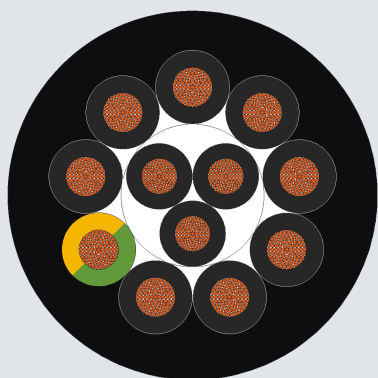


## STATIC APPLICATION



# TECNIFLEX<sup>®</sup>

## POWER&CONTROL MULTICORE BK

### 0,6-1kV

### APPLICATIVE FEATURES



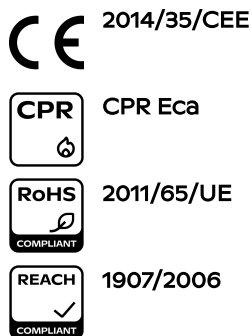
#### MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM <sup>2</sup> )	CROSS SECTION MAX (MM <sup>2</sup> )	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



### 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 CORES WITH PRINTED NUMBERS WITH [G] OR WITHOUT [X] 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**  
EN ISO 4892-3-2006 OR EN ISO 4892-2-2013, METHOD A (COLOUR CHANGING ALLOWED)  
ACC. TO EN 50525-1 CABLES WITH BLACK SHEATH ARE SUITABLE FOR PERMANENT OUTDOOR USE  
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)
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
34297	3G1,00	✓	100	500	7.6	90
34303	3G1,50	✓	100	500	9	130
36848	3X1,50	✓	100	500	9	130
34298	4X1,00	✓	100	500	8.4	115
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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