



Resil Joint® RJB series

Silicone resin insulated joints

for branch connections



Resil Joint® is a new line of silicone resin insulated joints for low voltage 0.6/1 kV branch connections of single and multicore cables with up to four cores compliant with EN 50493 standard, made using **Resil®** silicone resin as a filler for GSB 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 GSB shells, thus allowing for easy, fast and precise dosage of both parts.



RJB 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 against 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.

RJB 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.

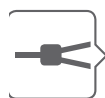


Applications

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

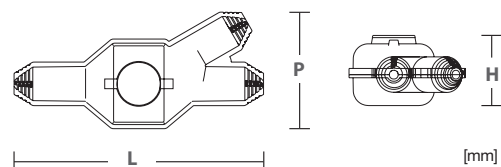
Advantages

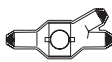









- Re-enterable
- Flexibility of use
- Excellent electrical insulation 0.6/1 kV
- Good mechanical strength that prevents accidental contact with live parts
- Non-toxic (isocyanate-free)

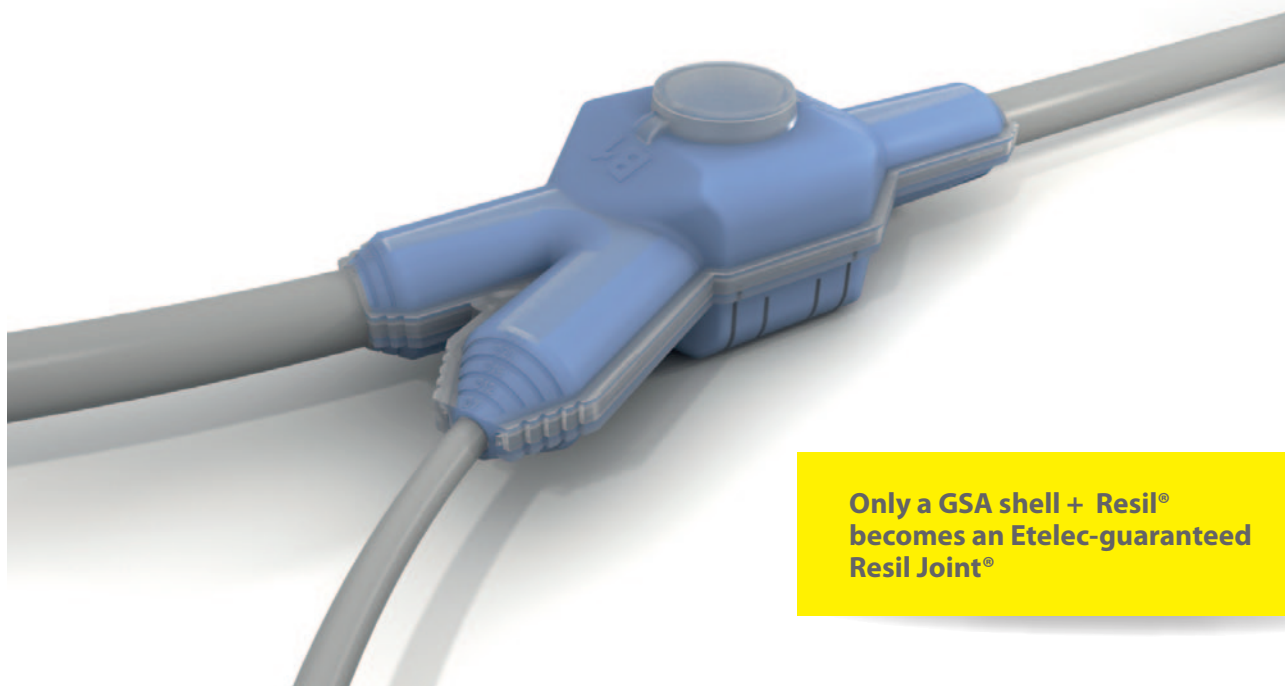


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Y branch connections



JOINT	 GSB SHELL	 RESIL® VOLUME [liters]	DIMENSIONS (W X D X H) (MM)	CABLES DIAMETER [mm]		MAX CORES	CONDUCTOR CROSS- SECTION [mm²]				OPTIONAL TERMINAL BLOCKS
				CABLE DIAMETER MIN-MAX	BRANCH CABLE DIAMETER MIN-MAX		MIN		MAX		
							LEAD THROUGH CABLE	BRANCH CABLE	LEAD THROUGH CABLE	BRANCH CABLE	
RJB1	GSB1	0.25	200 × 94 × 55	7 – 23	7 – 23		4	2.5	6	6	-
							4	2.5	6	6	 MU50610-RJ
RJB2	GSB2	0.40	240 × 113 × 68	12 – 27	12 – 27		6	2.5	25	25	-
							6	2.5	16	16	 MU51635-RJ
RJB3	GSB3	1.60	360 × 155 × 90	13 – 45	13 – 45		25	25	95	95	-
							10	2.5	35	35	 MU51635-RJ
RJB4	GSB4	2.0	298 × 128 × 128	35 – 51	17 – 33		50	25	120	50	-
RJB5	GSB5	2.90	240 × 130 × 130	30 – 55	17 – 40		50	50	185	70	-



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