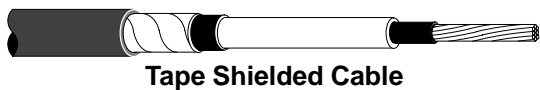
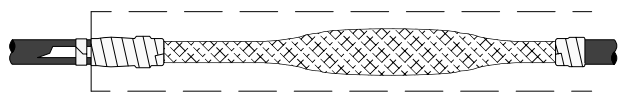


3M™ SG-2 and SG-3 Hi-Amp Splice Grounding Accessory Kit for 15 kV, 25 kV and 35 kV



Tape Shielded Cable



LC Shielded Cable

3M SG-2 and SG-3 Hi-Amp Splice Grounding Accessory Kit are designed to accommodate the shielding and grounding of inline splices made on LC, heavy-duty tape and conventional tape shielded power cables. The SG-2 and SG-3 designs provide a fault current capacity of 15,000 Amps for 15 cycles on 15, 25 and 35 kV class cables.

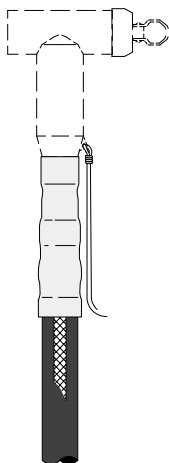
The SG-2 and SG-3 kits were designed to accommodate all 3M Quick Splice bodies as well as most other rubber-molded inline splices currently used in the electrical power distribution industry.

The SG-2 and SG-3 copper screen sleeves are applied over molded rubber splices on cables with shield diameters ranging from 1.25" (32,0 mm) to 2.25" (57,2 mm). In most cases this will include conductor sizes between 350 kcmil and 1000 kcmil and voltage classes of 15 kV through 35 kV. The SG-2 and SG-3 copper screen sleeves and the preformed ground connection braid have a capacity greater than that of #4 AWG copper wire and are fault current rated at 15,000 amps for 15 cycles. The SG-3 Kit has a larger CMA (greater than 2AWG) copper screen sleeve and two constant force springs per end. This provides additional neutral current capacity.

Following SG-2 and SG-3 component installation, 3M Cold Shrink SJ-1A, SJ-2A, SJ-3A, heat shrink HSJ series or Scotch® rubber mastic and vinyl tape systems are the recommended choices for sealing and re-jacketing the installed, shielded splice. **Each kit provides shielding and grounding for one splice.**

Refer to the ordering table on page 301 for cable and accommodation. Final determining factor, for cables not specified, is a shield diameter range from 1.25" (32,0 mm) minimum through 2.25" (57,2 mm) maximum.

3M 8473 Hi-Amp Accessory Grounding Kit for 15, 25 and 35 kV

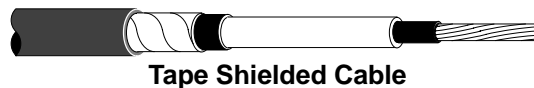


3M 8473 Hi-Amp Accessory Grounding Kit is designed to accommodate the grounding of accessories installed on LC, heavy-duty tape and conventional tape-shielded power cables. The 8473 design provides a fault current capacity of 15,000 Amps for 15 cycles on 15 kV, 25 kV and 35 kV class cables.

Product application range for the 8473 kit includes cable sizes from 350 kcmil through 1000 kcmil in 15 kV through 35 kV voltage classes as indicated in the table on page 301.

The 8473 kit was designed to be used with 600-Amp elbows and other accessories where cable jacket-to-accessory sealing and high-ampacity grounding is desired.

The 8473 preformed ground braid has a fault current capacity of 15,000 Amps for 15 cycles with an equivalent cross-sectional area greater than #4 AWG copper wire. **Each kit provides grounding and sealing for one accessory.**



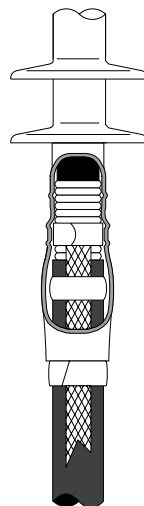
Tape Shielded Cable



LC Shielded Cable

Refer to the ordering table on page 301 for cable accommodation. Final determining factor, for cables not specified, is a shield diameter range from 1.25" (32,0 mm) minimum through 2.25" (57,2 mm) maximum.

