

SEAL UP JOINT

NEW

STRAIGHT OR BRANCH JOINTS WITH TWO-COMPONENT RESIN INSULATION, FOR 0.6/1 kV CABLES

Raytech®

CABLE ACCESSORIES COMPANY

IP68 joint range, for splicing or branching 0.6/1 kV cables, with two-component solid-plastic resin sealant. Ideal for underground and submerged use.

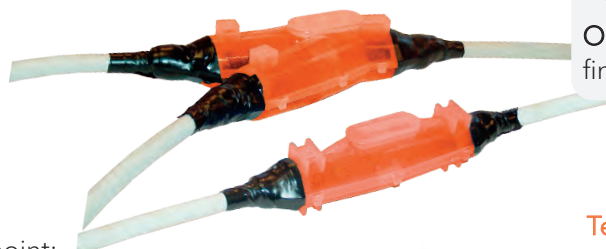
SEAL UP JOINT is a range consisting of polypropylene shells/casings, a material characterized by excellent chemical resistance, resistant to many polar organic solvents and aqueous solutions containing inorganic salts, acids, strong alkalis, bases, alcohols, aldehydes, ketones, esters, weak acids and alkaline solutions, alcohol and some oils;

- ✓ 100% recyclable
- ✓ Weather resistant
- ✓ Good electrical insulator
- ✓ Good thermal resistance
- ✓ Low permeability to gases such as carbon dioxide, hydrocarbons and chlorohydrocarbons at low boiling point;
- ✓ High load/resistance to dynamic loads;
- ✓ Long durability;
- ✓ Resistant to abrasion and wear.

The joints are supplied complete with two-component solid-plastic resin sealant **SEAL UP RESIN**:

A removable, tough resin with high mechanical resistance developed to prevent the penetration of moisture in both electrical and electronic fields

- ✓ REACH compliant and free of substances classified as hazardous according to the current CLP regulation
- ✓ Resistant to mold and UV rays
- ✓ No shelf life



Technical characteristics of shells:

Material:
PP - POLYPROPYLENE

Dielectric strength:
52 kV/mm

Volume resistivity:
 $10^{16} \Omega \text{ cm}$

Thermal conductivity:
0,2 W/mK

Operating Temperature:
fino a 120° C

IP68

Technical characteristics of the filler resin:

Dielectric strength:
20 kV/mm

Curing time:
8-15 min. @ 23 °C

Volume resistivity:
 $2 \cdot 10^{15} \Omega \text{ cm}$

Cone penetration:
120 1/10 mm (ASTM D217/C)

Thermal conductivity:
0,2 W/mK

Operating Temperature:
-60/+200 °C

Overload temperature for short periods of time:
fino a 250 °C

Water absorption after 30 days of immersion:
<< 0,05%



SEALUPJOINT L • INLINE JOINT

For COPPER cables



PRODUCT Item	Cable formation and conductor cross-sections(n° x mm ²)				Ø max Cables (mm)	Dimensions (mm)
	1X	2X	3X	4X		
SEALUPJ L10 SEALUPJL10	2,5 - 50	1,5 - 10	1,5 - 10	1,5 - 10 *	8 - 27	180 x 50
SEALUPJ L16/25 SEALUPJL16-25	16 - 150	4 - 25	4 - 25	2,5 - 25	8 - 32	215 x 55
SEALUPJ L35 SEALUPJL35	16 - 185	16 - 35	16 - 35	16 - 35	12 - 33	232 x 70
SEALUPJ L50 SEALUPJL50	50 - 300	16 - 50	16 - 50	16 - 50	14 - 34	266 x 72
SEALUPJ L95 SEALUPJL95	120 - 400	25 - 95	25 - 95	25 - 95	15 - 42	330 x 75
SEALUPJ L120 SEALUPJL120	240 - 500	70 - 120	70 - 120	50 - 120	25 - 50	365 x 95
SEALUPJ L240 SEALUPJL240	400 - 1000	120 - 300	120 - 240	120 - 240	30 - 75	510 x 120

Electrical performance:

- CEI EN 50393 with connettori to EN 61238-1 standard
- Class 2 according to CEI 64-8
- Operating Temperature: 90°
- Installation temperature: 0°C / +45°C

For ALUMINUM cables

PRODUCT Item	Cable formation and conductor cross-sections(n° x mm ²)				Ø max cables (mm)	Dimensions (mm)
	1X	2X	3X	4X		
SEALUPJ L50 SEALUPJL50	16 - 150	16 - 25	16 - 25	16 - 25	14 - 34	266 x 72
SEALUPJ L120 SEALUPJL120	185 - 400	25 - 95	25 - 95	25 - 95	25 - 50	365 x 95
SEALUPJ L240 SEALUPJL240	400 - 630	95 - 185	95 - 185	95 - 185	30 - 75	510 x 120

* SEALUP L10 it is recommended for cable diameters not exceeding 16 mm.



IP68
0,6/1 kV

SEALUPJOINT D • BRANCH JOINT

For COPPER cables



PRODUCT Item	Cable formation and conductor cross-sections(n° x mm ²)								Ø max cables (mm)		Dimensions (mm)
	1X		2X		3X		4X		P	D	
	P	D	P	D	P	D	P	D			
SEALUPJ D6 SEALUPJD6	4-50	4-50	4-10	4-10	2,5-6	2,5-6	2,5-6	2,5-6	8-27	8-27	180x90
SEALUPJ D16/D25 SEALUPJD16-D25	50-150	50-150	10-25	10-25	6-25	6-16	6-25	6-10	8-32	8-32	220x105
SEALUPJ D95 SEALUPJD95	120-400	95-240	25-95	16-50	25-95	16-50	25-95	10-50	15-42	8-32	315x115

P : through - D : branch