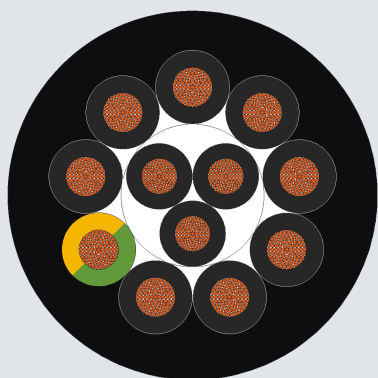


STATIC APPLICATION



TECNIFLEX[®]

POWER&CONTROL MULTICORE BK

0,6-1kV

APPLICATIVE FEATURES



MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM ²)	CROSS SECTION MAX (MM ²)	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.50	95.00	15.0xø (occ. flexing)	6.0xø

DESCRIPTION

Power and control cables for occasional flexing or static installation use, with medium mechanical stress resistance. They are suitable for dry, damp, and wet environments. Outdoor use is allowed thanks to UV-resistant performance (only for static use). These cables are designed for machine tools, assembly lines, conveyor belts, production lines, heating or cooling facilities, foundries, and steel mills.

APPROVALS



2014/35/CEE



CPR Eca



2011/65/UE



1907/2006

TECHNICAL DATA



DURING INSTALLATION

0 °C +70 °C

STATIC

-40 °C +80 °C

OCCASIONAL FLEXING

-5 °C +70 °C



NOMINAL VOLTAGE

0,6/1 KV



TEST VOLTAGE

4.0 KV



INSULATION RESISTANCE

> 20 GOHM/CM

CONSTRUCTION FEATURES

POWER CONDUCTORS	CONDUCTOR	CL5 FLEXIBLE. BARE COPPER
	INSULATION	PVC COMPOUND.
	INSULATION COLOR	BLACK NUMBERED + GREEN-YELLOW
OVERALL STRANDING	FILLER	FILLER NOT HYGROSCOPIC
	TALC	TALC POWDER
	SHEATH	PVC COMPOUND.
	SHEATH COLOUR	MATTE BLACK, RAL: 9005, DESINA: NO

PRODUCTS FEATURES



FIRE PERFORMANCE
IEC EN 60332-1-2
DIN VDE 0482-332-1-2



OIL PERFORMANCE
EN 50290-2-22
TM54 CEI 20-34/0-1 4 H @ 70°C OIL
IRM 902
VDE 0819-102



UV PERFORMANCE
ISO 4892-2-2013
ISO 4892-3-2006
DIN EN ISO 4892-2
EN ISO 4892-3-2006
EN ISO 4892-2-2013 METHOD A
(COLOUR CHANGING ALLOWED)
EN 50525-1
VDE 0285-525-1 BLACK SHEATH
CABLES ARE SUITABLE FOR
OUTDOOR PERMANENT USAGE
NF C 32-321
NF C 32-321 ANNEX A

TECO CODE	N° CORES X CROSS-SECTION	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)	INS. COLOUR EXC
34295	2X1,00	✓	100		7.2	75	
34302	2X1,50	✓	100	500	8.5	110	
34310	2X2,50	✓		500	9.5	150	
39280	3G0,75	✓	100	500	7	74	
34296	3X1,00	✓	100	500	7.6	90	BLACK NUMBEREDS
34297	3G1,00	✓	100	500	7.6	90	
34303	3G1,50	✓	100	500	9	130	
36848	3X1,50	✓	100	500	9	130	BLACK NUMBEREDS
34298	4X1,00	✓	100	500	8.4	115	BLACK NUMBEREDS
34299	4G1,00	✓	100	500	8.4	115	
34304	4G1,50	✓			9.6	155	
34311	4G2,50	✓		500	11.3	225	
34314	4G4,00	✓		500	13	315	
34317	4G10,00	✗			18.5	680	
35507	4G16,00	✓			21.8	980	
35509	4G35,00	✓			30.1	1961	
34300	5G1,00	✓		500	9.2	140	
34312	5G2,50	✓		500	12.5	280	
34301	7G1,00	✓		500	10	170	
34313	7G2,50	✓			13.8	355	
34307	12G1,50	✓			15.5	385	
34335	18G1,00	✓			15.7	395	
34308	18G1,50	✓			18.2	550	

TE.CO. reserves the right to make changes to any of the products without, however, affecting the essential technical features. Unless specified otherwise, all the product ratings stated are nominal ratings. The RAL colour code is provided for illustrative purposes only.

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