODUCT FAMILY	Pot Life	Shore Hardness A	Shore Hardness D	Operating Temperature	Dielectric Strength	Shelf Life	Exothermicity max.	Removable
Two-component polyurethane cast resin								
RELICON PUR 33	43 min. 5 °C, 15 min. 23 °C, 8 min. 40 °C	–	65±5	-25 °C to +120 °C	38 kV/mm	48 months	+71 °C	–
RELICON PUR 66	43 min. 5 °C, 15 min. 23 °C, 8 min. 40 °C	–	68±5	-25 °C to +120 °C	38 kV/mm	48 months	+71 °C	–
RELICON PUR 661 LP	130 min. 5 °C, 40 min. 23 °C, 20 min. 40 °C	–	56±5	-25 °C to +120 °C	>20 kV/mm	48 months	+58 °C	–
RELICON PUR 771	50 min. 5 °C, 15 min. 23 °C, 5 min. 40 °C	–	56±5	-25 °C to +130 °C	>20 kV/mm	36 months	+71 °C	–
RELICON PUR 44 Flex	35 min. 5 °C, 15 min. 23 °C, 6 min. 40 °C	60±5	–	-25 °C to +120 °C	20 kV/mm	24 months	+80 °C	–
RELICON PUR 112 FR	50 min. 5 °C, 15 min. 23 °C, 5 min. 40 °C	–	80±5	-25 °C to +130 °C	>20 kV/mm	36 months	+71 °C	–
Two-component cold casting compound								
RELICON Reliflex	40 min. 5 °C, 20 min. 23 °C, 10 min. 40 °C	20±5	–	-40 °C to +90 °C	>10 kV/mm	36 months	–	Yes
Two-component epoxy resin								
RELICON EP 64	32 min. 5 °C, 13 min. 23 °C, 8 min. 35 °C	–	80±5	-20 °C to +140 °C	>20 kV/mm	48 months	+140 °C	–
RELICON EP 20	8 min. 40 °C, 18 min. 23 °C, 35 min. 5 °C	–	70±5	-20 °C to +140 °C	>20 kV/mm	48 months	+100 °C	–
Two-component gel								
RELICON KH 100	40 min. 23 °C	–	–	-40 °C to +90 °C	>20 kV/mm	18 months	–	Yes
RELICON KH 67	40 min. 23 °C	–	–	-40 °C to +90 °C	>15 kV/mm	36 months	–	Yes
Two-component silicone gel								
RELICON Religel	10 min. 23 °C	–	–	-40 °C to +140 °C	>20 kV/mm	Unlimited	–	Yes

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RELICON by HellermannTyton



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

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Two-component polyurethane cast resin

RELICON PUR 33

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

Application: For indoor and outdoor use.

Features and Benefits

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



Two-component polyurethane cast resin PUR 33.

MATERIAL	Polyurethane resin 33 (PUR33)
Colour	Green (GN)
Operating Temperature	-25 °C to +120 °C
Mixing Ratio (weight)	100:26
Exothermicity max.	+71 °C
Gel Time	48 min. 5 °C, 20 min. 23 °C, 9 min. 40 °C
Pot Life	43 min. 5 °C, 15 min. 23 °C, 8 min. 40 °C
Dielectric Strength	38 kV/mm
Viscosity	4500 mPa*s, 5 °C (EN ISO 2555), 3000 mPa*s, 23 °C (EN ISO 2555)
Impact Strength	26 kJ/m²
Shore Hardness D	65±5
Storage Temperature	+4 °C to +40 °C
Shelf Life	48 months

HF RoHS

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

All dimensions in mm. Subject to technical changes.

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Two-component polyurethane cast resin

RELICON PUR 66

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

Application: For indoor and outdoor use.

Features and Benefits

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



Two-component polyurethane cast resin PUR 66.

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

HF RoHS

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

All dimensions in mm. Subject to technical changes.

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

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Two-component polyurethane cast resin

RELICON PUR 771

The RELICON PUR 771 cast resin has been created for the electrical insulation and mechanical protection of cable connections in low-voltage electrical networks. Also suitable as mechanical and moisture protection on medium-voltage cable connections.

Application: For indoor and outdoor use.

Features and Benefits

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



Two-component polyurethane cast resin PUR 771.

MATERIAL	Polyurethane resin 771 (PUR771)
Colour	Black (BK)
Operating Temperature	-25 °C to +130 °C
Mixing Ratio (weight)	100:22
Exothermicity max.	+71 °C
Gel Time	70 min. 5 °C, 20 min. 23 °C, 8 min. 40 °C
Pot Life	50 min. 5 °C, 15 min. 23 °C, 5 min. 40 °C
Dielectric Strength	>20 kV/mm
Viscosity	4000 mPa*s, 5 °C (EN ISO 2555), 2000 mPa*s, 23 °C (EN ISO 2555)
Impact Strength	16 kJ/m²
Shore Hardness D	56±5
Storage Temperature	+4 °C to +40 °C
Shelf Life	36 months

HF RoHS

TYPE	Resin Quantity	Article-No.
Resin-771-B-SF	95 ml/130 g	435-01214
	240 ml/329 g	435-01215
	490 ml/671 g	435-01216
	655 ml/897 g	435-01217
	955 ml/1308 g	435-01218
	1140 ml/1562 g	435-01219
	1445 ml/1980 g	435-01220
	1640 ml/2247 g	435-01221
	1950 ml/2672 g	435-01222
	2045 ml/2802 g	435-01223

All dimensions in mm. Subject to technical changes.

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Two-component polyurethane cast resin

RELICON PUR 44 Flex

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

Application: For indoor and outdoor use.

