

Specifications and Ordering Information for 3M™ Splice Jacket Kits

Product Number	UPC (054007-)	Sleeve Length	Expanded Sleeve I.D.	Minimum Cable Jacket O.D.	Maximum Cable Splice O.D.	Maximum Cable Jacket Opening	Splice Kit Product No.			Case Qty.
							for 15 kV	for 25 kV	for 35 kV	
Cold Shrink SJ Series Jacket Kits for 15 kV, 25 kV and 35 kV										
SJ-1A	69742	28" (711,2 mm)	2.7" (68,5 mm)	0.95" (24,1 mm)	2.4" (61,0 mm)	20" (508 mm)	5411 5411A 5411R* 5412	—	—	6
SJ-2A	69743	36" (914,4 mm)	3.7" (93,9 mm)	1.15" (29,2 mm)	3.3" (83,8 mm)	28" (711 mm)	5403 5404 5405 5406	5420 5421 5422 5451 5451A 5452	5432 5461	6
SJ-3A	69744	38" (965,2 mm)	4.3" (109,2 mm)	1.55" (39,4 mm)	4.0" (101,6 mm)	30" (762 mm)	5407 5408 5409	5423 5424 5425 5426	5433	6
Cold Shrink SJ-SS Series Cold Shrink Stacked Sleeve Kits for 15 kV, 25 kV and 35 kV										
SJ-1SS	50777	15" (381,0 mm) 18" (457,2 mm)	2.4" (60,9 mm) 3.1" (78,7 mm)	0.95" (24,1 mm)	2.4" (61,0 mm)	23" (584 mm)	5411 5411A 5412	—	—	6
SJ-2SS	50778	19" (482,6 mm) 24" (609,6 mm)	3.1" (78,7 mm) 3.7" (93,9 mm)	1.15" (29,2 mm)	3.3" (83,8 mm)	31" (787 mm)	5403 5404 5405 5406	5420 5421 5422 5451 5451A 5452	5432 5461	6
SJ-3SS	50779	22" (558,8 mm) 25" (635,0 mm)	3.7" (93,9 mm) 4.3" (109,2 mm)	1.55" (39,4 mm)	4.0" (101,6 mm)	35" (889 mm)	5407 5408 5409	5423 5424 5425 5426	5433	6
3M™ HSJ Series Heat Shrinkable Splice Jackets for 15 kV, 25 kV and 35 kV										
HSJ-1	09270	33" (84 mm)	2.5" (64 mm)	0.85" (21,6 mm)	1.9" (48,3 mm)	22" (559 mm)	5411 5411A 5411R 5412	—	—	10
HSJ-2	09271	40" (102 mm)	3.0" (76 mm)	1.00" (25,4 mm)	2.6" (66,0 mm)	28" (711 mm)	5403 5404 5405 5406 5412R	5420 5421 5422 5451 5451A 5451R 5452	5432 5461	10
HSJ-3	09272	40" (102 mm)	4.3" (109 mm)	1.50" (38,1 mm)	3.4" (86,4 mm)	28" (711 mm)	5407 5408 5409	5423 5424 5425 5426	5433	5

*3M 5411R QS-II requires an additional 8428-12 Cold Shrink tube to jacket the splice. The procedure for jacketing the 5411R QS-II is detailed in the SJ-1A kit installation instructions.

Kit Contents for 3M Splice Jacket Kits

Product Number	SJ-1A	SJ-2A	SJ-3A	SJ-1SS	SJ-2SS	SJ-3SS	HSJ-1	HSJ-2	HSJ-3
Cable Type	Jacketed Concentric Neutral Cable (JCN) See page 234 for cable type illustration.								
	Each kit jackets one splice								
	Cold Shrink Jacketing						Heat Shrink Jacketing		
Cold Shrink Tube	1	1	1	2	2	2	—	—	—
Roll Scotch® 2228 Mastic Tape	1	1	1	1	1	1	—	—	—
Heat Shrink Tube	—	—	—	—	—	—	1	1	1
Profile Bushing	—	—	—	1	1	1	—	—	—
Instructions	1	1	1	1	1	1	1	1	1

Cable Accessory Products

• Splice Rejacketing	pg. 291	• Hardware Accessories	pg. 305
• Splice Repair	pg. 293	• Corrosion Protection	pg. 306
• Sealing and Grounding	pg. 295	• Preparation and Cleaning	pg. 307
• Insulating and Sealing Compounds	pg. 303		

3M offers accessory products to assist with splice rejacketing, cable jacket sealing, grounding and cable preparation. Many of the products shown here are used with 3M splices and terminations. Remember to reference those sections for more product information.

Splice Rejacketing

When Jacketed Concentric Neutral cable (JCN) is spliced, it is necessary to cover the junction between the cable jackets with a water resistant re-jacket. 3M offers three designs for splice rejacketing: cold shrink one piece sleeve, cold shrink stacked sleeve and heat shrink adhesive-lined sleeves.

Cold Shrink Splice Jacket Kits SJ-1A, SJ-2A, SJ-3A



Cold shrink jacket kits offer advanced, one-piece, water-tight rejacketing for JCN cable splices. Designed as an accessory kit to re-jacket over molded rubber splices, the SJ Series is made from durable EPDM rubber.

3M Cold Shrink jacket kits SJ-1A, SJ-2A and SJ-3A

offer advanced, one-piece, water-tight rejacketing for JCN shielded power cable splices. The SJ series accommodates voltage classifications of 15 kV, 25 kV and 35 kV.

In addition to the open-ended, tubular rubber sleeve, each kit includes Scotch® Rubber Mastic Tape, which is used to adjust cable O.D. and provide a sure, long-lasting seal between the cable jacket and the cold shrink sleeve, as well as sealing around the cable ground conductor.

This unique, cold shrink rejacketing kit eliminates the need for dangerous torches or special tooling.

Each kit jackets one splice.

Cold Shrink SJ-SS Series Stacked Sleeve Splice Jacket Kits SJ-1SS, SJ-2SS, SJ-3SS

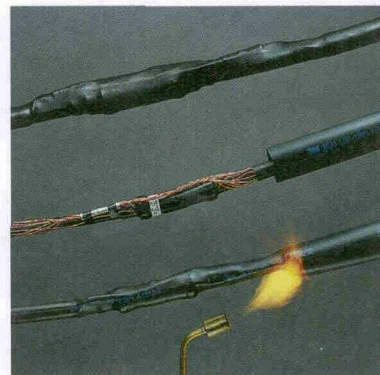


3M™ Cold Shrink jacket kits SJ-1SS, SJ-2SS and SJ-3SS are two-piece, water tight rejacketing kits for JCN cables. Designed to re-jacket molded rubber splices, the SJ-SS series kits are made of EPDM

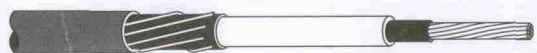
rubber. This unique two-piece design allows the two tubes to “stack” on top of each other during installation, requiring less space in the manhole or ditch to make the splice. Each kit contains one small cold shrink tube, one large cold shrink tube, one profile bushing and one roll of Scotch® 2228 Mastic Tape.

Each kit jackets one splice.

3M Heat Shrinkable Splice Jacket Kits HSJ Series



3M HSJ Series Heat Shrinkable Splice Jackets are adhesive lined for water-tight rejacketing of JCN cable splices. **Each kit covers one splice.**



Jacketed Concentric Neutral Cable (JCN)