

# STATIC APPLICATION

## TECNIFLEX® POWER&CONTROL MULTICORE-ST 450-750V

### APPLICATIVE FEATURES



#### MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.50	120.00	occ. flexing 20xø	6xø

### APPROVALS



### TECHNICAL DATA



INSTALLATION 0°C +70°C  
STATIC -40°C +80°C  
OCCASIONAL FLEXING -5°C  
+70°C



NOMINAL VOLTAGE 450/750 V



TEST VOLTAGE (C/C) 4000V;  
(C/S) 2000V



INSULATION RESISTANCE > 20  
GOHM X 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 SUITABLE
	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 PART 102

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC
11451	(2X0,50)ST	✗	100	500	5.6	51	
11241	(2X2X0,75+1G0,75)ST	✓		500	9.5	125	
1178	(2X1,00)ST	✓	100	500	6.5	72	
11778	(3G1,00)ST	✓	100	500	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	5.3	57	BLACK CORE WITH WHITE PRINTED NUMBERS.
10665	(4G1,00)ST	✓	100	500	7.4	100	
15128	(4X1,00)ST	✓	100	500	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	✓		500	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	✓	100	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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