Features and Benefits

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



Two-component polyurethane cast resin PUR 44 Flex.

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

HF ✓ RoHS ✓

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

All dimensions in mm. Subject to technical changes.

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Two-component polyurethane cast resin

RELICON PUR 112 FR

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

Application: For indoor and outdoor use.

Features and Benefits

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



Two-component polyurethane cast resin PUR 112 FR.

MATERIAL	Polyurethane resin 112 FR (PUR112 FR)
Colour	Beige (BGE)
Operating Temperature	-25 °C to +130 °C
Mixing Ratio (weight)	100:22
Gel Time	70 min. 5 °C, 20 min. 23 °C, 8 min. 40 °C
Pot Life	50 min. 5 °C, 15 min. 23 °C, 5 min. 40 °C
Dielectric Strength	>20 kV/mm
Impact Strength	> 8 kJ/m²
Shore Hardness D	80±5
Storage Temperature	+4 °C to +40 °C
Shelf Life	36 months

HF ✓ RoHS ✓

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

All dimensions in mm. Subject to technical changes.

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CAT RELICON

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Two-component epoxy resin

RELICON EP 64

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

Application: For indoor and outdoor use.

Features and Benefits

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



Two-component epoxy resin EP64.

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

HF ✓ RoHS ✓

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

All dimensions in mm. Subject to technical changes.

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CAT RELICON

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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



Two-component epoxy resin EP20.

MATERIAL	Epoxy resin EP20 (EP20)
Colour	Yellow (YE)
Operating Temperature	-20 °C to +140 °C
Mixing Ratio (weight)	100:65
Exothermicity max.	+100 °C
Pot Life	8 min. 40 °C, 18 min. 23 °C, 35 min. 5 °C
Dielectric Strength	>20 kV/mm
Viscosity	2000 mPa*s, 23 °C (EN ISO 2555)
Shore Hardness D	70±5
Storage Temperature	+4 °C to +40 °C
Shelf Life	48 months

HF ✓ RoHS ✓

TYPE	Resin Quantity	Article-No.
Resin-20-B-SF	95 ml/103 g	435-00450
	165 ml/178 g	435-00451
	220 ml/238 g	435-00452
	240 ml/259 g	435-00453
	400 ml/432 g	435-00454
	455 ml/491 g	435-00455
	490 ml/529 g	435-00456
	655 ml/707 g	435-00457
	955 ml/1031 g	435-00458
	1140 ml/1231 g	435-00459
	1445 ml/1561 g	435-00460
	1640 ml/1771 g	435-00461
	1950 ml/2106 g	435-00462
	2045 ml/2209 g	435-00463

All dimensions in mm. Subject to technical changes.

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

03/2017 031-93417
CAT RELICON

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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



Two-component cold casting compound Reliflex.

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

RoHS

TYPE	Resin Quantity	Article-No.
Resin-RF-B-SF	95 ml/116 g	435-00550
	165 ml/201 g	435-00551
	220 ml/268 g	435-00552
	240 ml/293 g	435-00553
	400 ml/488 g	435-00554
	455 ml/555 g	435-00555
	490 ml/598 g	435-00556
	655 ml/799 g	435-00557
	955 ml/1165 g	435-00558
	1140 ml/1391 g	435-00559
	1445 ml/1763 g	435-00560
	1640 ml/2001 g	435-00561
	1950 ml/2379 g	435-00562
	2045 ml/2495 g	435-00563

All dimensions in mm. Subject to technical changes.

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Two-component polyurethane sealing mastic

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 house hold waste
- Halogen free



Two-component polyurethane cast resin PUR DS.

MATERIAL	Polyurethane resin DS (PUR DS)
Colour	Grey (GY)
Operating Temperature	-25 °C to +110 °C
Mixing Ratio (weight)	100:52
Pot Life	15 min. 23 °C
Shore Hardness D	30±5
Storage Temperature	+4 °C to +40 °C
Shelf Life	24 months

