



Gel Technology

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Straight-through gel cable joints with connectors

RELICON Reliseal

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

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

Features and benefits

- Moulding shell: one piece, re-openable, impact-proof, flame retardant
- Perfect strain relief provided by patented cable gland system
- Protection class IP68, 10 m
- Filled with RELICON non-toxic gel, high dielectric strength
- No mixing, easy to install
- UV, ageing and weather resistant
- Unlimited shelf life
- With connector, ready to assembly
- Tested according to EN 50393 and EN 60529

Content of Set / Kit

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



Reliseal gel cable joint, available in three sizes.



Gel cable joint Reliseal V 56.



Gel cable joint Reliseal V 510.

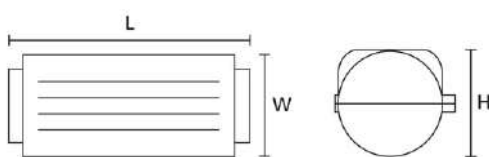


Gel cable joint Reliseal V 525.



www.HellermannTyton.com/reliseal-relicon-bro20

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



Reliseal V

i With connector!

i IP68, 10 meter

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

Subject to technical changes.



Straight-through and branch gel cable joints with connectors

RELICON Relilight

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

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



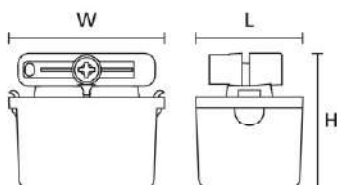
Relilight gel cable joint.

Features and benefits

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

Content of Set / Kit

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



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



i With connector block!

i IP68, 1.3 meter

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

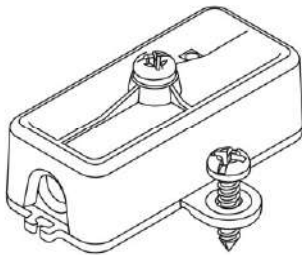
Subject to technical changes.



RELICON Relilight V 2.75 I1

Content of Set / Kit

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



Relilight V 2.75 I1



Gel cable joint Relilight V 2.75 I1.

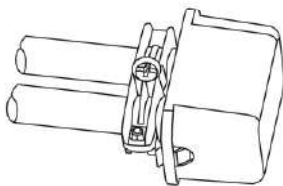
TYPE	Ø Main Cable	Main Cable mm ² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
Relilight V2.75I1	4.8-6	2 x 0.35	2 x 0.75	250V	44.0	18.0	17.5	435-01650

All dimensions in mm. Subject to technical changes.

RELICON Relilight V 31.5 U1

Content of Set / Kit

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



Relilight V 31.5 U1



Gel cable joint Relilight V 31.5 U1.

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

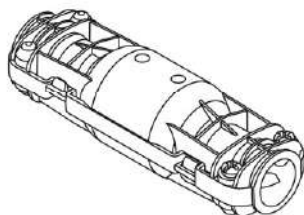
All dimensions in mm. Subject to technical changes.



RELICON Relilight V 32.5 I2

Content of Set / Kit

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



Relilight V 32.5 I2



Gel cable joint Relilight V 32.5 I2.

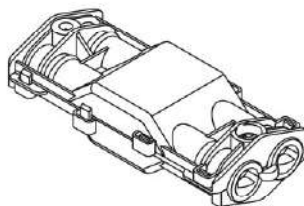
TYPE	Ø Main Cable	Main Cable mm ²		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
		min - max	min - max					
Relilight V32.5I2	6.5-12	3 x 0.5	3 x 2.5	250V	100.0	24.0	29.0	435-01651

All dimensions in mm. Subject to technical changes.

RELICON Relilight V 32.5 P1

Content of Set / Kit

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



Relilight V 32.5 P1



Gel cable joint Relilight V 32.5 P1.

