

Resil Joint® RJ series Silicone resin insulated joints for straight connections



Resil joint® is a new line of silicone resin insulated joints for low-voltage (0.6/1 kV) straight connections for single and multicore cables with up to 4 cores compliant with EN 50393 standard, made using **Resil®** silicone resin as a filler for GSA series shells.

Thanks to Resil®'s USE & REUSE feature, it is possible to mix only the amount of silicone resin required, keeping the remainder for later use.

The new measuring jug supplied with Resil 100 is marked with the filling levels specific to commonly used GSA shells, thus allowing for easy, fast and precise dosage of each part.



RJA joints made in this way keep all the structural characteristics and advantages of Resil® silicone resin, allowing possible re-entering and at the same time providing protection from accidental contact with the live parts of the connection.



Unlike joints made with polyurethane and epoxy resins, Resil Joint® joints, using Resil® silicone resin, contain no isocyanates, ensuring maximum safety for the environment and operators.

RJA joints are classified as non-hazardous under European Regulation no. 1272/2008 (CLP), so any waste resulting from installation or the products themselves at the end of their life cycle can be disposed of as municipal solid waste.



Applications

- Straight connections on 0.6/1 kV single and multicore cables with up to four cores
- For installation in cable ducts, underground, overhead, or submersed
- Street lighting systems

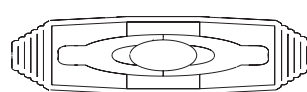
Advantages

- Re-enterable
- Flexibility of use
- Excellent electrical insulation 0.6/1 kV
- Good mechanical strength that prevents accidental contact with live parts
- Non-toxic (isocyanate-free)










Resil Joint® RJA Series • Silicone resin joints

Straight connections



— L — — D — [mm]

JOINT	GSA SHELL	+  RESIL® VOLUME [LITERS]	DIMENSIONS (L X D) (mm)	CABLE DIAMETER MIN-MAX [mm]	SINGLE-CORE CABLES		MULTICORE CABLES		OPTIONAL CONNECTORS / TERMINAL BLOCKS
					CORES	CONDUCTOR CROSS-SECTION MIN – MAX *** [mm²]	MAX CORES	CONDUCTOR CROSS-SECTION MIN – MAX *** [mm²]	
RJA0	GSA0	0.13	190 × 45	8 – 26	⊙	6 – 35	⊗	1.5 – 10	–
RJA1	GSA1	0.20	190 × 51	7 – 30	⊙	6 – 35	⊗	1.5 – 16	–
					⊙	6 – 50	–	–	 MR10
					–	–	⊗	1.5 – 10	 MC510-RJ
RJA2	GSA2	0.33	240 × 62	8 – 35	⊙	25 – 185	⊗	4 – 25	–
					⊙	50 – 95	–	–	 MR11
					–	–	⊗	2.5 – 25	 MC525-RJ
RJA3S	GSA3S	0.55	357 × 62	23 – 35	⊙	50 – 185	⊗	25 – 50	–
					⊙	95 – 240	–	–	 MR12
RJA3	GSA3	1.40	325 × 95	20 – 54	⊙	95 – 400	⊗	25 – 95	–
					⊙	150 – 300	–	–	 MR13
RJA4	GSA4	2.90	520 × 100	33 – 55	⊙	240 – 500	⊗	95 – 150	–
RJA5	GSA5	6.50	670 × 120	45 – 73	⊙	400 – 630	⊗	150 – 300	–
RJA6	GSA6	9.80	870 × 200	55 – 80	–	–	⊗	185 – 400	–

Available as installation accessories:

- multi-pole insulated terminal blocks with mechanical clamping for up to 5-core cables (see MC-RJ)
- armour continuity restoration kit for armoured cables (see BEK)



Only a GSA shell + Resil® becomes an Etelec-guaranteed Resil JOINT®