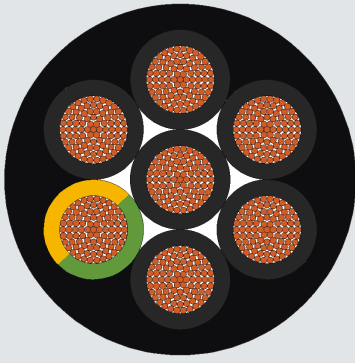


STATIC APPLICATION



TECNIFLEX®

TFX HF61 MULTICORE

APPLICATIVE FEATURES



MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM ²)	CROSS SECTION MAX (MM ²)	DYNAMIC INSTALLATION	STATIC INSTALLATION
1.00	120.00	15.0 x Ø (occ. flexing)	7.5 x Ø

DESCRIPTION

Power and control Halogen free cables for occasional flexing or static installation use, with medium mechanical stress resistance even in the presence of industrial oil residues. Suitable for dry, damp, or wet environments. When temperature range application is guaranteed, they are also suitable for outdoor use. Designed for machine connections between control, regulation or measurement systems, computers, and assembly lines, with static or free movement applications without tensile load or forced motion.

APPROVALS



2014/35/CEE



1907/2006



2011/65/UE



Dca-s1a,d2,a1
EN 50575:2014 (DoP
TECO-0050)



IEC 60754-1
DIN EN 60754-1
DIN VDE 0482-754-1

TECHNICAL DATA



DURING INSTALLATION
+5°C / +70°C
STORAGE
-5°C / +70°C
STATIC
-40°C / +70°C
OCCASIONAL FLEXING
-25°C / +70°C



NOMINAL VOLTAGE
U₀/U 600/1000V (IEC)



TEST VOLTAGE
C/C 4 KV AC @ 50 HZ 5 MIN.
CABLE 4 KV 15 MIN.
TEST VOLTAGE REFERENCE
C/C EN 50395-7
CABLE EN 50395-6

CONSTRUCTION FEATURES

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

PRODUCTS FEATURES



FIRE PERFORMANCE
IEC 60332-1-2
EN 60332-1-2
VDE 0482-332-1-2
NO FLAME PROPAGATION:
IEC 60332-3-24
EN 60332-3-24
VDE 0482-332-3-24



OIL PERFORMANCE
EN 60811-2-1



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



HOZONE PERFORMANCE
EN 50396 (SEC. 8.1.3)



CORROSIVENESS OF COMBUSTION GASES
IEC 60754-2
EN 60754-2

TECO CODE	N° CORES X CROSS-SECTION	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)
58530	2X1,00	✓	100	500	6.9	76
58531	2X1,50	✓	100	500	8	110
58532	2X2,50	✓		500	9.5	155
58533	3G1,00	✓	100	500	7.3	93
58536	3G1,50	✓	100	500	8.5	130
58535	3G2,50	✓		500	10	180
58537	3G4,00	✓		500	11.5	250
58538	4G1,00	✓	100	500	8.1	120
58539	4G1,50	✓		500	9.4	150
58542	4G2,50	✓		500	11.1	200
58545	4G4,00	✓		500	12.7	315
58547	4G6,00	✓		500	14.4	440
58540	4G10,00	✓			18.1	800
58541	4G16,00	✓			22.3	1100
58543	4G25,00	✓			27.2	1700
58548	5G1,00	✓		500	9	150
58549	5G1,50	✓		500	10.5	200
58552	5G2,50	✓		500	12.4	270
58559	5G4,00	✓		500	14.1	420
58560	5G6,00	✓			15.8	570
58550	5G10,00	✓			20.1	930
58551	5G16,00	✓			24.8	1600

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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