Approved cable accessories and components for marine and offshore applications

T&D
a vital part of your world
Under the established Raychem brand name, Tyco Electronics offers a comprehensive range of cable accessories for all cable types. The most innovative utilities and industries around the world – including, mining, marine, and offshore – use our power cable accessories. Designed to withstand environmental extremes and high pollution levels over long operating lifetimes, they help maintain service reliability in both overhead and underground installations. We have developed specially formulated insulation materials that resist tracking and degradation caused by erosion, UV light and other environmental stresses.

Customer requirements
Intensive R&D in the field of advanced materials and constant improvement programmes help us to increase our responsiveness to customer requirements and to meet the demands of modern cable networks:
- Fewer components
- Simplified cable preparation
- Fast installation
- Safe for installer and environment
- Consistent approach for all cable types and voltage classes
- High reliability
- Qualification to international specifications, such as IEC, CENELEC, IEEE and GOST

Product features
Product design and materials have been systematically improved over more than three decades. This has been achieved through intensive research in close co-operation with our customers to produce new materials for the electrical power industry. The result is a wide range of products with a unique combination of properties:
- Increased resistance to thermal ageing
- Insulation-thickness memory
- Shape memory
- Excellent resistance to surface electrical activity
- Improved UV performance
- Electrical stress control
- Void-free interfacial bonding
- Impermeability to cable oils
- Moisture blocking
- Improved flame resistance
- Elastomer technology
- Mechanical connecting systems
Terminations
- IXGU-F / OXGU-F
  Heat-shrink termination, single-core polymeric, one-piece
- TIFI / TIFO
  Cold-shrink/push-on termination, single-core polymeric
- EPKT & HVFG / SG
  Heat-shrink termination, single-core and three-core polymeric

Tubing
- MWTM
  Heat-shrink insulating and sealing medium-wall tubing
- ZCSM
  Heat-shrink halogen-free insulating tubing for low hazard areas
- WCSM
  Heat-shrink insulating and sealing heavy-wall tubing
- ATUM
  Heat-shrink thin-wall general-purpose insulating and sealing tubing
- FCSM
  Heat-shrink flame retarded heavy-wall flexible insulating tubing
- XCSM
  Heat-shrink medium-wall general-purpose insulating and sealing tubing

Joints
- XDOU
  Heat-shrink inline joint, single-core polymeric

Wraparounds
- NRSM
  Heat-shrink flexible cable jacket repair sleeve

Moulded parts
- TOSU
  Heat-shrink cable caps
- 302K, 402W, 502K
  Heat-shrink cable breakouts
- EPKE
  Heat-shrink live end seal
- CRSM
  Heat-shrink cable jacket repair sleeve
### Approved products for marine and offshore applications

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