HF ✓ RoHS ✓

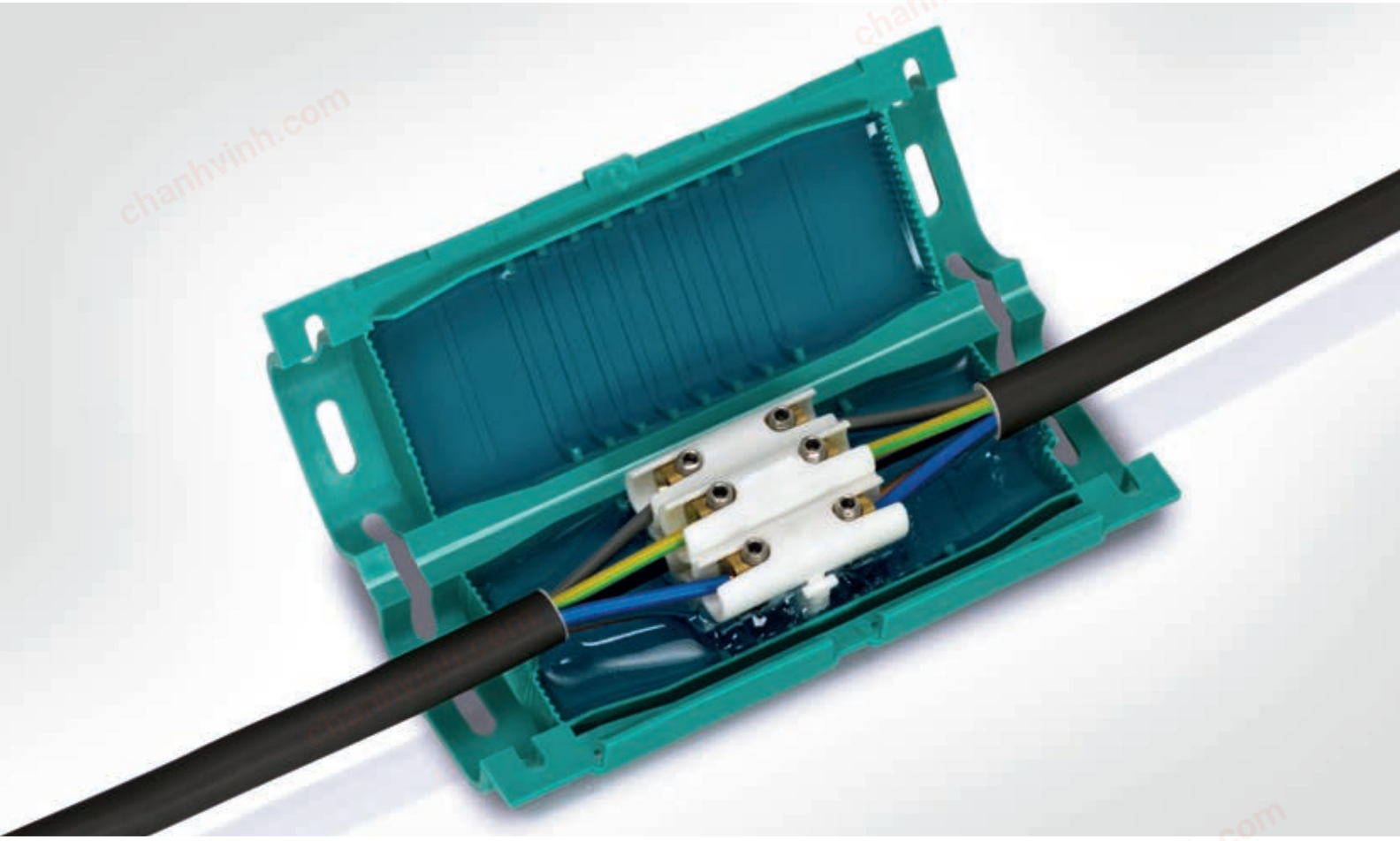
TYPE	Resin Quantity	Article-No.
Resin-DS-B-SF	250 ml/275 g	435-00600
	490 ml/539 g	435-00601

All dimensions in mm. Subject to technical changes.

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

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RELICON by HellermannTyton



Gel Technology

Gel cable joint with connector	
RELICON Reliseal Overview	38
RELICON Reliseal V 56, V 510, V 525	39
RELICON Relilight Overview	40
RELICON Relilight V 2.75 I1	42
RELICON Relilight V 31.5 U1	42
RELICON Relilight V 32.5 I2	43
RELICON Relilight V 32.5 P1	43
RELICON Relilight V 34 P2	44
RELICON Relilight V 36 P2	44
RELICON Relilight V 41.5 P1	45
RELICON Relilight V 41 U1	45
RELICON Relilight V 61.5 I2	46
Gel cable joint without connector	
RELICON Relifix	48
Gel cable joint with connector	
RELICON Relifix V	49
RELICON Relifix VY	50
Gel accessories	
RELICON Relifix ZE	51
Two-component gel	
RELICON KH 67	53
RELICON KH 100	55
Two-component silicone gel	
RELICON Religel	54

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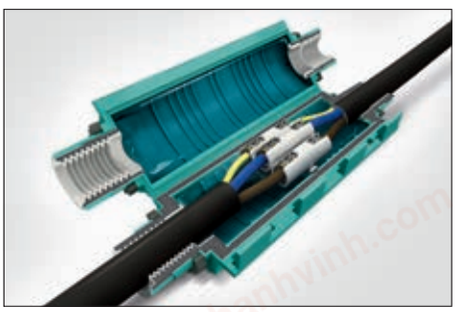
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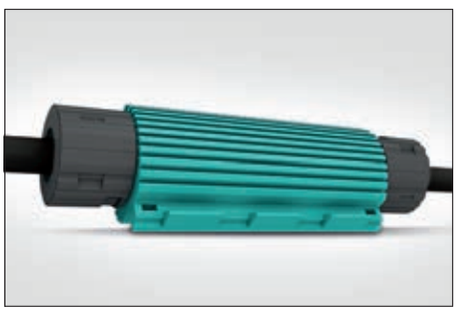
RELICON by HellermannTyton

RELICON Reliseal gel cable joints: for connections under extreme conditions

Reliseal gel cable joints are designed for reliability and robustness under the toughest conditions. They are tested to IP68 (waterproof to 10 meters) and feature an integrated strain relief mechanism that ensures maximum protection, insulation and sealing of cable connections in extreme environments. RELICON Reliseal is tested according to EN 60529:1991.

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





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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. The system is tested according to EN 60529:1991. They can be used for jointing on polymeric cables and wires made of PVC, XLPE, PE, EPR, etc. Reliseal fulfils the highest requirements for electrical installations and offers mechanical protection, insulation and sealing in one work step. The installer saves time and requires no special installation tools.

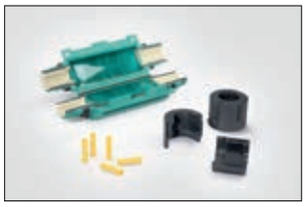
Application: In low-voltage electrical networks as straight-through joint. In general connections in industrial buildings, underground, submerged, outdoor, indoor and in wiring ducts.



