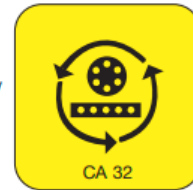


# TEXOPRENE<sup>TM</sup> CABLE – TRHT TRHT-RTS

TRHT TRAILING AND DRAGLINE FLEXIBLE CABLE BASED ON VDE 0250 FROM 1 KV - 42 KV  
TRHT-RTS TRAILING AND DRAGLINE FLEXIBLE CABLE BASED ON IEC-DIN-VDE STANDARD 3 KV - 36 KV

FOR EXTREMELY HIGH MECHANICAL AND <sup>+</sup>TORSIONAL STRESSES



## CONSTRUCTION

**Phase Cores:** finely stranded tinned copper conductor – \* inner conductive layer of conductive rubber – insulation of dielectrical and thermal high quality of ozone resistant EPR – \* outer conductive layer of conductive rubber – above is extruded in a special triple extrusion process – optional protective metallic screen of mixed braid – max. temperature at conductor + 90 °C.  
\*applied mostly on cables for 6 KV and higher

**Earth Core:** copper conductor, finely stranded, tinned –

- a) bare, laid up with phase cores – **(E)** or
- b) jacketed with conductive rubber – **(SE)** or
- c) EPR insulated – **(IE)**, laid up.

**Pilot Cores:** copper conductors, finely stranded, tinned – insulated with ozone resistant EPR – **(P)**, laid up.

**Inner Sheath:** core assembly is bedded into an interstice filling sheath – <sup>+</sup>where specified, a torsional reinforcement is applied.

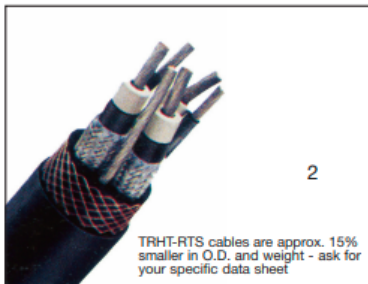
**Outer Sheath:** chlorinated rubber like polychloroprene is applied which integrates any specified torsional reinforcement. The compound is highly abrasion, tear and oil resistant as well as flame retardant and uv-stabilised, colour red.

Please Note: Powermite can offer special designs, core constructions, integrated fibre optics, extensible pilots, different purpose braids and cold resistance cables and light weight/diameter constructions. Special designs render cables outside recognised specifications, such as SABS or VDE.

The first letter "N" in a VDE description expresses its approved standard. If the "N" is in brackets (N), it nominates that the cable has affiliations to certain VDE specifications but is not approved with a VDE mark.

## APPLICATION:

**TRHT** cables are suitable for the power supply of giant mobile equipment e.g. draglines, drillrigs, stackers, reclaimers, shiploaders as found in harbours, steelworks, quarries, open cast or underground mines. Ask for installation instruction CA00. T. 001



TRHT-RTS cables are approx. 15% smaller in O.D. and weight - ask for your specific data sheet

Cables manufactured to VDE0250 can be used on voltages of up to +20% more than the VDE stated nominal voltage.