



Under the well-established product brand name Raychem, TE Connectivity offers a comprehensive range of cable accessories for almost 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, ultraviolet light and other environmental stresses.

Customer Requirements

Advanced materials research and development and constant improvement programmes are helping 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
- Treat with respect 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 by thorough research in close co-operation with our customers produced novel materials for the electrical power industry. The result is a wide range of products with a unique combination of properties such as:

- 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
- Elastomeric technology
- Mechanical connecting systems



Terminations



IXSU-F / OXSU-F -Heat-shrink termination, single-core and three-core polymeric, one-piece



TFTI / TFTO -Cold-shrink/push-on termination, single-core polymeric



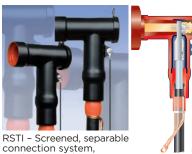
EPKT & HVT-G / SG -Heat-shrink termination, single-core and three-core polymeric



CSTI / CSTO -Cold-shrink termination, single-core polymeric

Connection systems

single-core polymeric



Tubing



MWTM - Heat-shrink insulating and sealing medium-wall tubing

WCSM - Heat-shrink

insulating and sealing heavy-wall tubing

FCSM - Heat-shrink flame

retarded heavy-wall flexi-ble insulating tubing



ZCSM - Heat-shrink halogen-free and flameretarded insulating tub-ing for low hazard areas







XCSM - Heat-shrink medium-wall general-purpose insulating and sealing tubing

Moulded parts



102L- Heat-shrink cable caps



302K, 402W, 502K -Heat-shrink cable breakouts

Joints



SXSU - Heat-shrink inline joint, single-core polymeric



EPKE - Heat-shrink live end seal

Wraparounds



MRSM - Heat-shrink flexible cable jacket repair sleeve



CRSM - Heat-shrink cable jacket repair sleeve









Approved products for marine and offshore applications

Product	PPR	Classification	Certificate	Issued	Expiration
	number	company	number		date
MWTM & WCSM	1675	DNV GL	E-13883	23. Dec 14	31. Dec 18
FCSM	1672	DNV GL	E-13880	23. Dec 14	31. Dec 18
MRSM	1673	DNV GL	E-13881	23. Dec 14	31. Dec 18
ZCSM	1674	DNV GL	E-13882	23. Dec 14	31. Dec 18
EPKT-7 / EPKT-17	1676	DNV GL	E-13884	23. Dec 14	31. Dec 18
HVT-G/SG	1678	DNV GL	E-13886	23. Dec 14	31. Dec 18
TFTI / TFTO	1677	DNV GL	E-13885	23. Dec 14	31. Dec 18
I(O)XSU-F	1679	DNV GL	E-13887	23. Dec 14	31. Dec 18
IXSU-F33xy-KR01	2626	DNV GL	E-13889	23. Dec 14	31. Dec 18
MXSU, MXST, MXSW,	1487	DNV GL	E-13888	23. Dec 14	31. Dec 18
SXSU, SXST, SXSW					
RSTI	2783	DNV GL	E-13890	23. Dec 14	31. Dec 18
RICS	2857	DNV GL	E-13892	23. Dec 14	31. Dec 18
LV EPKJ	2856	DNV GL	E-13891	23. Dec 14	31. Dec 18
MWTM, WCSM	1464	Germanischer Lloyd	65 673-73 HH	14. Oct 13	15. June 19
IXSU-F	1769	Germanischer Lloyd	20 437-04 HH	22. Sep 14	15. June 19
XCSM, CRSM, EPKE, & 102L, 302K, 402W, 502K	1507	Germanischer Lloyd	17 314-00 HH	25. Sep 12	14. Nov 16
TFTI / TFTO	2189	Registro Italiano Navale	No ELE057411XG/001	23. May 11	22. May 16
IXSU-F	2190	Registro Italiano Navale	No ELE057411XG	23. May 11	22. May 16
IXSU-F	1641	Lloyds Register of Shipping	02/200478(E1)	27. Nov 12	4. Sep 17
IXSU-F	2142	Russian Marine Register of Shipping	10.03164.011	20. Dec 10	20. Dec 15
IXSU-F	2402	Bureau Veritas	19969/A0 BV	4. July 12	12. Nov 17
CSTI / CSTO	2997	Det Norske Veritas	E-12791	18. Nov 13	31. Dec 17

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