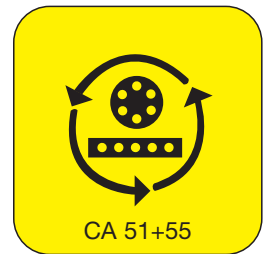
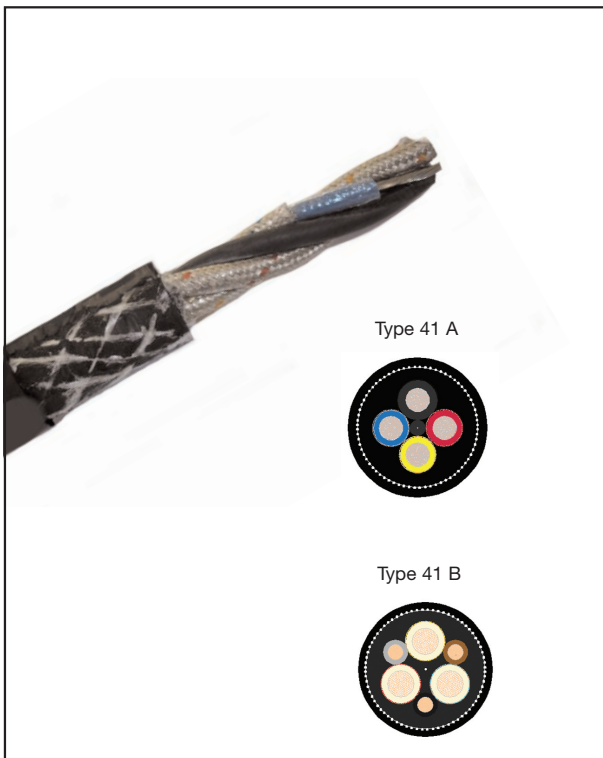


TEXOPRENETM FLEX. SCOOP CABLE - TR41A - 4 core design TR41B - 6 core design

CR SHEATHED TRAILING CABLES TO SANS 1520-1/2 VOLTAGE 640V/1100V



FOR MEDIUM TO HEAVY MECHANICAL STRESSES



CONSTRUCTION

Phase Cores: copper conductor, tinned, finely stranded left lay - ethylene propylene insulation of dielectric and thermal high quality, ozone resistant - copper/nylon braid screened.

Pilot / Earth Conductors: tinned copper wires left lay, EPR insulated, unscreened (use as technically required).

Inner Sheath: the above core assembly is laid up right lay around a filler center, for type TR41A + B up to 25mm² and a cradle center for all other sizes of type TR41B, all with a PCP bedding.

Reinforcement: a torsion open nylon braid is applied.

Outer Sheath: the SANS 1411-3 sheath is bonded to the inner sheath and braid to provide proper torsional protection, black.

Please Note: Powermite cables can be delivered to suit particular technical parameters and client's specific requirements.

CORE IDENTIFICATION

Specification SANS 1411-3.

APPLICATION:

Scoop cables are suitable to feed mobile machines, moveable electric apparatus in hazardous areas, dry and wet conditions, cold or warm environments as found indoors and outdoors i.e. on pumps, fans, drills, shuttle cars etc.

TECHNICAL DATA

1. Max. operating Voltage AC	: 640 V / 1100 V	7. Derating	: see Table 3 page 52 to VDE 0100
2. Max. operating Voltage DC	: 920 V / 1600 V	8. Specification	: to SANS 1520 where applicable
3. Test operating Voltage AC	: up to 2500 V	9. Min. bending radius	: see Table 8 page 55
4. Conductor resistance	: to SANS 1411, Class 5	10. Tensile stress	: not to exceed 15N/mm ² to VDE of total power core cross section
5. Temperature range	: mobile - 25 °C to + 60 °C	11. Marking	: printed or embossed
6. Current Capacity	: see Table 3 page 52 to VDE 0100		

No. of cores and rated cross section	max. diameter stranding approx.	max. outer dimension approx.	weight approx.
mm ²	mm	mm	kg/m

TR 41A SCOOP - 4 CORE DESIGN

3 x 2,5 SCR/ 2,5	0,26 / 0,26	22	0,71
3 x 4,0 SCR/ 4,0	0,31 / 0,31	26	0,9
3 x 6,0 SCR/ 6,0	0,31 / 0,31	28	1,1
3 x10,0 SCR/10,0	0,41 / 0,41	35	2,1
3 x16,0 SCR/16,0	0,41 / 0,41	35	2,1
3 x25,0 SCR/16,0	0,41 / 0,41	41	2,7

No. of cores and rated cross section	max. diameter stranding approx.	max. outer dimension approx.	weight approx.
mm ²	mm	mm	kg/m

TR 41B SCOOP - 6 CORE DESIGN

3 x 16 SCR + 3 x 10	0,41 / 0,41	33	1,8
3 x 25 SCR + 3 x 10	0,41 / 0,41	40	3,1
3 x 35 SCR + 3 x 16	0,41 / 0,41	45	3,6
3 x 50 SCR + 3 x 16	0,41 / 0,41	50	4,5
3 x 70 SCR + 3 x 16	0,51 / 0,41	55	5,6
3 x 95 SCR + 3 x 16	0,51 / 0,41	61	7,0
3 x 120 SCR + 3 x 16	0,51 / 0,41	67	8,4
3 x 150 SCR + 3 x 16	0,51 / 0,41	74	10,2

Please note:

- All cu-screens (SCR) are made in 0,31 mm wire having a braid tensivity of approx. 80%
- Suitable for reeling purposes - please confirm your application with us first!
- Ask for installation instruction CA00. T. 001

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