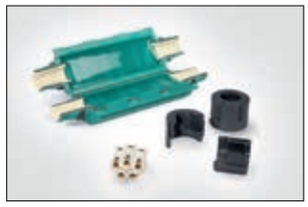
Reliseal gel cable joint, available in three sizes.

Features and Benefits

- Moulding shell: one piece, re-openable, impact-proof, flame retardant
- Perfect strain relief provided by patented cable gland system
- Protection class IP68, 10 m
- Filled with RELICON non-toxic gel, high dielectric strength
- No mixing, easy to install
- UV, ageing and weather resistant
- Unlimited shelf life
- With connector, ready to assembly
- Tested according to EN 60529:1991



Gel cable joint Reliseal V 56.



Gel cable joint Reliseal V 510.

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



Gel cable joint Reliseal V 525.

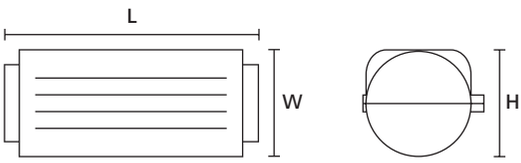
Application video:
RELICON gel filled cable joints

With connector!

IP68, 10 meter

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

RoHS



Reliseal V

TYPE	Main Cable mm² min	Main Cable mm² max	Length (L)	Width (W)	Height (H)	Article-No.
Reliseal V56	3 x 2.5	5 x 6	190.0	60.0	47.0	435-01660
Reliseal V510	3 x 4	5 x 10	235.0	69.0	49.0	435-01661
Reliseal V525	3 x 10	5 x 25	310.0	88.0	60.0	435-01662

All dimensions in mm. Subject to technical changes.

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RELICON by HellermannTyton

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 EN 60998-2-1:2004. It is resistant to ageing and weathering and withstands temperatures from -30 to +130 °C.







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CAT RELICON

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Gel cable joint with connector

RELICON Relilight

Relilight gel cable joints are designed for light installations, especially LED lighting. They are tested according to EN 60998-2-1: 2004 and offer IP68 protection class. The moulding shells are also flame retardant. Depending on the connector type, Relilight can be used either for straight-through or as branch joints. They are suitable for jointing on polymeric cables and wires made of PVC, XLPE, PE, EPR etc. The silicone-based 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.



Relilight gel cable joint.

Features and Benefits

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

Content of Set / Kit

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

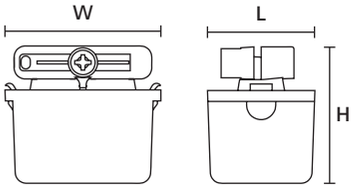
MATERIAL	Polyamide 6.6 V0 (PA66V0), Silicone Rubber (SIR)
Colour	Black (BK)
Operating Temperature	-30 °C to +130 °C
Shelf Life	Unlimited
Flammability	UL94 V0

RoHS

With connector block!

IP68, 1.3 meter

Application video: RELICON gel filled cable joints



TYPE	Ø Main Cable	Main Cable mm² min - max		Branch Cable mm² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
Relilight V2.75 I1	4.8-6	2 x 0.35	2 x 0.75	-	-	250V, 6A	44.0	18.0	17.5	435-01650
Relilight V32.5 I2	6.5-12	3 x 0.5	3 x 2.5	-	-	250V, 16A	100.0	24.0	29.0	435-01651
Relilight V32.5 P1	6.5-12	3 x 0.5	3 x 2.5	3 x 0.5	3 x 2.5	250V, 16A	105.0	44.0	24.0	435-01655
Relilight V41.5 P1	6.5-12	4 x 0.5	4 x 1.5	4 x 0.5	4 x 1.5	250V, 16A	105.0	44.0	24.0	435-01656
Relilight V61.5 I2	6.5-12	6 x 0.5	6 x 1.5	-	-	12V - 24V	100.0	24.0	29.0	435-01652
Relilight V34 P2	7.5-16	3 x 1.5	3 x 4	3 x 1.5	3 x 4	450V, 25A	138.0	78.0	35.0	435-01657
Relilight V36 P2	7.5-16	3 x 1.5	3 x 6	3 x 1.5	3 x 6	450V, 25A	138.0	78.0	35.0	435-01658
Relilight V31.5 U1	8.0-10	3 x 0.5	3 x 1.5	-	-	250V, 16A	38.0	42.5	29.5	435-01653
Relilight V41 U1	8.0-10	4 x 0.5 / 6 x 0.35	4 x 1 / 6 x 0.5	-	-	12V - 24V	38.0	42.5	29.5	435-01654

All dimensions in mm. Subject to technical changes.

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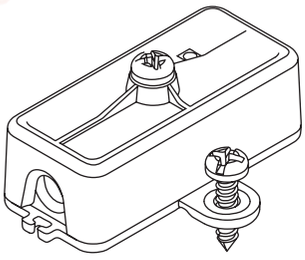
For product specific approvals please contact us under **www.HellermannTyton.com**

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RELICON Relilight V 2.75 I1

Content of Set / Kit

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



Relilight V 2.75 I1



Gel cable joint Relilight V 2.75 I1.

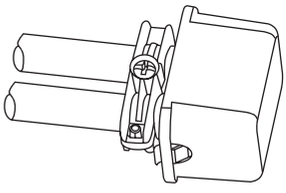
TYPE	Ø Main Cable	Main Cable mm² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
Relilight V2.75 I1	4.8-6	2 x 0.35	2 x 0.75	250V, 6A	44.0	18.0	17.5	435-01650

All dimensions in mm. Subject to technical changes.

RELICON Relilight V 31.5 U1

Content of Set / Kit

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



Relilight V 31.5 U1



Gel cable joint Relilight V 31.5 U1.

