

Medium Voltage Assemblies

Type SH Single Conductor Power Cables are highly flexible single conductor shielded medium voltage cable designed to ICEA standards. An extra heavy-duty TSE jacket provides excellent protection against tearing, abrasion, oil, impact and most industrial chemicals. Available in voltages from 5kV to 35kV. Ideal for applications where flexibility and ease of use is required. TPC can also add a connector to this cable and deliver a complete assembly — ready to install. A full testing report is provided to certify the testing and ensure the highest quality workmanship and traceability of the “ready to install” assembly.



**TESTED
IN-HOUSE
PRIOR TO
SHIPPING!**

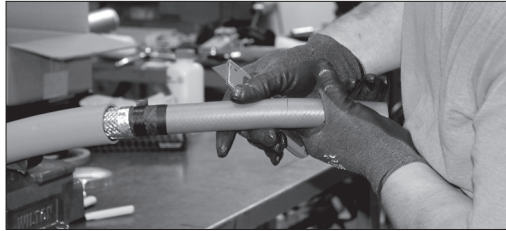
FEATURES & BENEFITS

- 1. CUSTOM CUTTING AND PACKAGING SERVICE** – TPC will cut the cable to length for you and pack the product to your specific requirements, allowing for quick and easy installation.
- 2. 100% ELECTRICALLY TESTED PRIOR TO SHIPPING** – Megger or AC Dielectric Testing with report supplied to customer upon completion (testing depends on the terminations being used).
- 3. TERMINATION EXPERTISE AND EXPERIENCE** – TPC terminates all ends in a controlled environment with the proper calibrated tooling and certified technicians experienced in numerous types of connectors. You will receive an engineering print for your records and be able to discuss any and all design requirements prior to purchase.
- 4. FAST TURNAROUND/LARGE INVENTORY** – TPC carries a large inventory for your project and is able to offer quick turnaround on the terminated assemblies.
- 5. NO MINIMUM ORDERS** – With TPC’s stocked cable, customers are not held to any minimum order requirements. We can build one assembly at a time to meet your project needs.
- 6. SUPERIOR CABLE FLEXIBILITY/DURABILITY** – At TPC, we pride ourselves on providing superior cable. We offer flex stranded products, allowing ultra flexible cable and we ensure durability with heavy-duty jacketing compounds.

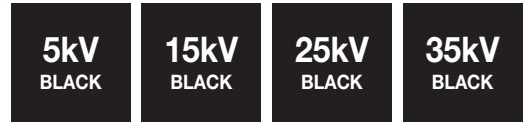
MEDIUM VOLTAGE CABLE ASSEMBLY TESTING

TPC Wire & Cable Corp. tests all Medium and High Voltage assemblies prior to leaving our facility. All assemblies are tested in accordance with the ANSI/NEMA WC 58-2008, 6.17 electrical test requirements. A full testing report is provided to certify the testing and to ensure the highest quality workmanship and traceability of the ready to install assembly.

Damaging an assembly is easy to do but hard to detect until it is too late. **TPC provides 100% AC or DC Hi-pot testing on all assemblies before they leave our facility – giving you 100% peace of mind.**

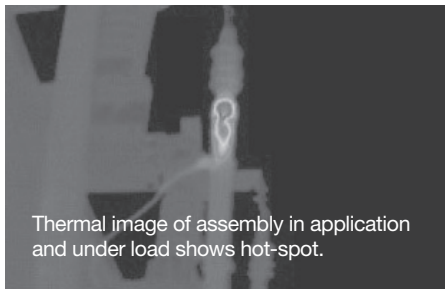


15KV 500 MCM CABLE



NOTE: Jacket color may vary

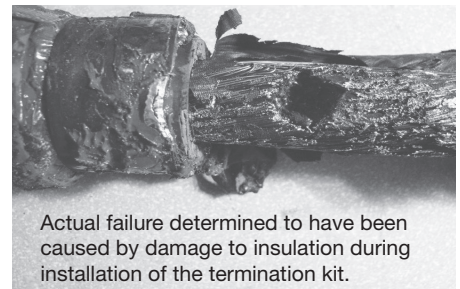
AVOID UNTESTED CABLE ASSEMBLIES



Thermal image of assembly in application and under load shows hot-spot.



Assembly with blow-out caused by overheating and short.



Actual failure determined to have been caused by damage to insulation during installation of the termination kit.