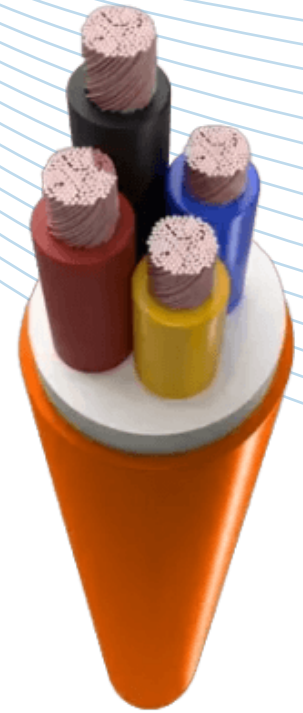




NITRILE TRAILING CABLE

Cable description

Nitrile trailing cables are heavy-duty power cables designed to provide reliable performance in highly demanding environments, often seen in industries such as mining, construction, and heavy machinery operations. These cables are reinforced to withstand severe mechanical stress, making them suitable for trailing applications where cables are subject to constant dragging, pulling, or flexing. Nitrile trailing cables are essential for applications demanding high flexibility, strength, and abrasion resistance, ensuring a long lifespan even in the most challenging industrial environments.



Technical Data

Specifications:	SABS SANS 1574
 Temperature Range: -10°C to 70°C	 Voltage Rating: 600 / 1000V
Core Identification:	Red, Yellow, Blue, Black and other Mono Colours
Sheath Colours	PVC / Nitrile - Orange

Part Number	No. Cores X Size (mm ²)	Nominal Stranding No. x diameter	Conductor Resistance @ 20°C Maximum	Current Rating (A)	Volt Drop (mV / A/m)	Approx. Overall Diameter
			(Ω/km)		1Φ	(mm)
4 CORE (Orange Sheath)						
TRC1.5F04ORA	4G 1.50	42/0.205mm ²	13,3Ω	15	25	11.20
TRC2.5F04ORA	4G 2.50	68/0.205mm ²	7,98Ω	20	15	12.80
TRC4.0F04ORA	4G 4.00	110/0.205mm ²	4,95Ω	30	9.5	14.60
TRC6.0F04ORA	4G 6.00	175/0.205mm ²	3,30Ω	35	6.4	16.50

Applications

- Mining equipment, drills, and conveyors
- Mobile machinery in construction and industrial sites
- Heavy-duty trailing applications, such as cranes and hoists
- Outdoor installations where durability and exposure resistance are essential

Key Features

Nitrile Outer Sheath: The nitrile PVC outer sheath provides exceptional resistance to oils, chemicals, and abrasion. It protects the cable from damage due to rough handling, exposure to harsh elements, and contact with industrial contaminants.

Mechanical Durability: Built to withstand high levels of mechanical stress, these cables are reinforced to resist tearing, cuts, and impacts, ensuring longevity even under intense physical conditions.

Flexibility: Despite their robust construction, nitrile trailing cables maintain flexibility, allowing them to perform well in applications that require constant movement or flexibility over extended distances.

Heat and Flame Resistance: Nitrile trailing cables are typically rated to handle high temperatures, providing thermal protection in environments where heat exposure is expected.

Weather and Water Resistance: These cables are resistant to water ingress and environmental factors such as UV exposure, making them suitable for outdoor use in varying weather conditions.