



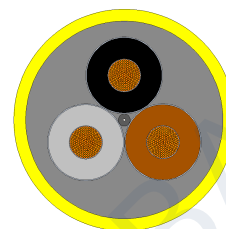
TEBAOFLEX CABLE

DATA SHEET

Mining&Industrial cable

NSSHOEU / NTSWOEU

0.6/1 kV to 3.6/6 kV flexible submersible cable



APPLICATION

Flexible submersible cable for connecting electrical operating equipment in industrial water, particularly submersible pumps used in mining, dewatering and industrial installations. Suitable for continuous power supply where flexible rubber-insulated cables are required in wet service. Three-core versions without a separate earth core are used where the ascending pipe serves as the earth conductor.

CONSTRUCTION

Component	Description
Conductor	Flexible stranded tinned copper conductor, class 5 according to DIN VDE 0295
Insulation	Heat-resistant ethylene-propylene rubber (EPR)
Inner sheath	Rubber compound type GM1b
Outer sheath - 0.6/1 kV	Chlorinated rubber compound type 5GM5; abrasion resistant, tear resistant, oil resistant and flame retardant
Outer sheath - 1.8/3 and 3.6/6 kV	Chlorinated rubber compound type 5GM3; oil resistant and flame retardant

CHARACTERISTICS

- Flexible submersible cable for electrical equipment operating in industrial water.
- Designed particularly for submersible pump connections.
- Heat-resistant EPR insulation and rubber inner sheath.
- Oil-resistant and flame-retardant outer sheath.
- The 0.6/1 kV version is also abrasion and tear resistant.

TECHNICAL INFORMATION

Parameter	Unit	Value
Cable standards		VDE 0250 Parts 812 and 813
Rated voltage U ₀ /U	kV	0.6/1; 1.8/3; 3.6/6

TECHNICAL DATA

DIMENSIONS AND WEIGHT

Dimensions and nominal weights by rated-voltage group.

Number of cores x nominal cross section (No. x mm2)	Nominal overall diameter mm	Nominal weight kg/km
NSSH0EU 0.6/1 kV		
3x4	17.0	400
3x10	22.0	720
3x16	26.0	1050
3x25	31.0	1500
3x35	35.0	2050
3x50	41.0	2820
3x70	45.0	3540
3x95	52.0	4750
4x25	35.0	2010
4x35	38.0	2530
4x50	45.0	3500
3x70/35	49.0	4190
NOTES		

- Nominal overall diameters are stated in millimetres.

- Cable weights are nominal values stated in kilograms per kilometre.

TECHNICAL DATA

DIMENSIONS AND WEIGHT

Dimensions and nominal weights by rated-voltage group.

Number of cores x nominal cross section (No. x mm2)	Nominal overall diameter mm	Nominal weight kg/km
NTSWOEU 1.8/3 kV		
3x25	35.0	1840
3x35	39.0	2410
3x50	43.0	3040
3x70	48.0	3920
3x95	53.0	4950
NTSWOEU 3.6/6 kV		
3x25	45.0	2690
3x35	47.0	3180
3x50	51.0	3860
3x70	56.0	4870
3x95	60.0	5870

NOTES

- Nominal overall diameters are stated in millimetres.
- Cable weights are nominal values stated in kilograms per kilometre.

CERTIFICATIONS

