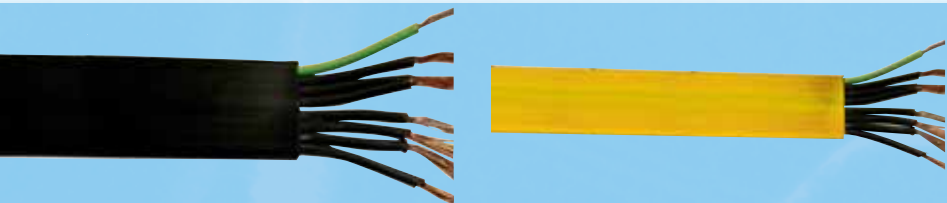




## FLEXIFESTOON® NE-FLAT (NGFLGÖU) UL

CE



### Construction:

<b>Conductor:</b>	bare copper, stranded to DIN VDE 0295 and IEC 60228, fine or extra fine wire stranded acc. to different cross-sections. 1 to 25 mm <sup>2</sup> class 6/35 to 90 mm <sup>2</sup> class 5
<b>Insulation:</b>	special rubber compound type 3GI3
<b>Cores color:</b>	up to 5 cores to color code DIN VDE 0293 7 cores and above with number printing + green-yellow
<b>Stranding:</b>	cores laying parallel
<b>Outer sheath:</b>	special rubber type 5GM3, acc. to DIN VDE 0207 part 21

### Technical data:

<b>Temperature range:</b>	
fixed installation:	-40°C to +85°C
flexible installation:	-35°C to +85°C
<b>Nominal voltage:</b>	300/500 V (UL 600 V)
<b>Test voltage:</b>	3000 V
<b>Min. Bending radius:</b>	5 x d
<b>Max. temperature on conductor in short circuit:</b>	+90°C +250°C + 250°C
<b>Oil resistance:</b>	very good
<b>Chemical resistance:</b>	very good

### Outstanding features:

- ▶ Extremely small bending radius
- ▶ high flexibility
- ▶ minimum waste of space
- ▶ cold resistant
- ▶ UL STYLE 4540 90°C 600 V
- ▶ for SPEEDS and MINIMUM BENDING RADIUS see page 1,2,3/5,6 of catalogue

Other construction and sizes are available on request

Part no.	No. of cores x cross-section n x mm <sup>2</sup>	Outer-Ø ca. mm ± mm	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
05010415UL	4G1,5	5,4x16,3	58,0	200	16
05010515UL	5G1,5	5,4x20,9	72,0	250	16
05010715UL	7G1,5	5,4x27,6	101,0	310	16
05010815UL	8G1,5	5,4x30,7	115,0	350	16
05011015UL	10G1,5	6,1x39,2	144,0	480	16
05011215UL	12G1,5	6,1x45,5	173,0	560	16
05011215UL	24G1,5	12,5x53,5	345,6	1170	16
05010425UL	4G2,5	6,8x19,7	96,0	290	14
05010525UL	5G2,5	6,8x25,0	120,0	360	14
05010725UL	7G2,5	6,8x32,0	168,0	500	14
05010825UL	8G2,5	6,8x36,5	192,0	520	14
05011025UL	10G2,5	6,8x42,0	240,0	690	14
05011225UL	12G2,5	8,2x52,8	288,0	810	14
05011225UL	24G2,5	16,0x69,3	576,0	1600	14
05010440UL	4G4	8,1x23,3	154,0	400	12
05010540UL	5G4	8,1x28,0	192,0	530	12
05010740UL	7G4	8,1x38,3	269,0	690	12
05010460UL	4G6	8,9x26,4	230,0	550	10
05010560UL	5G6	8,9x33,2	288,0	620	10
05010760UL	7G6	8,9x43,9	403,0	920	10
05010461UL	4G10	10,2x31,8	384,0	800	8
05010561UL	5G10	10,2x39,8	480,0	1000	8

Part no.	No. of cores x cross-section n x mm <sup>2</sup>	Outer-Ø ca. mm ± mm	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
05010761UL	7G10	10,2x53,3	672,0	1400	8
05010462UL	4G16	12,0x37,2	614,0	1120	6
05010562UL	5G16	12,0x50,0	768,0	1420	6
05010762UL	7G16	12,5x63,5	1075,0	2360	6
05010463UL	4G25	13,2x43,0	960,0	1480	4
05010563UL	5G25	13,2x60,0	1200,0	2210	4
05010763UL	7G25	14,5x74,8	1680,0	3250	4
05010464UL	4G35	15,6x49,7	1344,0	2190	2
05010764UL	7G35	16,2x85,5	2352,0	4150	2
05010465UL	4G50	18,1x58,5	1920,0	3030	1
05010466UL	4G70	21,0x69,3	2688,0	4340	2/0
05010467UL	4G95	23,5x76,8	3648,0	5120	3/0
05010468UL	4G120	25,8x85,5	4608,0	6350	4/0

