

## FLEXIFESTOON® NE-FLAT CY (N)GFLCGÖU

Screened rubber flat cables, 0,6/1 kV

ELETTROTEK KABEL® FLEXIFESTOON® NE-FLAT CY ((N)GFLCGÖU)



### Construction:

- Conductor:** flexible red copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295 (<=25 mm<sup>2</sup>)  
Flexible red copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295 (>=35 mm<sup>2</sup>)
- Insulation:** EPR type 3GI3 acc. to DIN VDE 0207
- 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
- Stranding:** cores laying parallel
- Screen:** tinned copper braid
- Outer sheath:** black (similar to RAL 9005), rubber PCP type 5GM3

### Resistance:



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



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

### Technical data:

- Nominal voltage:** U<sub>0</sub>/U 0,6/1 kV
- Test voltage:** 4 kV
- Temperature range:**  
*Fixed laying:* -40°C up to +80°C  
*Flexible application:* -30°C up to +80°C
- Max. temp on conductor:**  
*In service:* up to +90°C  
*In short circuit:* up to +250°C
- Min. bending radius:** acc. to DIN VDE 0298 part 3
- Max speed (main application):** 180 m/min
- Tensile strength:**  
*Static:* 15 n/mm<sup>2</sup>  
*Dynamic:* 30 n/mm<sup>2</sup>

### Features:

- UV, ozone, chemical and resistant
- Indoor/outdoor use
- minimum waste of space
- high flexibility
- acc. to DIN VDE 0250-809
- for SPEEDS and MINIMUM BENDING RADIUS see pages from 2 to 8 of catalogue
- RoHS and CE approval



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	AWG no.*)
03040G72041M15	4G1,5	8x19,4	120	245	16
03040G70081M15	8G1,5	8x37,4	235	540	16
03040G70101M15	10G1,5	8,6x46,9	280	725	16
03040G70121M15	12G1,5	8,6x55,9	365	880	16
03040G72041M25	4G2,5	8,8x23	170	335	14
03040G70061M25	6G2,5	8,8x32,5	275	535	14
03040G70121M25	12G2,5	9,4x62,5	580	1180	14
03040G72041M40	4G4	9,2x26,8	245	435	12
03040G72041M60	4G6	9,9x29,5	360	565	10
03040G72041M61	4G10	11,4x35,7	540	805	8
03040G72041M62	4G16	12,9x39,9	810	1080	6
03040G72041M63	4G25	14,4x46,9	1205	1535	4
03040G72041M64	4G35	16,5x53,5	1660	2085	2
03040G72041M65	4G50	18,5x61,5	2265	2755	1
03040G70042A18	4x(2x)C	32x12	305	1054	18
03040G70072A18	7x(2x1)C	57x12	200	570	18
03040G70122A18	12x(2x1)C	68x15,3	600	1640	18

Other dimensions and colors available on request.