

Flexible medium voltage cable Supremine[®] (N)TSCGEWOEU[SMK]



DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

Application: For the connection of electrical equipment, large material handling machines such as excavators, cranes, dumpers in mining and tunneling applications. The flexible cable design allows for movement of the equipment during operation.

Min. bending radius: acc. to DIN VDE 0298-3

Construction and technical data:

Standard:	DIN VDE 0250-813 (with ref. to)
Conductor material:	tinned copper
Conductor construction:	Class 5 = flexible
Insulation:	rubber 3GI3
Electrical field control:	inner and outer semiconducting rubber layer
Arrangement of protective conductors:	split in the outer interstices
Material inner sheath:	rubber GM1b
Torsion protection:	polyester braid
Sheathing material:	rubber 5GM5
Colour of outer sheath:	red
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
UV-resistant:	yes
Oil-resistant:	EN 60811-404
Max. temperature at conductor, °C:	90 °C
Max. short circuit temperature at conductor, °C:	250 °C
Permitted outer cable temperature, fixed, °C:	-40 - +80 °C
Permitted outer cable temperature, moved, °C:	-30 - +80 °C
Maximum tensile strength at the conductor:	15 N/mm ²



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

Supremine[®] (N)TSCGEWUEU[SMK] 3,6/6 kV

Nominal voltage U_o: 3.6 kV

Nominal voltage U: 6 kV

Maximum permitted operating voltage in 7.2 kV

three-phase systems:

Test voltage: 11 kV

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
053156	3X120 + 3X70/3	0.164	58.7	4128	6531
053157	3X150 + 3X70/3	0.132	63.5	4992	7761

RI	Conductor resistance
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000