



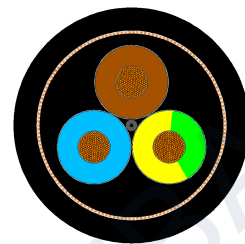
TEBAOFLEX CABLE

DATA SHEET

Mining&Industrial cable

(N)GRDGÖU-O(C)

0.6/1 kV screened neoprene round cable



APPLICATION

Screened flexible round cable for festoon systems, hoists, transport equipment, machine tools, cranes and container cranes, for medium mechanical stresses and frequent bending in dry, damp and wet rooms and outdoors.

CONSTRUCTION

Component	Description
Conductor	Bare flexible copper conductors, DIN VDE 0295 Class 5/6
Core colours	Up to 5 cores colour-coded; 6 cores black numbered; GN/YE protective earth
Lay up	Round festoon cable construction
Outer sheath	Polychloroprene
Outer sheath colour	Black

CHARACTERISTICS

- Suitable for festoon systems, hoists and cranes.
- Screened cable construction.
- Flexible construction for repeated bending.
- Suitable for dry, damp and wet rooms and outdoors.

OPERATING CHARACTERISTICS

Parameter	Value
Nominal voltage U ₀ /U	0.6/1 kV
Test voltage	3 kV
Maximum conductor temperature	+90 °C
Mobile operation	-25 °C to +90 °C
Fixed installation	-35 °C to +90 °C
Minimum bending radius mobile	Approx. 5 x cable diameter
RoHS compliant	Yes

STANDARDS

Parameter	Value
Standard	DIN VDE 0250-809
Conductor	DIN VDE 0295, Class 5/6
Application	Festoon systems, hoists, transport equipment, machine tools, cranes and container cranes
Environment	Dry, damp and wet rooms; outdoors

TECHNICAL DATA

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

Product name	Outer-Ø mm	Weight ca. kg/km	Cu weight kg/km
NGRDGöu-O 12 x 1(C)	23.50	755	239
NGRDGöu-O 18 x 1(C)	28.40	1100	346
NGRDGöu-O 24 x 1(C)	33.20	1510	478
NGRDGöu-O 30 x 1(C)	33.30	1660	585
NGRDGöu-O 36 x 1(C)	36.20	1960	717
NGRDGöu-O 6 x 2 x 1(C)	32.10	1260	427
NGRDGöu-O 9 x 2 x 1(C)	40.20	2030	641
NGRDGöu-O 19 x 2.5 + 5x1(C)	31.00	1650	556
NGRDGöu-O 25 x 2.5 + 5x1(C)	33.00	1920	700

NOTES

- Standard length cable packing is 500 m on drums.
- Other forms of packing and delivery are available on request.

CERTIFICATIONS



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