



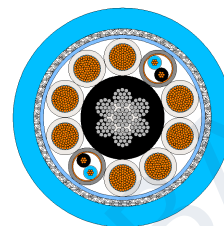
TEBAOFLEX CABLE

DATA SHEET

Mining&Industrial cable

NTMTWOEU

0.6/1 kV mine hoist control cable



APPLICATION

Designed as a vertically suspended flexible cable for the intrinsically safe control of user-operated mine hoists and lifts in underground mining installations. The cable combines control functions with shielded telephone-type pilot connections for reliable communication between operating points. Its central steel support element carries the suspended mechanical load, while the textile anti-torsion braid helps stabilise the cable during hoist movement. Suitable for mine hoist systems requiring control and telephonic communication in one cable.

CONSTRUCTION

Component	Description
Conductors	Flexible stranded tinned copper conductor, class 5 according to DIN VDE 0295
Insulation	EPR type 3GI3
Telephone pilot	Shielded telephone-type pilot
Support element	Central steel support element
Anti-torsion braid	Textile braid
Outer sheath	PCP rubber type 5GM5

CHARACTERISTICS

- Suspended control cable for user-operated mine hoists.
- Designed for intrinsically safe underground mining control circuits.
- Includes shielded telephone-type pilot connections.
- Central steel support element with textile anti-torsion braid.

TECHNICAL CHARACTERISTICS

Parameter	Unit	Value
Cable standard		VDE 0250 Part 813
Rated voltage U ₀ /U	kV	0.6/1

TECHNICAL DATA

DIMENSIONS AND WEIGHT

Values are technical parameters only. Cable dimensions may vary due to manufacturing tolerances.

Cores x nominal cross section (No. x mm2)	Minimum OD mm	Maximum OD mm	Nominal weight kg/km
8x2.5ST+2x1FM(C)	21.7	23.7	800
8x2.5ST+10x(2x1FM)C	34.0	37.5	1450
14x2.5ST+6x1FM(C)	27.0	31.0	1200
18x2.5ST+6x1FM(C)	38.0	42.0	1800
19x1.5(C)ST+6x(2x1FM)C	35.1	38.1	2145

CERTIFICATIONS



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