



FLEXIDRUM® TPE/PUR



For spreader application



Construction:

Conductor:	red copper, fine stranding acc. to VDE 0295, class 6
Insulation:	special TPE
Cores color:	up to 5 cores acc. to VDE 0293 from 7 cores white with black numbered + green/yellow conductor
Stranding:	central textile support
Inner sheath:	special PUR
Supporting screen:	high-tech yarns
Outer sheath:	special yellow PUR, yellow (RAL 1021)

Outstanding features:

- ▶ Vertical use
- ▶ halogen-free and flame resistant
- ▶ small cable weight
- ▶ small outer diameter
- ▶ for SPEED and MINIMUM BENDING RADIUS
see pages 1,2,3/5,6 of catalogue

Technical data:

Temperature range	
Fixed installation:	- 40°C + 90°C
Flexible application:	- 30°C + 90°C
Nominal voltage:	0,6/1 kV
Test voltage:	2500 V
Insulation resistance:	> 20 MOhm x km
Min bending radius: for laying and installation (fixed laying):	≤12 mm 3 x d / >12 mm 4 x d
for repeated winding action (flexible):	6 x d
guided on deflection pulleys (flexible):	7,5 x d
Tensile strength:	2000 N (up to 4000 N on request)
Fire resistant:	VDE 0482, EN, IEC 60332-1-2
Oil resistant:	acc. to DIN VDE 0472 part 803 test B
Max speed:	up to 250 m/min. Please inquire for higher speeds
Resistant to:	halogen-free and flame resistant





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CE



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FOR SPREADER APPLICATION

Part no.	No. of cores x cross-section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	Tensile strength N	AWG no. *)
072018256	18x2,5	21,5	432,0	815	2000	14
072037256	37x2,5	31,0	888,0	1550	4000	14
072044256	44x2,5	34,0	1056,0	1800	4000	14
072056256	56x2,5	-	1344,0	-	-	14

Other construction and sizes are available on request



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