



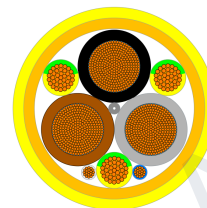
TEBAOFLEX CABLE

DATA SHEET

Mining&Industrial cable

HEAVY DUTY PUR MINING CABLE

Flexible power cable for mobile mining and quarry equipment



APPLICATION

Power supply connections for mobile equipment and vehicles used in quarrying, open-cast mining, large civil engineering works, construction plants and industry.

KEY FEATURES

Parameter	Value
Rated voltage U_0/U	0.6/1 kV
Max. operating voltage	1.2 kV in three-phase systems
Conductor	Bare copper, Class 5, DIN EN IEC 60228
Insulation	Basic EPR
Outer sheath	Yellow polyurethane (PUR)
Conductor temperature	Max. 90 C

CABLE DESIGN

Parameter	Value
Protective conductors	Split in the outer interstices
Core identification	Colours according to VDE 0293 / HD 308
Flame retardance	IEC 60332-1-2 / VDE 0482-332-1-2
Halogen free	IEC 60754 / DIN EN 50267
Temperature, fixed	-60 to +90 C
Temperature, moving	-30 to +90 C
Minimum bending radius	10 x cable diameter
Maximum tensile strength	15 N/mm ² at the conductor

TECHNICAL DATA

HEAVY DUTY PUR MINING CABLE		
Cable type	3x95 + 3G16 + 2x2.5	3x185 + 3G35 + 2x2.5
Conductor resistance ohm/km	0.206	0.106
Ampacity in air at 30 C A	298	456
Approx. outer diameter mm	40.2	57.6
Copper weight kg/km	3245	6384
Net weight kg/km	4025	8080

CERTIFICATIONS



TEBAOFLEX CABLE