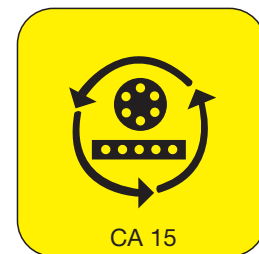


TEXOPRENETM CABLE – TRL

ALLWEATHER CABLE ACCORDING TO VDE0250, NOMINAL VOLTAGE 500 V



MEDIUM HIGH MECHANICAL STRESSES



CONSTRUCTION

Conductor of copper, finely stranded, class 5/6 – insulation of dielectrical and thermal high quality rubber – cores laid up. Powermite cables are available up to 16 mm² conductors – extruded outer sheath of polychloroprene, flame retardant, oil resistant, black.

Please Note: Powermite can offer in this category all weather control cables with different stress relief elements, short length of lay, tough and impact resilient sheath materials.

CORE IDENTIFICATION TO VDE 0293

Cable description bearing – O w/o earth core

Cable description bearing – J with green/yellow earth core

APPLICATION

TRL cables are suitable for indoor and outdoor use in dry, humid and wet applications and medium high mechanical stresses. The cable has been successfully installed on mobile drilling and grinding machines, scrapers, pendant pushbutton stations in the steel, building, mining and automobile industry. **TRL** cables are not suitable for forced guided applications.

TECHNICAL DATA

1. Max. operating Voltage AC	: 330 V / 550 V	7. Derating	: see Table 3 page 52 VDE 0100
2. Max. operating Voltage DC	: 495 V / 825 V	8. Specification	: according to VDE0250
3. Test Voltage AC	: 3000 V	9. Min. bending radius	: mobile 20 x cable O.D. fixed 10 x cable O.D.
4. Conductor resistance	: to DIN/VDE 0295 Class 5/6	10. Tensile stress	: not to exceed 15N/mm ² of total powercore cross section
5. Temperature range	: mobile – 25 °C to + 70 °C fixed – 45 °C to + 70 °C	11. Marking	: printed
6. Current Capacity	: see Table 3 page 52 VDE 0100		

No. of cores and rated cross-section mm ²	max. diameter of single strands mm	outer dimension approx. mm	weight approx. kg/m
TRL-J			
12 x 1	0,16	19,5	0,50
24 x 1	0,16	23	0,74
36 x 1	0,16	27	1,05
8 x 1,5	0,20	16,5	0,35
9 x 1,5	0,16	17,5	0,41
12 x 1,5	0,16	21	0,57
2 x 2,5	0,20	10	0,15

Sizes, cores and designs not mentioned here are available on request

Above sizes may require minimum quantities
All quoted data is approximate and not binding