

WILBAflex Mine

320

Robust and compact polyurethane cable (EPR/PUR) halogen-free

Application

Optimised cable with less diameter and weight to connect motors etc. for applications in mining and milling sites, construction plants, industry, etc.

Construction

- Copper cord flex, cl. 5 (IEC 60228) finely stranded
- EPR insulation cross-linked
- conductor colour acc. to CENELEC HD308S2
- Reduced ground wire
- Sheath Polyurethan (PUR)

Description

- Highly robust
- Cold flexibility
- Very high crush properties
- Compact design
- Min. bending radius 10 x D (D = cable-Ø)
- Halogen-free

Electrical data

- Nominal voltage: U₀/U 600 / 1000 V
- Test voltage: 3500 V / 50 Hz

Temperature range

-40° ... +90°C

Jacket colour

Yellow similar to RAL 1021

Standards

IEC 60332-1-2 Flame retardant
 IEC 60754-1 Halogen free
 IEC 60754-2 No corrosive gases
 Designed according to standard SEV TP20B/3C
 Item with FRNC Sheath available (FE0)

Remarks

Special labelling of outer sheath on request
 Other types on request



Technical data

Cross-section mm ²	Part no.	Conductor code	Ø D mm	Copper index kg/km	Weight kg/km	loaded conductor acc. VDE 0298 part 4 A
3X16 + 3G4	31825	3LPE	21.8 ± 0.4	576	760	82
3X25 + 3G4	31826	3LPE	24.2 ± 0.4	835	1035	106
3X35 + 3G6	31827	3LPE	28.6 ± 0.4	1181	1455	135
3X50 + 3G10	31828	3LPE	32.9 ± 0.4	1728	2070	168
3X70 + 3G16	31829	3LPE	38.0 ± 0.5	2477	2890	207
3X95 + 3G16	31830	3LPE	42.7 ± 0.5	3197	3580	250
3X95 + 3G16 (FE0)	31834	3LPE	42.7 ± 0.5	3197	3585	250
3X120 + 3G25	31831	3LPE	48.5 ± 0.5	4176	5140	292
3X185 + 3G35 + 2X2.5	31836	3LPE + 2L	59.3 ± 0.7	6384	7750	382