



Reeling cables - böhmflex PUR-R
 ● flame-retardant IEC/EN 60332-1



Technical attributes

Standards	adapted to DIN VDE 0250
Conductor material	Cu, bare
Conductor type	flexible
Conductor standard	DIN VDE 0295/IEC 60228
Conductor category	5
Core insulation	based on Polyester
Core colours	DIN VDE 0293-308 ≤ 5 cores: colour-coded, with/without GN/YE-protection conductor; ≥ 6 cores: black, number-coded, with/without GN/YE-protection conductor
suspension element	central textile element
Inner sheath	pur
Outer sheath	pur
Outer sheath colour	black
Temperature range min., mobile operation	-40 °C
Temperature range max., mobile operation	+90 °C
Temperature range min., fixed installation	-50 °C
Temperature range max., fixed installation	+90 °C
Temperature at conductor max.	+90 °C
Nominal voltage U ₀ /U	0,6/1 kV
Test voltage	2500 V
Current carrying capacity	acc. to DIN VDE
Tensile load without suspension element max.	25 N/mm ²
Minimum bending radius, mobile operation	6 x cable-Ø
Minimum bending radius, fixed installation	6 x cable-Ø
RoHS-compliant	ja yes

Description

As a halogen-and silicone-free reeling PUR control and supply cable for heavy equipment such as motorized cable reels (also in the vertical drum operation), hoists, lifts, portable engines, traction motors and drag chains, with very high mechanical stresses such as frequent winding and unwinding in dry and moist rooms and outdoors.

Note

- flame-retardant IEC/EN 60332-1
- halogen-free
- oil-resistant
- LABS- and silicone-free

Product table



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
03301017	böhmflex PUR-R 4G1,5 bk	on request	on request	on request	black
03301008	böhmflex PUR-R 5G1,5 bk	178	81	11,2	black
03301018	böhmflex PUR-R 7G1,5 bk	218	115	12,8	black
03301019	böhmflex PUR-R 12G1,5 bk	363	196	16,2	black
03301012	böhmflex PUR-R 18G1,5 bk	459	271	17,2	black
03301007	böhmflex PUR-R 24G1,5 bk	590	392	19,8	black
03301020	böhmflex PUR-R 25G1,5bk	on request	on request	on request	black
03301021	böhmflex PUR-R 30G1,5 bk	on request	on request	on request	black
03301002	böhmflex PUR-R 42G1,5 bk	on request	on request	on request	black
03301010	böhmflex PUR-R 4G2,5 bk	208	99	11,7	black
03301022	böhmflex PUR-R 5G2,5 bk	230	125	12,4	black
03301003	böhmflex PUR-R 7G2,5 bk	on request	on request	on request	black
03301023	böhmflex PUR-R 12G2,5 bk	485	308	19,5	black
03301024	böhmflex PUR-R 18G2,5 bk	on request	on request	on request	black
03301001	böhmflex PUR-R 24G2,5 bk	on request	on request	on request	black
03301025	böhmflex PUR-R 25G2,5 bk	on request	on request	on request	black
03301026	böhmflex PUR-R 30G2,5 bk	on request	on request	on request	black
03301027	böhmflex PUR-R 36G2,5 bk	on request	on request	on request	black
03301028	böhmflex PUR-R 42G2,5 bk	on request	on request	on request	black
03301029	böhmflex PUR-R 4G4 bk	281	160	12,9	black
03301030	böhmflex PUR-R 4G6 bk	372	241	14,1	black
03301005	böhmflex PUR-R 4G10 ye	on request	on request	on request	yellow
03301013	böhmflex PUR-R 4G10 bk	598	411	18,00	black
03301031	böhmflex PUR-R 4G16 bk	on request	on request	on request	black
03301016	böhmflex PUR-R 4G25 bk	1222	on request	24,2	black
03301032	böhmflex PUR-R 4G35 bk	on request	on request	on request	black
03301033	böhmflex PUR-R 4G50 bk	on request	on request	on request	black
03301034	böhmflex PUR-R 4G70 bk	on request	on request	on request	black
03301035	böhmflex PUR-R 4G95 bk	on request	on request	on request	black
03301036	böhmflex PUR-R 4G120 bk	on request	on request	on request	black
03301037	böhmflex PUR-R 4G150 bk	on request	on request	on request	black
03301038	böhmflex PUR-R 5G4 bk	on request	on request	on request	black
03301039	böhmflex PUR-R 5G6 bk	on request	on request	on request	black



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03301015	PUR-R 5G10 bk	704	528	19,5	black
03301040	böhmflex PUR-R 5G16 bk	1067	844	23,00	black
03301047	böhmflex PUR-R 4G16+2x(4x1,5)C bk	on request	on request	on request	black
03301041	böhmflex PUR-R 19G2,5+5G1,5(C) bk	on request	on request	on request	black
03301046	böhmflex PUR-R 25G2,5+5G1,5(C) bk	on request	on request	on request	black
03301004	böhmflex PUR-R 7G6 bk	on request	on request	on request	black

