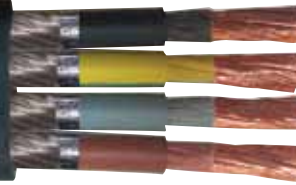


FLEXIFESTOON® NE FLAT M(StD)HÖU-J/O UL

Screened rubber flat cables, UL approval



ELETTROTEK KABEL® FLEXIFESTOON® NE-FLAT M(StD)HÖU-J/O UL
UL style 4540 90°C 600 V FT-1 600 V



Construction:

Conductor:	flexible red copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295 (from 1 up to 25 mm ²) Flexible red copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295 (from 35 mm ²)
Wrapping:	PETP tape
Insulation:	rubber HEPR 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 pairs: cores twisted in pairs with short lay length wrapping with PETP foil, pairs laying parallel
Screen:	tinned copper wires + aluminium tape/PETP foil
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 ₀ /U 0,6/1 kV (UL 600 V)
Test voltage:	4 kV
Temperature range:	
<i>UL:</i>	up to +90°C
<i>Fixed laying:</i>	-40°C up to +85°C
<i>Flexible application:</i>	-30°C up to +85°C
Max. temp on conductor:	
<i>In service:</i>	up to +90°C
<i>In short circuit:</i>	up to +250°C
Min. bending radius:	acc. to DIN VDE 0298 part 3
Max speed (main application):	180 m/min
Radiation resistance:	up to 50x10 ⁶ cJ/kg (up to 50 Mrad)
Tensile strenght:	
<i>Static:</i>	15 N/mm ²
<i>Dynamic:</i>	30 N/mm ²

Features:

UV, ozone, and chemical resistant
extremely small bending radius
minimum waste of space
high flexibility
cold resistant
acc. to DIN VDE 0250 part 809 table 2
UL listed approval available on request
AWM style 4540 90°C 600 V FT-1 600 V
for SPEEDS and MINIMUM BENDING RADIUS
see pages from 2 to 8 of catalogue
RoHS and CE approval



FESTOON CABLES

FLEXIFESTOON® NE FLAT M(StD)HÖU-J/O UL

Screened rubber flat cables, UL approval



ELETTROTEK KABEL® FLEXIFESTOON® NE-FLAT M(SID)HÖU-J/O UL
UL style 4540 90°C 600 V FT-1 600 V



Suitable for festoon 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	AWG no.®)
03190F72041A16	4G1,5	20,8x7,5	99	291	16
03190F72051A16	5G1,5	24,8x7,5	124	350	16
03190F70081A16	8G1,5	38,1x7,5	228	537	16
03190F71080A16	8x1,5	38,1x7,5	228	537	16
03190F70121A16	12G1,5	55,3x7,5	343	795	16
03190F71120A16	12x1,5	55,3x7,5	343	795	16
03190F72041A14	4G2,5	23,4x8,2	163	418	14
03190F70061A14	6G2,5	32,5x8,2	245	535	14
03190F70121A16	12G2,5	63x8,2	493	1004	14
03190F72041A12	4G4	26,8x9	241	440	12
03190F72041A10	4G6	29,7x9,7	353	603	10
03190F72041A08	4G10	35,9x11,7	497	955	8
03190F72041A06	4G16	39,9x13,1	805	1254	6
03190F72041A04	4G25	45,5x14,2	1200	1694	4
03190F72041A02	4G35	53,1x16,4	1657	2282	2
03190F72041A01	4G50	63,2x19,2	2261	3130	1
03190F72041A2C	4G70	75x22,9	3259	4680	2/0
03190F72041A3C	4G95	79,1x24	4311	5605	3/0
03190F70042A18	4x(2x1)StD	32x11,7	156	525	18
03190F70072A18	7x(2x1)StD	57,5x11,7	205	909	18
03190F70122A18	12x(2x1)StD	68,3x15,4	460	1500	18
03190F70122A18	4x(4G1,5)StD	40,6x11,5	440	900	16

Other dimensions and colors available on request.