

HIGH VOLTAGE TERMINATION – HEAT SHRINKABLE SOLUTION UP TO 72,5 kV

ELCOhiTERM TES 72

ELCOhiTERM is Elcon Megarad range of high performance heat-shrinkable products for installation on cable Networks up to 72,5 kV.

ELCOhiTERM TES 72 are heat shrinkable TYPE TESTED terminations up to 72,5 kV.

The electrical eld stress control is achieved by means of the Elcon Megarad specially formulated high permittivity tape, and high performance heat shrinkable tubes.

Application

Outdoor installation.

Single core polymeric cables, copper or aluminum conductor, copper wires cable metallic screen.

Crimping or mechanical bolted conductor lug.

Highest system voltage up to 72,5 kV (U_m).

Storage: up to + 50°C

Compliant with standards IEC 60840.

Selection guide

Description	Cable insulation diameter range [mm]	Max cable outer diameter [mm]	Cable conductor cross section (FOR GUIDANCE ONLY) [mm ²]	Code
ELCOhiTERM TES 72/EW - 120/400	40 - 52	69	120 - 400	FN17893E
ELCOhiTERM TES 72/EW - 400/630	50 - 59	76	400 - 630	FN17894E
ELCOhiTERM TES 72/EW - 630/1000	57 - 76	93	630 - 1000	FN17895E
ELCOhiTERM TES 72/EW - HP4 - 120/400	40 - 52	69	120 - 400	FN21339E
ELCOhiTERM TES 72/EW - HP4 - 400/630	50 - 59	76	400 - 630	FN21340E
ELCOhiTERM TES 72/EW - HP4 - 630/1000	57 - 76	93	630 - 1000	FN21341E
ELCOhiTERM TES 72/EW - HP6 - 120/400	40 - 52	69	120 - 400	FN20663E
ELCOhiTERM TES 72/EW - HP6 - 400/630	50 - 59	76	400 - 630	FN20664E
ELCOhiTERM TES 72/EW - HP6 - 630/1000	57 - 76	93	630 - 1000	FN20665E



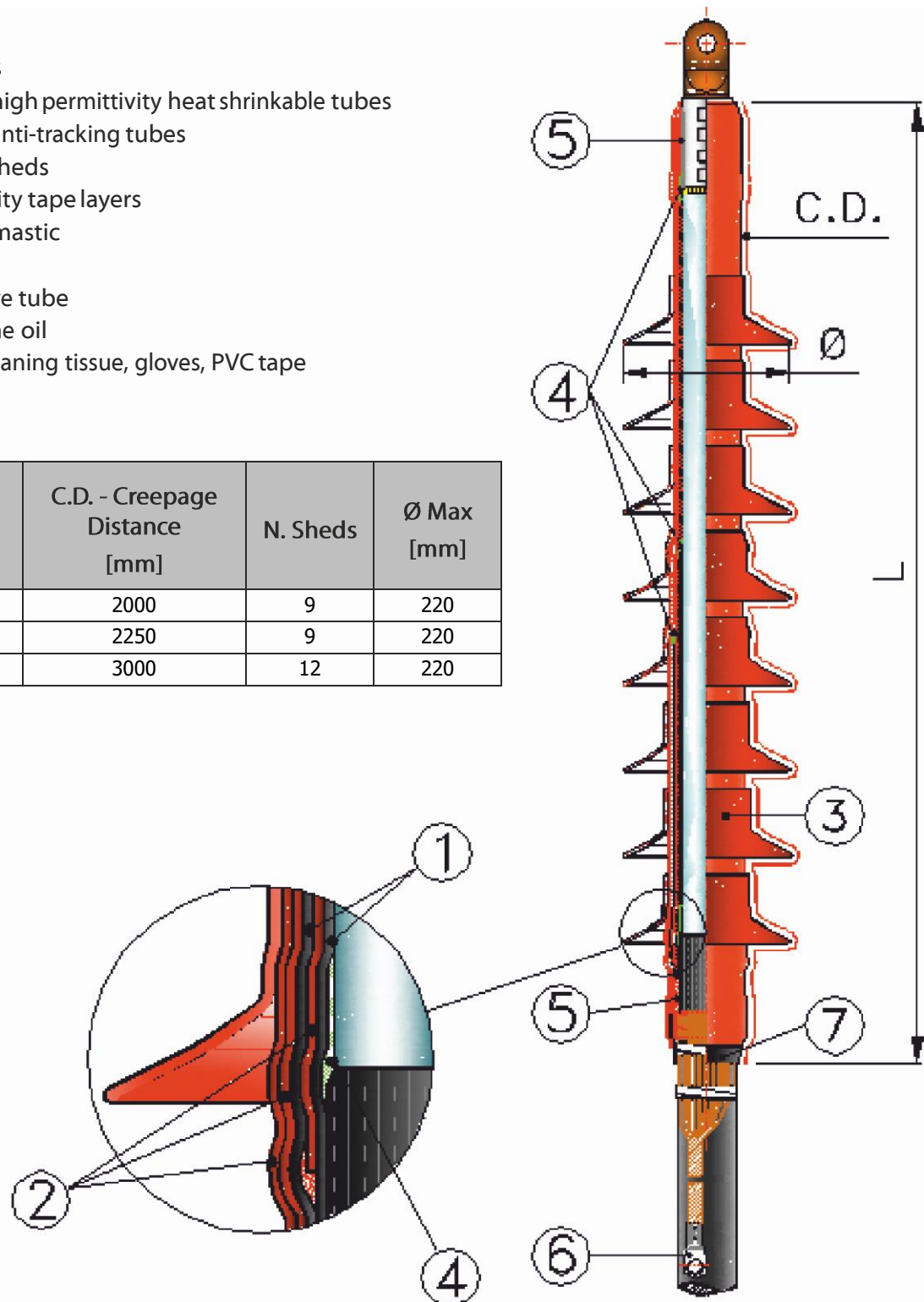
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Kit components

- (1) Nr. 2 layers of high permittivity heat shrinkable tubes
 - (2) Nr. 3 layers of anti-tracking tubes
 - (3) Anti-tracking sheds
 - (4) High permittivity tape layers
 - (5) Water sealing mastic
 - (6) Earthing lug
 - (7) Semiconductive tube
- Lubricating silicone oil
Abrasive cloth, cleaning tissue, gloves, PVC tape

Family	L MAX [mm]	C.D. - Creepage Distance [mm]	N. Sheds	Ø Max [mm]
EW	1200	2000	9	220
EW-HP4	1400	2250	9	220
EW-HP6	1700	3000	12	220



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