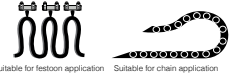


FLEXIFESTOON® C PUR



ELETTROTEK KABEL® FLEXIFESTOON® C PUR



Construction:

Conductor:	flexible red copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295
Insulation:	special TPE compound
Cores color:	acc. to DIN VDE 0293-308, HD 308 S2 3 conductors + 3 earth conductors: grey, brown, black and green/yellow divided in interstices 4 cores: green/yellow, brown, black, grey
Central unit:	textile elements
Stranding:	in layers around central unit
Screen:	tinned copper braid
Outer sheath:	black (similar to RAL 9005), PUR compound

Technical data:

Nominal voltage:	U ₀ /U 0,6/1 kV
Test voltage:	4 kV
Temperature range:	
<i>Fixed laying:</i>	-50°C up to +90°C
<i>Flexible application:</i>	-40°C up to +90°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:	6 x D
Tensile strenght:	up to 15 n/mm ²
Max speed (main application):	240 m/min

Resistance:



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



Halogen-free acc. to:
DIN VDE 0482 part 267,
EN 50267-2-1,
IEC 60754-1

Features:

UV, oil, and chemical resistance
small outer diameter
reduced cable weight
high mechanicla resistance
for SPEEDS and MINIMUM BENDING RADIUS
see pages from 2 to 8 of catalogue

RoHS and CE approval



Applications:

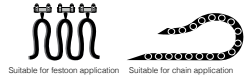
FLEXIFESTOON® C PUR
is used as energy and control cable at very high mechanical stresses.
For FESTOON SYSTEMS, and machine tools or conveying systems.
Possible drum reeling cable use.

FESTOON CABLES

FLEXIFESTOON® C PUR



ELETTROTEK KABEL® FLEXIFESTOON® C PUR



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	Tensile strength N	AWG no.*)
03120G72041M40	4G4	14	221	340	240	12
03120G72041M60	4G6	15,2	300	430	360	10
03120G72041M61	4G10	18,5	454	640	600	8
03120G72041M62	4G16	22	694	1070	960	6
03120G72041M63	4G25	25,5	1050	1520	1500	4
03120G72041M64	4G35	30	1444	2037	2100	2
03120G72041M65	4G50	35	2124	2780	3000	1
03120G70081M25	8G2,5	13	254,4	342	300	14
03120G72037M40	3x4+3G4/3	12,6	212	269	240	12
03120G72037M60	3x6+3G6/3	14,7	297,6	376	360	10
03120G72037M61	3x10+3G10/3	18,5	495,5	631	600	8
03120G72037M62	3x16+3G16/3	21,7	747,8	922	960	6
03120G72037M63	3x25+3G16/3	23,4	1026	1182	1500	4
03120G72037M64	3x35+3G16/3	26,8	1326	1528	2500	2
03120G72037M65	3x50+3G25/3	30	1874,4	2146	3000	1
03120G72037M66	3x70+3G10	35,8	2581,4	2901	4000	2/0

Other dimensions and colors available on request.