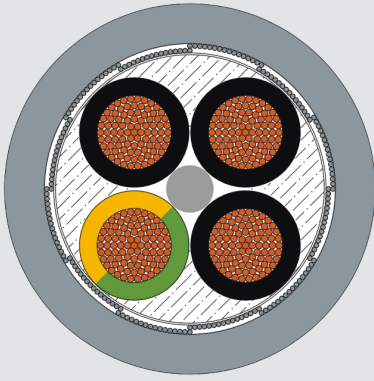


STATIC APPLICATION



TECNIFLEX[®]

TFX MULTICORE SHIELDED (SH)

APPLICATIVE FEATURES



MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM ²)	CROSS SECTION MAX (MM ²)	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.50	120.00	20.0xØ (occ. flexing)	6.0xØ

DESCRIPTION

Shielded power and control 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. Designed for machine connections between control, regulation or measurement systems, computers, and assembly lines, with static or free movement applications without traction load or compulsory runners.

APPROVALS



2014/35/CEE



2014/30/EU

CPR
305/11



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
450/750 V



TEST VOLTAGE
4.0 KV (C/C)
2.0 KV (C/S)



INSULATION RESISTANCE
> 20 GOHM/CM

CONSTRUCTION FEATURES

POWER CONDUCTORS	CONDUCTOR	CL5 FLEXIBLE. BARE COPPER
	INSULATION	PVC COMPOUND.
	INSULATION COLOR	BLACK CORE WITH WHITE PRINTED NUMBER + GREEN-YELLOW
OVERALL STRANDING	FILLER	FILLER NOT HYGROSCOPIC
	SEPARATION LAYER	TAPE POLYESTER TRANSPARENT.
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SHEATH	PVC COMPOUND.
	SHEATH COLOUR	GRAY, RAL: 7001, 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

TECO CODE	N° CORES X CROSS-SECTION	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)	INS. COLOUR EXC
11451	(2X0,50)ST	✗	100	500	5.6	51	
1178	(2X1,00)ST	✓	100	500	6.5	72	
11778	(3G1,00)ST	✓	100		6.8	86	UNEL TABLE COLOUR
25582	(3X1,00)ST	✓	100	500/1000	6.8	86	BLACK CORE WITH WHITE PRINTED NUMBERS
11678	(3G1,50)ST	✓	100	500	7.5	107	UNEL TABLE COLOUR
1829	(3G1,50)ST	✓	100	500	7.5	107	
1863	(4G0,50)ST	✓	100/200	500	6.3	57	
39291	(4X0,50)ST	✓	100/200	500	6.3	57	BLACK CORE WITH WHITE PRINTED NUMBERS
10665	(4G1,00)ST	✓	100	500	7.4	100	
15128	(4X1,00)ST	✓	100		7.4	100	BLACK CORE WITH WHITE PRINTED NUMBERS
18278	(4G1,50)ST	✓	100	500	8.2	128	UNEL TABLE COLOUR
8144	(4G1,50)ST	✓	100	500/1000	8.2	128	
11309	(4G2,50)ST	✓	100	500	9.9	195	
18279	(4G2,50)ST	✓	100	500/1000	9.9	195	UNEL TABLE COLOUR
18280	(4G4,00)ST	✓		500/100	11.7	350	UNEL TABLE COLOUR
6137	(4G4,00)ST	✓			11.7	350	
11310	(4G6,00)ST	✓			14.1	410	
18281	(4G6,00)ST	✓			14.1	410	UNEL TABLE COLOUR
18282	(4G10,00)ST	✓			17.6	660	UNEL TABLE COLOUR
6716	(4G10,00)ST	✓			17.6	660	
18283	(4G16,00)ST	✓			20.4	978	UNEL TABLE COLOUR
18284	(4G25,00)ST	✓			25.5	1510	UNEL TABLE COLOUR
18285	(4G35,00)ST	✓			28.4	1980	UNEL TABLE COLOUR
18286	(4G50,00)ST	✓			34.5	2840	UNEL TABLE COLOUR
21805	(5G0,50)ST	✓	100	500	7	84	
11654	(5G1,00)ST	✓	100	500	8	121	
10673	(5G1,50)ST	✓		500	9	154	
528	(7G0,50)ST	✓	100	500	7.6	105	
10278	(7G1,00)ST	✓	100	500	8.8	152	
11658	(7G1,50)ST	✓	100	500	9.9	192	
11659	(7G2,50)ST	✓		500	11.9	310	
10279	(12G1,00)ST	✓		500/100	11.6	270	
2131	(12G1,50)ST	✓			13	330	
886	(18G0,75)ST	✓		500	12.7	312	
10318	(18G1,00)ST	✓			13.6	395	
1580	(18G1,50)ST	✓			15.5	480	
10317	(25G1,00)ST	✓			15.9	495	
1877	(25G1,50)ST	✓			18	630	

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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