

# Flexible medium voltage cable Supremine<sup>®</sup> (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:

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



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<sup>®</sup>** (N)TSCGEWUEU[SMK] 3,6/6 kV

**Nominal voltage U<sub>o</sub>:** 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	∅ [mm]	Cu	G [kg]
053156	3X120 + 3X70/3	58.7	4128	6531
053157	3X150 + 3X70/3	63.5	4992	7761

∅ outer diameter approx.

Cu Copper weight (GER)

G net weight per 1000