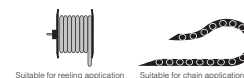


# CABLE REELS

## FLEXIDRUM® R 700



ELETTROTEK KABEL® FLEXIDRUM® R 700



### Construction:

- Conductor:** flexible red copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295
- Insulation:** GAALTHERM®585
- Cores color:** acc. to DIN VDE 0293-308, HD 308 S2 from 6 cores black cores with consecutive numbers acc. to EN 50334; green-yellow earth-wire from 3 cores
- Central unit:** textile element
- Stranding:** in layers around central unit
- Wrapping:** non-woven tape over each layer
- Inner sheath:** special PUR compound
- Supporting screen:** anti-twisting protection of high-tech yarns
- Outer sheath:** yellow (similar to RAL 1021), special PUR compound

### Technical data:

- Nominal voltage:** Uo/U 0,6/1 kV
- Test voltage:** 2,5 kV
- Temperature range:**
- Fixed laying:* -40°C up to +90°C
- Flexible installation:* -30°C up to +90°C
- Min. bending radius:** acc. to DIN VDE 0298 part 3
- Insulation resistance:** > 20 MOhm x km
- Max speed (main application):** 250 m/min

### Resistance:



**Self-extinguishing and flame retardant acc. to:**  
DIN VDE 0482 part 265-2-1  
EN 50265-2-1  
IEC 60332-1-2



**Halogen-free acc. to:**  
DIN VDE 0482 part 267,  
EN 50267-2-1,  
IEC 60754-1



**Oil resistance acc. to:**  
DIN VDE 0473 part 811-2-1  
IEC EN 60811-2-1

### Features:

#### for spreader application!

- vertical use
- small outer diameter
- reduced cable weight
- for SPEED and MINIMUM BENDING RADIUS see pages from 2 to 8 of catalogue
- RoHS and CE approval



### Applications:

FLEXIDRUM® R 700 is used on heavy appliances like motor cable reel hoists, transport systems, movable motors and farm vehicles with high mechanical stress

FOR SPREADER APPLICATION:

Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	Tensile strenght N	AWG no.®)
01060GYA181M25	18G2,5	21,5	432	815	2000	14
01060GYA371M25	37G2,5	31	888	1550	3600	14
01060GYA441M25	44G2,5	34	1056	1800	4000	14
01060GYA561M25	56G2,5	-	1344	-	-	14

Other dimensions and colors available on request.