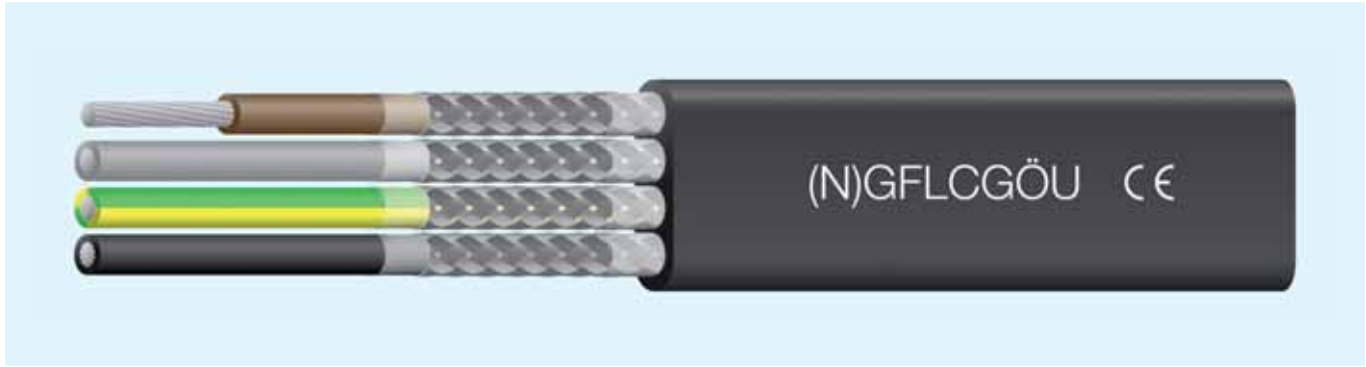


# (N)GFLCGÖU

Flat neoprene screened cables, EMC\*



## Cable structure

- Stranded bare copper or tinned copper conductor according to DIN VDE 0295, IEC 60228 cl. 5/6
- Core insulation of special rubber
- Cores color coding according to DIN VDE 0293-308 (6 cores and more black cores with repeated white numbering)
- Cores laid concurrently and single screened
- Cores wrapped in the plastic foil
- Tinned copper braided screening (Al-PET foil screening on request)
- Sheath of special neoprene, low temperature resistant, color black
- Tested according to DIN VDE 0482 part 265-2-1/ EN 50265-2-1/ IEC 60332-1

## Technical data

- Special neoprene flat cable according to DIN VDE 0250 part 809
- **Temperature range** flexing from -25 °C to +80 °C  
fixed from -40 °C to +80 °C
- **Nominal voltage** 300/500 V
- **Test voltage a.c.** 3000 V
- **Minimum bending radius** inf. 5× cable diameter
- **Radiation resistance** up to  $50 \times 10^6$  cJ/kg (up to 50 Mrad)

## Application

Due to its low bending radius, high flexibility and minimal need for space, these neoprene flat cables are ideal to be used as trailing cables for lifting devices, cranes, transport platforms etc.

## Note

\*EMC = Electromagnetic compatibility – recommended type

CE = the product is conformed with the EC Low-Voltage Directive 73/23/EEC

Other sizes and types available on request.

Conforms to RoHS.

Part No.	Number of cores × core cross section [mm <sup>2</sup> ]	Height × width cca [mm]	Cooper weight [kg/km]	Approx. cable weight [kg/km]
0728101	4 × 1,5	8,0 × 22,5	115	224
0728104	8 × 1,5	8,0 × 41,1	231	480
0728105	10 × 1,5	8,5 × 51,8	276	770
0728106	12 × 1,5	8,5 × 62,4	364	795
0728108	4 × 2,5	8,5 × 25,5	168	437
0728110	6 × 2,5	8,6 × 33,8	270	610
0728112	12 × 2,5	8,6 × 65,1	575	1150
0728114	4 × 4	9,0 × 30,0	241	505
0728117	4 × 6	9,5 × 32,0	358	590

Part No.	Number of cores × core cross section [mm <sup>2</sup> ]	Height × width cca [mm]	Cooper weight [kg/km]	Approx. cable weight [kg/km]
0728120	4 × 10	11,0 × 37,4	497	830
0728122	4 × 16	13,0 × 42,4	805	1430
0728124	4 × 25	16,0 × 51,0	1105	1890
0728127	4 × 35	18,0 × 60,0	1475	2460
0728130	4 × 50	21,0 × 67,0	1990	3385
0728131	4 × 70	22,5 × 76,0	2900	4480
0728132	4 × 95	24,6 × 84,5	3820	5990
0728133	4 × 120	27,0 × 92,0	4935	7280