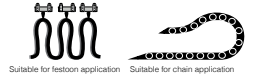


FLEXIFESTOON® PUR



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 from 6 cores black cores with consecutive numbers acc. to EN 50334; green-yellow earth-wire from 3 cores
Central unit:	textile elements
Stranding:	in layers around central unit
Wrapping:	non woven tape
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

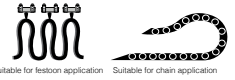


Applications:

FLEXIFESTOON® 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® PUR



ELETTROTEK KABEL® FLEXIFESTOON® 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	AWG no.*)
03110G7L010M62	1x16	8,7	153,6	179	6
03110G7L010M63	1x25	10,5	240	272	4
03110G7L010M64	1x35	12,1	226	377	2
03110G7L010M65	1x50	13,5	480	534	1
03110G7L010M66	1x70	15,8	672	712	2/0
03110G7L010M67	1x95	18,7	912	990	3/0
03110G7L010M68	1x120	20,4	1152	1187	4/0
03110G7L010M69	1x150	22,3	1440	1482	250 MCM
03110G7L010M70	1x185	24	1776	1781	350 MCM
03110G7L010M71	1x240	28,1	2304	2412	450 MCM
03110G72031M15	3G1,5	7,3	43,2	76	16
03110G72041M15	4G1,5	7,9	57,6	94	16
03110G72051M15	5G1,5	8,6	72	116	16
03110G70071M15	7G1,5	10,2	100,8	167	16
03110G70121M15	12G1,5	12,6	172,8	246	16
03110G70181M15	18G1,5	15	259,2	369	16
03110G70241M15	24G1,5	17,7	345,6	477	16
03110G70301M15	30G1,5	18,9	432	583	16
03110G72031M25	3G2,5	8,3	72	109	14
03110G72041M25	4G2,5	9,3	96	140	14
03110G72051M25	5G2,5	10,1	120	174	14
03110G70071M25	7G2,5	12,1	168	251	14
03110G70121M25	12G2,5	15,0	288	379	14
03110G70181M25	18G2,5	17,5	432	557	14
03110G70241M25	24G2,5	21,1	576	732	14
03110G70301M25	30G2,5	22,3	720	889	14
03110G72041M40	4G4	10,9	153,6	208	12
03110G72041M60	4G6	12,8	230,4	301	10
03110G72041M61	4G10	16,5	384	497	8
03110G72041M62	4G16	20,7	614,4	769	6
03110G72041M63	4G25	24,3	960	1125	4
03110G72041M64	4G35	28,5	1344	1585	2
03110G72041M65	4G50	32,1	1920	2232	1
03110G72051M61	5G10	18,2	480	616	8
03110G72051M62	5G16	23,1	768	980	6
03110G72051M63	5G25	27,1	1200	1434	4

Other dimensions and colors available on request.