

TEXTROFLEX FLGOU

Neoprene (Rubber) cable with carrier element



Application
Trailflex FLGOU is a power and control cable for use in lift and conveyor application, hoisting devices and many other similar installation. It is suitable for dry, humid and wet rooms and also for outdoor applications.

Construction

| | |
|--------------------|--|
| Conductor : | Fine stranded plain copper according to VDE 0295 Class 6 |
| Insulation: | Rubber compound |
| Core colour : | Up to 5 cores coloured according to VDE 0293 -7 cores and above black with white numbers with green/yellow earth |
| Core Arrangement : | Cores stranded in layers |
| Outer sheath : | Polychloroprene (Neoprene) |
| Sheath colour : | Black RAL 9005 |
| Imprint : | FLGOU 300/500V |

Working Environment

| | |
|---|--|
| Maximum operating temperature in fixed application : | -40 deg C - + 80 deg C |
| Maximum operating temperature in mobile application : | -30 deg C - + 80 deg C |
| Maximum temperature at conductor : | +90 deg C |
| Environment : | suitable for use in wet, dry & humid areas& outdoors |

Electrical properties

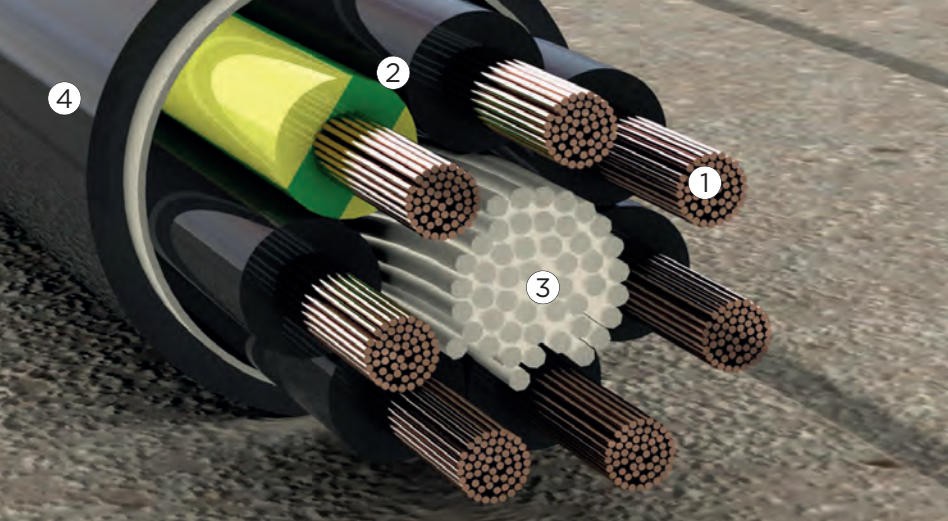
| | |
|-------------------|-----------|
| Nominal voltage : | 300/500 V |
| Test Voltage : | 3000 V |

Additional information

| | |
|--------------------------|----------|
| Minimum bending radius : | 12.5 x d |
|--------------------------|----------|

Applied Standards

| | |
|--|----------|
| | VDE 0250 |
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- ① Copper conductor
- ② Rubber insulation
- ③ Central support element
- ④ Neoprene (PCP) outer sheath

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| Part No | Cross Section mm ² | Current Rating @ 30 Deg | CU Number kg/km | Outer diameter approx. (mm) | Weight kg/km | Suspension Breaking Load (N) |
|---------------|----------------------------------|----------------------------|--------------------|--------------------------------|-----------------|---------------------------------|
| 08023 0100 03 | 3 G 1 | 15A | 30.0 | 8.3 | 116 | 300 |
| 08023 0100 04 | 4 G 1 | 15A | 40.0 | 8.9 | 142 | 300 |
| 08023 0100 05 | 5 G 1 | 15A | 48.0 | 10.4 | 171 | 300 |
| 08023 0100 07 | 7 G 1 | 15A | 67.0 | 13.6 | 220 | 2200 |
| 08023 0100 09 | 9 G 1 | 15A | 91.0 | 14.4 | 260 | 300 |
| 08023 0100 12 | 12 G 1 | 15A | 115.0 | 17.2 | 335 | 6740 |
| 08023 0100 18 | 18 G 1 | 15A | 173.0 | 19.4 | 575 | 960 |
| 08023 0100 24 | 24 G 1 | 15A | 230.0 | 23.4 | 630 | 2890 |
| 08023 0100 36 | 36 G 1 | 15A | 346.0 | 25.8 | 940 | 960 |
| 08023 0100 48 | 48 G 1 | 15A | 461.0 | 30.6 | 1115 | 3850 |
| 08023 0100 54 | 54 G 1 | 15A | 518.0 | 31.6 | 1580 | 1620 |
| 08023 0150 03 | 3 G 1.5 | 18A | 44.0 | 8.7 | 141 | 300 |
| 08023 0150 04 | 4 G 1.5 | 18A | 58.0 | 11.0 | 165 | 570 |
| 08023 0150 05 | 5 G 1.5 | 18A | 72.0 | 12.5 | 195 | 870 |
| 08023 0150 07 | 7 G 1.5 | 18A | 110.0 | 14.5 | 260 | 260 |
| 08023 0150 12 | 12 G 1.5 | 18A | 173.0 | 20.9 | 510 | 7710 |
| 08023 0150 18 | 18 G 1.5 | 18A | 288.0 | 21.2 | 630 | 960 |
| 08023 0150 24 | 24 G 1.5 | 18A | 346.0 | 24.0 | 820 | 3850 |
| 08023 0150 42 | 42 G 1.5 | 18A | 642.0 | 29.7 | 1245 | 3460 |
| 08023 0250 03 | 3 G 2.5 | 26A | 74.0 | 10.2 | 173 | 300 |
| 08023 0250 04 | 4 G 2.5 | 26A | 98.0 | 13.1 | 230 | 570 |
| 08023 0250 05 | 5 G 2.5 | 26A | 120.0 | 14.0 | 330 | 860 |
| 08023 0250 07 | 7 G 2.5 | 26A | 171.0 | 16.4 | 350 | 3460 |
| 08023 0250 12 | 12 G 2.5 | 26A | 288.0 | 24.6 | 660 | 6060 |
| 08023 0250 18 | 18 G 2.5 | 26A | 432.0 | 24.4 | 875 | 2290 |
| 08023 0250 24 | 24 G 2.5 | 26A | 578.0 | 28.5 | 1145 | 6060 |
| 08023 0250 36 | 36 G 2.5 | 26A | 864.0 | 33.2 | 1730 | 2700 |
| 08023 0400 04 | 4 G 4 | 34A | 157.0 | 15.2 | 400 | 480 |
| 08023 0400 05 | 5 G 4 | 34A | 197.0 | 16.8 | 430 | 600 |
| 08023 0600 04 | 4 G 6 | 44A | 236.0 | 16.8 | 524 | 720 |
| 08023 0600 05 | 5 G 6 | 44A | 295.0 | 19.2 | 560 | 900 |
| 08023 1000 04 | 4 G 10 | 61A | 393.0 | 21.8 | 725 | 1200 |
| 08023 1000 05 | 5 G 10 | 61A | 491.0 | 24.6 | 923 | 1500 |
| 08023 1600 04 | 4 G 16 | 82A | 629.0 | 25.4 | 1028 | 1920 |
| 08023 1600 05 | 5 G 16 | 82A | 767.0 | 28.0 | 1260 | 2400 |

We reserve the right to amend all technical details without prior notification