3M GSHA-8 QT-II Hi-Amp Grounding Accessory Kit for 15, 25 and 35 kV



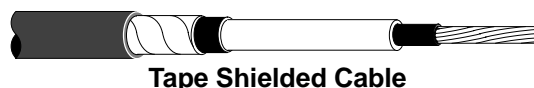
3M GSHA-8 QT II termination grounding accessory kit is designed to accommodate the grounding of terminations made on LC, heavy-duty tape and conventional tape-shielded power cables. The GSHA-8 QT II design provides a fault current capacity of 15,000 Amps for 15 cycles on 15 kV, 25 kV and 35 kV class cables.

The GSHA-8 kit is designed to be used in conjunction with 3M QT-II terminations in applications where high-ampacity grounding is desired.

The GSHA-8 product will accommodate cable sizes ranging from 350 kcmil through 1000 kcmil and voltage classes of 15 kV through 35 kV. The performed ground braid contained in the GSHA-8 kit has a

fault current capacity of 15,000 Amps for 15 cycles. **Each kit provides shielding and grounding for one termination.**

Refer to the ordering table on page 301 for cable information. Final determining factor, for cables not specified, is a shield diameter range from 1.25" (32,0 mm) minimum through 2.25" (57,2 mm) maximum.



Tape Shielded Cable



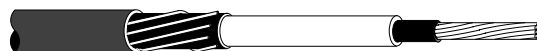
LC Shielded Cable

3M™ 2252 Cable Grounding Kit



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3M 2252 Cable Grounding Kit provides a simple yet reliable and secure method for grounding and resealing the jacket of power cables. The kits are designed for use with JCN power cables ranging from #2 AWG to 4/0, through 35 kV.



Jacketed Concentric Neutral Cable (JCN)

Note: REA acceptance listed in REA Bulletin 43-5.

Specifications and Ordering Information for 3M Sealing and Grounding Products
15 kV, 25 kV and 35 kV

Product Number	SG-2	SG-3	8473	GSHA-8	2252
Cable Type	Tape Shielded Cable, LC Shielded Cable See page 220 for cable type illustration.				Jacketed Concentric Neutral Cable (JCN). See above for cable type illustration.
Each kit provides grounding and sealing for 1 splice or termination					
Shield O.D. Range	1.25 - 2.25" (132,0 - 52,2 mm)	1.25 - 2.25" (132,0 - 52,2 mm)	1.25 - 2.25" (132,0 - 52,2 mm)	1.25 - 2.25" (132,0 - 52,2 mm)	—
Conductor Range	350 - 1000 kcmil	350 - 1000 kcmil	350 - 1000 kcmil	350 - 1000 kcmil	2 - 4/0 AWG (35 - 100 mm ²)
Circular Mil Area	61,000	72,000	—	—	—
Kit Contents:					
PST Cold Shrink Tube	—	—	1	—	—
Roll of Scotch® 13 Semiconducting Tape	—	—	—	1	—
Roll of Scotch 2228 Rubber Mastic Tape	—	—	—	—	1
Roll of Scotch Super 33+ Vinyl Electrical Tape	—	—	—	—	1
Tin-plated copper "C" connector	—	—	—	—	1
10" (25,4 cm) Length of tin plated copper braid	—	—	—	—	1
Copper screen sleeve	1	1	—	—	—
Mastic seal strip	3	3	1	1	1
Constant-force spring	2	4	1	1	1
Preformed ground braid	1	1	1	1	—
Instructions	1	1	1	1	1
Ordering Information	SG-2	SG-3	8473	GSHA-8	2252
UPC (054007-)	50041	41511	50043	50042	08335
Case Qty.	10 each	10 each	10 each	10 each	10 each