

3M Offers New Cold Shrink Splice Kit for 46kV Cable

3M has introduced a new cold shrink inline splice kit designed to splice 46kV solid dielectric power cable. The new 3M Cold Shrink Splice Kit QS-III 5545A is designed for cables with a conductor size range from 4/0 AWG-1000 kcmil, which are typically used by power utilities and heavy industry.

The kit includes all of the components to splice tape shield, UniShield, wire shield and longitudinally corrugated (LC) cable. This splice can be used with standard copper or aluminum inline compression (crimp type) connectors. The cold shrink splice body is a one-piece molded design made of specially formulated silicone rubbers, and the cold shrink jacketing is made of EPDM rubber for physical and moisture protection. Transitions between cables of different sizes can be accommodated.

Each splice is factory tested to provide reliability. They are designed to meet minimum industry test standards and have a BIL rating of 250kV. They meet the 46kV Voltage Class rating requirements of IEEE Std. 404.

For more information on the 3M Cold Shrink Splice Kit QS-III 5545A, contact the 3M Electrical Markets Division, A130-4N-40, 6801 River Place Blvd., Austin, Texas 78726-9000, USA, or call (800) 245-3573. For more information about 3M electrical products, go to www.3M.com/electrical.

The 3M Electrical Markets Division, based in Austin, Texas, designs, manufactures and markets products for electrical construction, industrial maintenance, utility and industrial power, and electrical and electronic components. EMD has more than 60 years of experience serving customers with highly reliable products, including power cable splices and terminations; high-temperature, low-sag transmission conductors; heat shrinkable tubing and molded shapes; electrical wire connectors, terminals, tools and lugs; wire marking products; cable ties; electrical and electronic insulating tapes and papers; electromagnetic compatible products; and electrical diagnostic and detection products.

About 3M

A recognized leader in research and development, 3M produces thousands of innovative products for dozens of diverse markets. 3M's core strength is applying its more than 40 distinct technology platforms – often in combination – to a wide array of customer needs. With \$24 billion in sales, 3M employs 75,000 people worldwide and has operations in more than 60 countries. For more information, visit www.3M.com.

3M is a trademark of 3M Company.

UniShield is a trademark of General Cable Technologies Corporation.

3M Electrical Markets Division Mary Kay Knief Mknief at 3M dot com Photo Available

<https://news.3m.com/2008-04-25-3M-Offers-New-Cold-Shrink-Splice-Kit-for-46kV-Cable>