TYPE	Ø Main Cable	Main Cable mm² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
Relilight V31.5 U1	8.0-10	3 x 0.5	3 x 1.5	250V, 16A	38.0	42.5	29.5	435-01653

All dimensions in mm. Subject to technical changes.

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

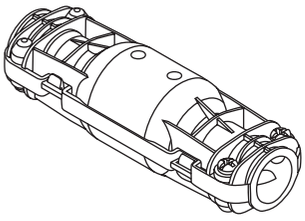
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RELICON Relilight V 32.5 I2

Content of Set / Kit

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



Relilight V 61.5 I2



Gel cable joint Relilight V 32.5 I2.

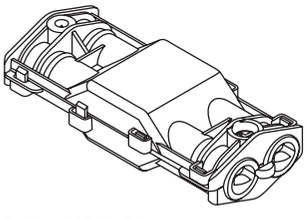
TYPE	Ø Main Cable	Main Cable mm² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
Relilight V32.5 I2	6.5-12	3 x 0.5	3 x 2.5	250V, 16A	100.0	24.0	29.0	435-01651

All dimensions in mm. Subject to technical changes.

RELICON Relilight V 32.5 P1

Content of Set / Kit

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



Relilight V 32.5 P1



Gel cable joint Relilight V 32.5 P1.

TYPE	Ø Main Cable	Main Cable mm² min - max		Branch Cable mm² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
Relilight V32.5 P1	6.5-12	3 x 0.5	3 x 2.5	3 x 0.5	3 x 2.5	250V, 16A	105.0	44.0	24.0	435-01655

All dimensions in mm. Subject to technical changes.

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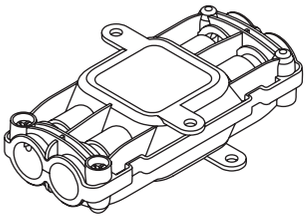
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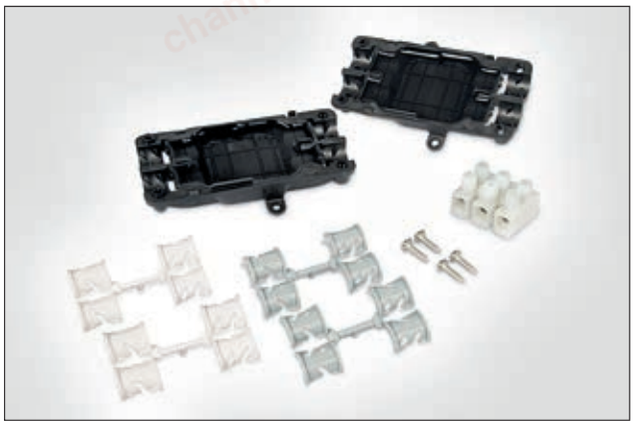
RELICON Relilight V 34 P2

Content of Set / Kit

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



Relilight V 34 P2



Gel cable joint Relilight V 34 P2.

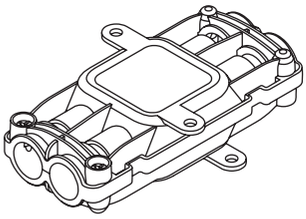
TYPE	Ø Main Cable	Main Cable mm² min - max		Branch Cable mm² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
Relilight V34 P2	7.5-16	3 x 1.5	3 x 4	3 x 1.5	3 x 4	450V, 25A	138.0	78.0	35.0	435-01657

All dimensions in mm. Subject to technical changes.

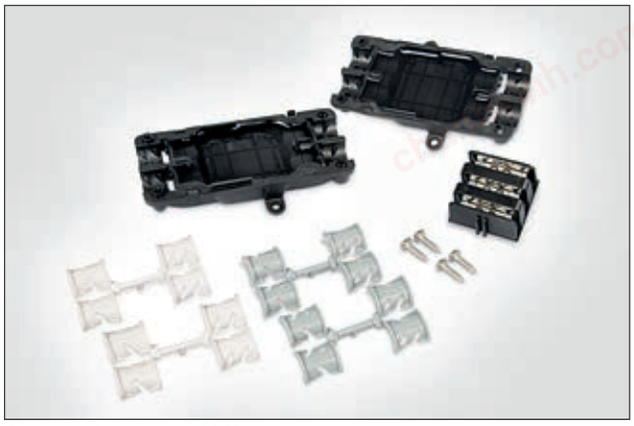
RELICON Relilight V 36 P2

Content of Set / Kit

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



Relilight V 36 P2



Gel cable joint Relilight V 36 P2.

TYPE	Ø Main Cable	Main Cable mm² min - max		Branch Cable mm² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
Relilight V36 P2	7.5-16	3 x 1.5	3 x 6	3 x 1.5	3 x 6	450V, 25A	138.0	78.0	35.0	435-01658

All dimensions in mm. Subject to technical changes.

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

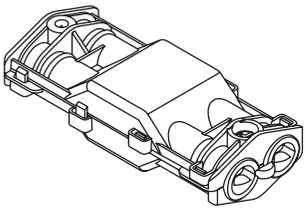
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RELICON Relilight V 41.5 P1

Content of Set / Kit

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



Relilight V 41.5 P1



Gel cable joint Relilight V 41,5 P1.

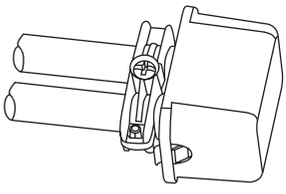
TYPE	Ø Main Cable	Main Cable mm² min - max		Branch Cable mm² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
Relilight V41.5 P1	6.5-12	4 x 0.5	4 x 1.5	4 x 0.5	4 x 1.5	250V, 16A	105.0	44.0	24.0	435-01656

All dimensions in mm. Subject to technical changes.