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

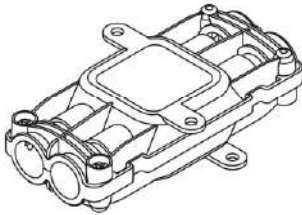
All dimensions in mm. Subject to technical changes.



RELICON Relilight V 34 P2

Content of Set / Kit

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



Relilight V 34 P2



Gel cable joint Relilight V 34 P2.

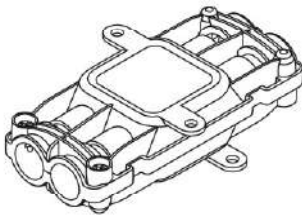
TYPE	Ø Main Cable	Main Cable mm ² min - max		Branch Cable mm ² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
		3 x 1.5	3 x 4	3 x 1.5	3 x 4					
Relilight V34P2	7.5-16	3 x 1.5	3 x 4	3 x 1.5	3 x 4	450V	138.0	78.0	35.0	435-01657

All dimensions in mm. Subject to technical changes.

RELICON Relilight V 36 P2

Content of Set / Kit

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



Relilight V 36 P2



Gel cable joint Relilight V 36 P2.

TYPE	Ø Main Cable	Main Cable mm ² min - max		Branch Cable mm ² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
		3 x 1.5	3 x 6	3 x 1.5	3 x 6					
Relilight V36P2	7.5-16	3 x 1.5	3 x 6	3 x 1.5	3 x 6	450V	138.0	78.0	35.0	435-01658

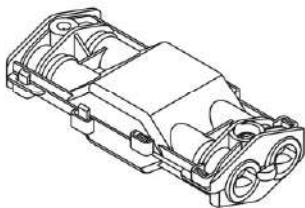
All dimensions in mm. Subject to technical changes.



RELICON Relilight V 41.5 P1

Content of Set / Kit

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



Relilight V 41.5 P1



Gel cable joint Relilight V 41,5 P1.

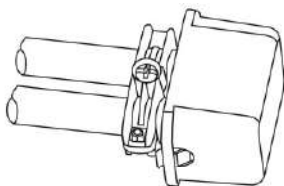
TYPE	Ø Main Cable	Main Cable mm ² min - max		Branch Cable mm ² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
		4 x 0.5	4 x 1.5	4 x 0.5	4 x 1.5					
Relilight V41.5P1	6.5-12	4 x 0.5	4 x 1.5	4 x 0.5	4 x 1.5	250V	105.0	44.0	24.0	435-01656

All dimensions in mm. Subject to technical changes.

RELICON Relilight V 41 U1

Content of Set / Kit

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



Relilight V 41 U1



Gel cable joint Relilight V 41 U1.

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

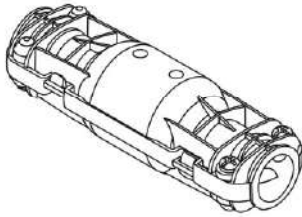
All dimensions in mm. Subject to technical changes.



RELICON Relilight V 61.5 I2

Content of Set / Kit

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



Relilight V 61.5 I2



Gel cable joint Relilight V 61.5 I2.

TYPE	Ø Main Cable	Main Cable mm ² min - max		Voltage range	Length (L)	Width (W)	Height (H)	Article-No.
		6 x 0.5	6 x 1.5					
Relilight V61.5I2	6.5-12	6 x 0.5	6 x 1.5	250V	100.0	24.0	29.0	435-01652

All dimensions in mm. Subject to technical changes.



Straight-through gel cable joints without connectors

RELICON Relifix

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

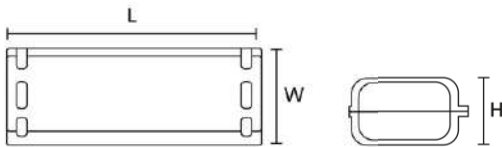
Application: In low-voltage electrical networks as straight-through and/or branch joint, e.g. underground, submerged, outdoor, indoor and wiring ducts.

