

# 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 field 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

Size	Cable insulation diameter range [mm]	Max cable outer diameter [mm]	Cable conductor cross section (FOR GUIDANCE ONLY) [mm <sup>2</sup> ]
ELCOhiTERM TES 72 – 120/400	40 - 52	69	120 - 400
ELCOhiTERM TES 72 – 400/630	50 - 59	76	400 - 630
ELCOhiTERM TES 72 – 630/1000	57 - 76	93	630 - 1000

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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

L [mm]	≈1100
C.D. - Creepage Distance [mm]	≈2100
Ø Max [mm]	200