RELICON Relilight V 41 U1

Content of Set / Kit

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



Relilight V 41 U1



Gel cable joint Relilight V 41 U1.

TYPE	Ø Main Cable	Main Cable mm² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
Relilight V41 U1	8.0-10	4 x 0.5 / 6 x 0.35	4 x 1 / 6 x 0.5	12V - 24V	38.0	42.5	29.5	435-01654

All dimensions in mm. Subject to technical changes.

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CAT RELICON

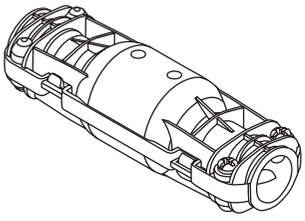
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RELICON Relilight V 61.5 I2

Content of Set / Kit

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



Relilight V 61.5 I2



Gel cable joint Relilight V 61.5 I2.

TYPE	Ø Main Cable	Main Cable mm² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
Relilight V61.5 I2	6.5-12	6 x 0.5	6 x 1.5	12V - 24V	100.0	24.0	29.0	435-01652

All dimensions in mm. Subject to technical changes.

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CAT RELICON

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RELICON by HellermannTyton

RELICON Relifix gel cable joints: quick and effortless application

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 EN 50393 (corresponding to DIN VDE 0278).





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CAT RELICON

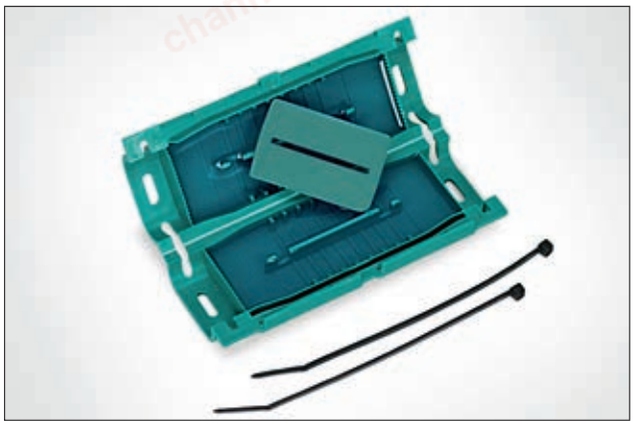
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Gel cable joint without connector

RELICON Relifix

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

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



Gel cable joint Relifix 410, 416.

Features and Benefits

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

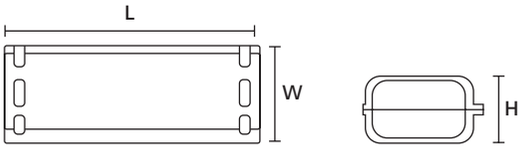
MATERIAL	Polypropylene (PP), Silicone Rubber (SIR)
Colour	Green (GN)
Operating Temperature	-20 °C to +90 °C
Shelf Life	Unlimited

RoHS

Content of Set / Kit

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

Without connector block!



Relifix 410, 416

TYPE	Ø Main Cable	Main Cable mm² min - max		Branch Cable mm² min - max		Length (L)	Width (W)	Height (H)	Article-No.
Relifix 410	9-20	3 x 1.5	4 x 10	3 x 1.5	4 x 2.5	146.0	55.0	35.0	435-00652
Relifix 416	9-22	3 x 1.5	4 x 16	3 x 1.5	4 x 4	180.0	69.0	40.0	435-00653

All dimensions in mm. Subject to technical changes.

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Gel cable joint with connector

RELICON Relifix V

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

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



Relicon Relifix V gel cable joints.

Features and Benefits

- Moulding shell: One piece, coloured, re-openable, impact-proof, flame retardant
- 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 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 Relifix V 31,5.



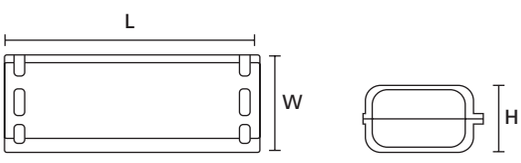
Gel cable joint Relifix V 150.



Gel cable joint Relifix V 56, V516.



Gel cable joint Relifix V 525.



Relifix V

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

RoHS

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

All dimensions in mm. Subject to technical changes.

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Gel cable joint with connector

RELICON Relifix VY

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

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



Relicon Relifix VY gel cable joint.

Features and Benefits

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



Gel cable joint Relifix V 506Y.



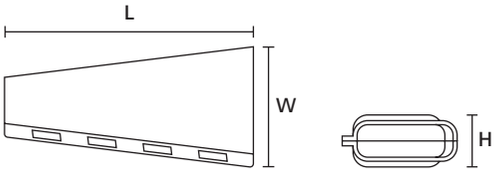
Gel cable joint Relifix V 525Y.

Content of Set / Kit

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

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

RoHS



Relifix VY

With connector block!

TYPE	Ø Main Cable	Main Cable mm² min - max		Branch Cable mm² min - max		Length (L)	Width (W)	Height (H)	Article-No.
Relifix V 506Y	9-20	3 x 6	5 x 6	3 x 2.5	5 x 6	220.0	110.0	53.0	435-00658
Relifix V 525Y	9-30	3 x 16	5 x 25	3 x 2.5	5 x 25	260.0	130.0	65.0	435-00659

All dimensions in mm. Subject to technical changes.