Features and benefits

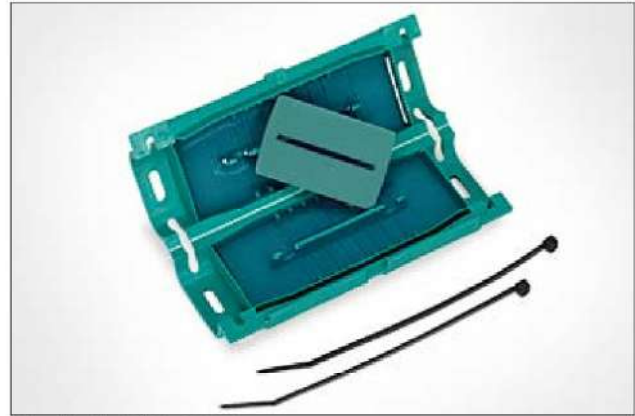
- Moulding shell: One piece, coloured, re-openable, impact-proof, flame retardant
- Filled with Relicon non-toxic gel, high dielectric strength
- No mixing, easy to install
- UV, ageing and weather resistant
- Unlimited shelf life
- Up to max. 4 cores
- Tested according to EN 50393 (corresponds to DIN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

Content of Set / Kit

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



Relifix 410, 416



Gel cable joint Relifix 410, 416.

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



i Without connector block!



www.HellermannTyton.com/relifix-relicon-bro20

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

All dimensions in mm. Subject to technical changes.



Straight-through gel cable joints with connectors

RELICON Relifix V

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

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

Features and benefits

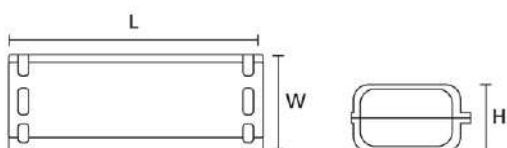
- Moulding shell: One piece, coloured, re-openable, impact-proof, flame retardant
- Filled with Relicon non-toxic gel, high dielectric strength
- No mixing, easy to install
- UV, ageing and weather resistant
- Unlimited shelf life
- With connector, ready for assemble
- Tested according to EN 50393 (corresponds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

Content of Set / Kit

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



With connector block!



Relifix V



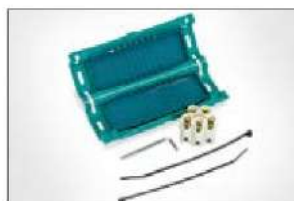
Gel cable joint Relifix V in use as a cable repair.



Gel cable joint Relifix V 31,5.



Gel cable joint Relifix V 150.



Gel cable joint Relifix V 56, V516.



Gel cable joint Relifix V 525.

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



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

Subject to technical changes.



Straight-through gel cable joints with connectors

RELICON Relifix VY

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

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

Features and benefits

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

Content of Set / Kit

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



Relicon Relifix VY gel cable joint.

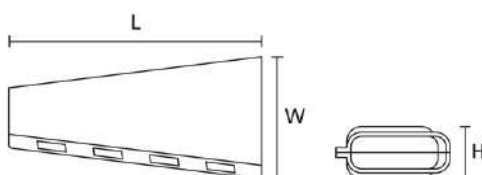


Gel cable joint Relifix V 525Y.



Gel cable joint Relifix V 506Y.

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



Relifix VY

i With connector block!

TYPE	Ø Main Cable	Main Cable mm ² min - max		Branch Cable mm ² min - max		Length (L)	Width (W)	Height (H)	Article-No.
Relifix V506Y	9-20	3 x 6	5 x 6	3 x 2.5	5 x 6	220.0	110.0	53.0	435-00658
Relifix V525Y	9-30	3 x 16	5 x 25	3 x 2.5	5 x 25	260.0	130.0	65.0	435-00659

All dimensions in mm. Subject to technical changes.