



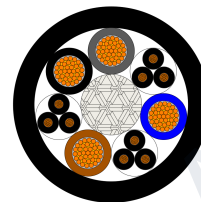
TEBAOFLEX CABLE

DATA SHEET

Mining&Industrial cable

BAULIFT-T / BAULIFT-W CONSTRUCTION LIFT CABLE

Flexible cable systems for construction lifts



APPLICATION

Construction lift cables for the transport of persons and material. Baulift-T is designed for cable basket applications, while Baulift-W is designed for cable trolley applications.

KEY FEATURES

Parameter	Value
Application	Hybrid cables for power supply and control of vertical construction lifts
B101	Drag cable drawn vertically from a drum via the load platform; used up to approximately 150 m heights
B102	Carriage version fed at the centre of the tower for greater heights
B103	Spring-loaded drum version for construction lifts on high buildings

DESIGN

Parameter	Value
Conductor	Bare copper, extra-fine high-flexibility conductors
Power cores	Power supply cores rated 0.6/1 kV
Control cores	Control cores rated 300/500 V with continuous white numbering
Sheath	Special low-temperature flexible plastic sheath, black

ELECTRICAL, THERMAL, MECHANICAL AND MATERIAL DATA

Parameter	Value
Power-core voltage	0.6/1 kV
Control-core voltage	300/500 V
AC test voltage	Power cores 3000 V; control cores 1500 V at 50 Hz
Temperature range	Flexing: -10 deg C to +80 deg C
Minimum bending radius	10 x cable diameter
Mechanical support	B101 drag cable; B102 carriage support braid; B103 spring-loaded drum
Protection	UV-resistant sheath; PUR carriage sheath resists wear, oil, hydrolysis and microbes
Optional feature	Separate copper screening of control cores available

TECHNICAL DATA

BAULIFT B101 - DRAG CABLE APPLICATION				
Cross-section	Cu number kg/km	Outer diameter mm	Weight kg/km	Tensile strength N
5 G 2.5 + 10 x 1.0	220.0	20.0	306.0	14
5 G 2.5 + 11 x 1.0	225.6	20.0	320.0	14
3 G 4 + 7 x 1.0	184.0	17.4	360.0	12
4 G 6 + 9 x 1.0	330.0	20.5	555.0	10
4 G 6 + 10 x 1.0	340.0	21.0	575.0	10
4 G 6 + 15 x 1.0	388.0	22.0	625.0	10
4 G 10 + 10 x 1.0	480.0	25.0	870.0	8
4 G 16 + 6 x 1.0	700.0	26.1	1250.0	6
4 G 16 + 10 x 1.0	710.0	29.0	1300.0	6
4 G 16 + 15 x 1.0	760.0	31.5	1380.0	6
4 G 16 + 1 x 2.5 + 4 x 1.0	830.0	28.5	1460.0	6

TECHNICAL DATA

BAULIFT B102 - CARRIAGE APPLICATION				
Cross-section	Cu number kg/km	Outer diameter mm	Weight kg/km	Tensile strength N
4 G 16 + 1 x 2.5 + 2 x 2 x 1.0	830.0	28.5	1080.0	6
4 G 16 + 1 x 2.5 + 2 x 2 x 1.0	787.0	28.5	1080.0	6
4 G 25 + 1 x 2.5 + 2 x 2 x 1.0	1176.0	33.4	1500.0	4
4 G 35 + 4 x 2.5 + 2 x 2 x 1.0 + 1 x 1.0	1500.0	38.0	1850.0	2

BAULIFT B103 - SPRING-DRIVEN DRUM APPLICATION				
Cross-section	Cu number kg/km	Outer diameter mm	Weight kg/km	Tensile strength N
4 G 2.5 + 3 x 1.0	125.0	13.0	230.0	14
4 G 2.5 + 3 x 1.0	125.0	15.3	280.0	14

APPLICATION NOTES	
Parameter	Value
B101	Vertical drag cable drawn from a drum via the load platform; used up to approximately 150 m heights
B102	Carriage version fed at the centre of the tower for greater heights
B103	Spring-loaded drum version for construction lifts on high buildings
Common design	Flexible low-temperature plastic sheath, UV resistant; optional separate copper screening

CERTIFICATIONS



TEBAOFLEX CABLE