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

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Gel accessories

RELICON Relifix ZE

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

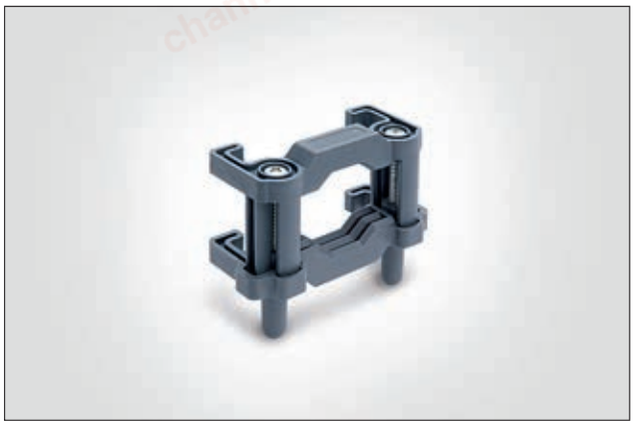
- Releasable strain relief
- Quick and easy installation
- Only for Relifix 416, V516, V525
- For conductor cross-sections of 6 -25 mm²

Content of Set / Kit

- 2 Relifix ZE each with two fixing screws
- Installation instructions

TYPE	Article-No.
Relifix ZE	435-00700

All dimensions in mm. Subject to technical changes.



Gel accessory Reliflix ZE.

MATERIAL	Polypropylene (PP)
Colour	Grey (GY)
Operating Temperature	-20 °C to +90 °C
Shelf Life	Unlimited

RoHS

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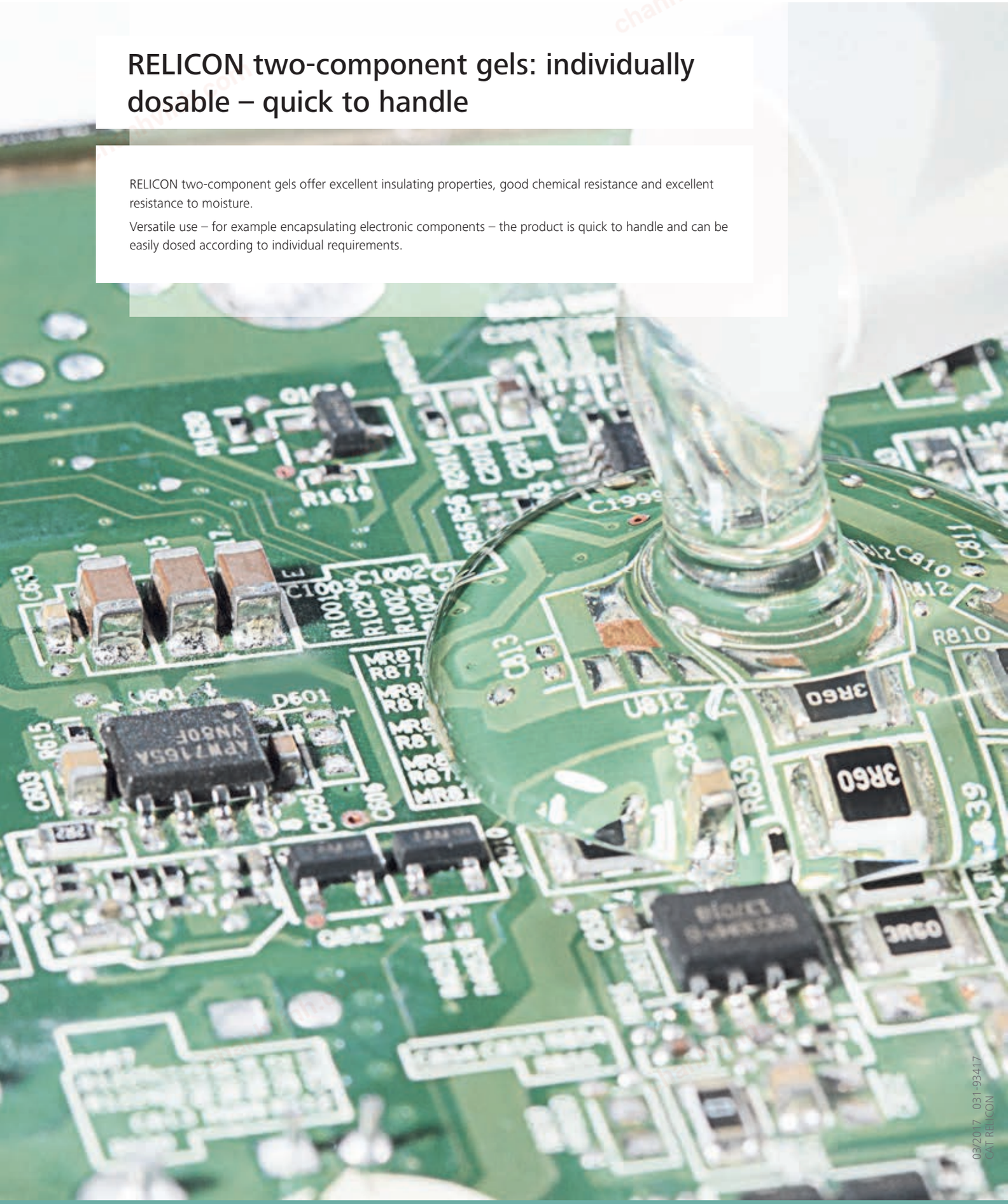
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RELICON by HellermannTyton

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

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

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



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Two-component gel

RELICON KH 67

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

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

Features and Benefits

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

Silicon free!



Two-component gel KH 67.

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

HF RoHS

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

All dimensions in mm. Subject to technical changes.

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Two-component silicone gel

RELICON Religel

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

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

Features and Benefits

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



Two-component silicone gel Religel.



