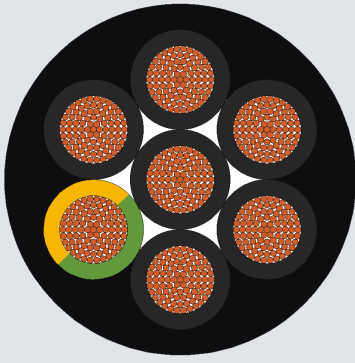


STATIC APPLICATION



TECNIFLEX®

TFX BK UL 2570 MULTICORE

APPLICATIVE FEATURES



MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM ²)	CROSS SECTION MAX (MM ²)	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.50	95.00	10.0xØ (occ. flexing)	4.0xØ

DESCRIPTION

UL/CSA certified flexible power and control multi-core cables suitable for static installations or occasional flexing applications with medium mechanical stresses and free movement, in dry, damp, or wet environments, even in the presence of industrial oil residues. Both indoor and outdoor use are permitted thanks to the UV resistance conferred by the outer sheath Material. They have an operating voltage of Up to 1000 V and a self-extinguishing feature. These cables can be used as wiring for measuring and control purposes in tool machinery, conveyor belts, production lines, plant installations, air conditioning, and in steel production plants and rolling mills. They are designed for ductile and easy workability.

APPROVALS



AWM STYLE 2570 80°C
1000V
File E244280



AWM I/II A/B 80°C
1000V



2014/35/CEE

ECOLAB

ECOLAB



2011/65/UE



1907/2006

TECHNICAL DATA



DURING INSTALLATION
+5°C / +70°C
STORAGE
-5°C / +70°C
STATIC
-40°C / +80°C (UL/CSA)
+70°C (IEC 60811-504)
OCCASIONAL FLEXING
-15°C / +70°C



NOMINAL VOLTAGE
U₀/U 600/1000V (IEC)
1000V (UL/CSA AWM)



TEST VOLTAGE
4.0 KV
TEST VOLTAGE REFERENCE
EN 50395-6-7
UL 1581



INSULATION RESISTANCE
> 200 MOHM/KM @ 20 °C

CONSTRUCTION FEATURES

POWER CONDUCTORS	CONDUCTOR	CL5 FLEXIBLE (IEC60228) BARE COPPER
	INSULATION	PVC
	INSULATION COLOUR	BLACK CORES WITH PRINTED NUMBERS WITH [G] OR WITHOUT [X] GREEN-YELLOW
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE
	TALC	TALC POWDER
	SHEATH	PVC
	SHEATH COLOUR	MATTE BLACK, RAL: 9005, DESINA: NO

PRODUCTS FEATURES



FIRE PERFORMANCE

IEC 60332-1-2
VDE 0482-332-1-2
VW-1 (UL)
FT1 (CSA)



OIL PERFORMANCE

EN 50290-2-22 (TM54)
VDE 0819-102 (TM54)
IEC 60811-404



UV PERFORMANCE

ISO 4892-2, METHOD A (COLOUR CHANGING ALLOWED).
ACC. TO EN 50525-1 CABLES WITH BLACK SHEATH ARE SUITABLE FOR PERMANENT OUTDOOR USE
EN 50289-4-17

TECO CODE	N° CORES X CROSS-SECTION	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)
52752	2X1,00 2XAWG18	✓	100/200	500	5.8	56
52753	2X1,50 2XAWG16	✓	100/200	500	6.5	73
52754	2X2,50 2XAWG14	✓	100	500	7.6	110
54138	3G0,75 3GAWG19	✓	100/200	500	5.7	55
52755	3G1,00 3GAWG18	✓	100/200	500	6.1	68
52758	3X1,00 3XAWG18	✓	100/200	500	6.1	68
52759	3X1,50 3XAWG16	✓	100	500	6.8	90
52756	3G1,50 3GAWG16	✓	100	500	6.8	90
52757	3G2,50 3GAWG14	✓	100	500	8.1	137
52790	4X1,00 4XAWG18	✓	100/200	500	6.8	80
52760	4G1,00 4GAWG18	✓	100/200	500	6.8	80
52761	4G1,50 4GAWG16	✓	100	500	7.4	110
52764	4G2,50 4GAWG14	✓		500	8.8	170
52788	4G4,00 4GAWG12	✓		500	10.7	250
52789	4G6,00 4GAWG10	✓		500	12.6	360
52762	4G10,00 4GAWG08	✓			16.6	600
52763	4G16,00 4GAWG06	✓			19	920
52786	4G25,00 4GAWG04	✓			24	1420
52787	4G35,00 4GAWG02	✓			27	1940
52791	5G1,00 5GAWG18	✓	100	500	7.4	100
52792	5G1,50 5GAWG16	✓	100	500	8.2	136
52793	5G2,50 5GAWG14	✓		500	9.9	210
52796	7G1,00 7GAWG18	✓	100	500	8	125
52797	7G1,50 7GAWG16	✓		500	8.8	170
52798	7G2,50 7GAWG14	✓		500	10.8	270
52741	12G1,00 12GAWG18	✓		500	10.5	210
52744	12G1,50 12GAWG16	✓			11.8	280
52749	18G1,00 18GAWG18	✓		500	12.5	305

TECO CODE	N° CORES X CROSS-SECTION	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)
52799	18G1,50 18GAWG16	✓		500	14	415
52750	25G1,00 25GAWG18	✓		500	14.6	400
52751	25G1,50 25GAWG16	✓			16.4	560

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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