Two-component silicone gel Religel.

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

HF ✓ RoHS ✓

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

All dimensions in mm. Subject to technical changes.

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Two-component gel

RELICON KH 100

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

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

Features and Benefits

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

Silicon free!



Two-component gel KH 100.

MATERIAL	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

HF ✓ RoHS ✓

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

All dimensions in mm. Subject to technical changes.

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HelaTape.
The Tape-Team.

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

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RELICON by HellermannTyton



Accessories

Hand cleaning tissues		
	RELICON Reliclean	58
Connectors		
Compression connector, tin-plated	with central buttmark for copper conductors	59
Mechanical connector, tin-plated	with barrier and shear-off bolts for Al and CU conductors	60
	with blind hole for Al 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

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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.



Cleaning cloths Reliclean.

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

TYPE	Pack Cont.	Article-No.
Reliclean	70 pcs.	435-01601

All dimensions in mm. Subject to technical changes.

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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
- For RM and SM cable conductors



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

TYPE	Inside Ø (ID)	Outside Ø (OD)	Length (L)	Pack Cont.	Article-No.
Compression connector 1.5	1.8	3.3	25.0	1 pc.	435-01450
Compression connector 2.5	2.3	4.2	25.0	1 pc.	435-01451
Compression connector 4	3	5	25.0	1 pc.	435-01452
Compression connector 6	3.5	6.5	25.0	1 pc.	435-01453
Compression connector 10	4.5	7	30.0	1 pc.	435-01454
Compression connector 16	5.5	8.5	35.0	1 pc.	435-01455
Compression connector 25	7	10	40.0	1 pc.	435-01456
Compression connector 35	8.5	12	45.0	1 pc.	435-01457
Compression connector 50	10	14	50.0	1 pc.	435-01458
Compression connector 70	12	16.5	55.0	1 pc.	435-01459
Compression connector 95	13.5	18	60.0	1 pc.	435-01460
Compression connector 120	15	19.5	65.0	1 pc.	435-01461
Compression connector 150	16.5	21	70.0	1 pc.	435-01462
Compression connector 185	19	24	75.0	1 pc.	435-01463
Compression connector 240	21	26	85.0	1 pc.	435-01464
Compression connector 300	23.5	29.5	100.0	1 pc.	435-01465
Compression connector 400	27	34	100.0	1 pc.	435-01466

All dimensions in mm. Subject to technical changes.

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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



Mechanical connectors with barrier.

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

All dimensions in mm. Subject to technical changes.

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Connectors

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

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

Features and Benefits

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



Mechanical connectors without barrier.

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

All dimensions in mm. Subject to technical changes.

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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



SV-Connector blocks.

TYPE	Conductor Size Range mm²	Article-No.
SV1	1.5 - 6	435-01400
SV2	1.5 - 16	435-01401
SV3	6 - 35	435-01402

All dimensions in mm. Subject to technical changes.

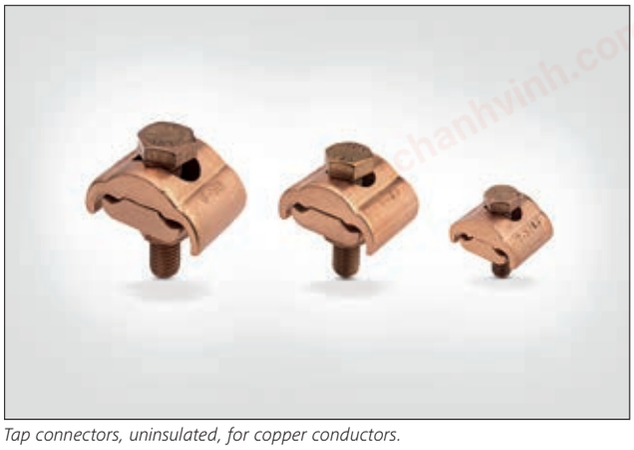
Connectors

Tap connector, uninsulated, for copper conductors

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

Features and Benefits

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



Tap connectors, uninsulated, for copper conductors.

TYPE	Conductor Size Range mm²	Length (L)	Width (W)	Mounting Screw Type	Pack Cont.	Article-No.
Tap connector 2516	2.5 - 16	16.0	19.5	M5	1 pc.	435-01550
Tap connector 2525	2.5-25.0	18.0	25.0	M6	1 pc.	435-01551
Tap connector 6035	6.0-35.0	20.0	28.0	M7	1 pc.	435-01552
Tap connector 6050	6.0-50.0	24.0	32.5	M7	1 pc.	435-01553
Tap connector 10070	10.0-70.0	24.0	37.5	M8	1 pc.	435-01554
Tap connector 25095	25.0-95.0	31.0	45.0	M10	1 pc.	435-01555

All dimensions in mm. Subject to technical changes.

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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 insulalted aluminium and copper conductors
- One bolt type, insulated



Tap connector, insulated, for copper and aluminium conductors.

TYPE	Conductor Size Range mm²	Width (W)	Mounting Screw Type	Pack Cont.	Article-No.
Tap connector 1516	1.5-16.0	26.0	M6	1 pc.	435-01557

All dimensions in mm. Subject to technical changes.

Connectors

Tap connector, insulated, for insulated copper conductors

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

Features and Benefits

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



Tap connector, insulated, for copper conductors.

TYPE	Conductor Size Range mm²	Width (W)	Mounting Screw Type	Pack Cont.	Article-No.
Tap connector 1510	1.5-10.0	23.0	M5	1 pc.	435-01556

All dimensions in mm. Subject to technical changes.

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Appendix

Notes

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