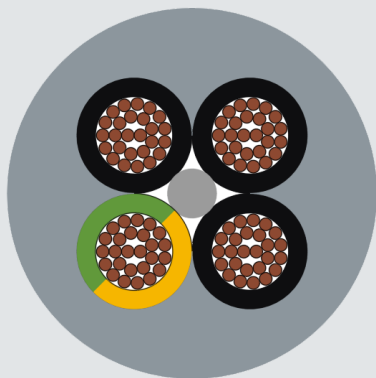


## STATIC APPLICATION



# TECNIFLEX®

## POWER&CONTROL MULTICORE

### 450-750V

### APPLICATIVE FEATURES



#### MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.50	120.00	occ. flexing 15xØ	4xØ

### APPROVALS



2014/35/CEE



CPR ECA



2011/65/UE



1907/2006

### 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**  
4000 V (C/C)



**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

##### TALC

TALC POWDER

##### 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 PARTE 102.



**UV PERFORMANCE**  
ONLY FOR BLACK RAL 9005 SHEATH:  
EN ISO 4892-3-2006 OR EN ISO 4892-2-2013  
METHOD A (COLOUR CHANGING ALLOWED)  
ACC. TO EN 50525-1 RISP. VDE 0285-525-1 BLACK SHEATH CABLES ARE SUITABLE FOR OUTDOOR PERMANENT USAGE.  
NF C 32-321 AND RELATIVE ANNEXE A  
**UV TEST REFERENCE:**  
ISO 4892-2-2013  
ISO 4892-3-2006  
DIN EN ISO 4892-2

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC	SHEATH COLOUR EXC
16787	2X0,50	✗	100	500	4.8	35		
7689	2X0,50	✗	100	500	4.8	35	UNEL TABLE COLOUR	
35854	2X0,50	✗		500	4.8	35		MATTE BLACK
5418	2X0,75	✗	100	500	5.4	42		
21804	2X1,00	✗	100	500/1000	5.8	55	BLACK AND RED	
7440	2X1,00	✗	100	500	5.8	55	UNEL TABLE COLOUR	
8429	2X1,00	✗	100	500/1000	5.8	55		
7152	2X1,00	✗	100		5.8	55		MATTE BLACK
2088	2X1,50	✓	100/200	500/2000	6.3	68		
8310	2X1,50	✓	100/200	500	6.3	68	UNEL TABLE COLOUR	
22982	2X1,50	✓	100/200	500	6.3	68		MATTE BLACK
20433	2X2,50	✓	100	500	7.6	109		
16788	3G0,50	✗	100	500	5.1	42		
18501	3X0,50	✗	100	500	5.1	42	BLACK CORE WITH WHITE PRINTED NUMBERS.	
1970	3X0,50	✗	100	500	5.1	42	UNEL TABLE COLOUR	
9309	3G0,50	✓	100	500	5.1	42	UNEL TABLE COLOUR	
1968	3G0,75	✗	100	500/200	5.7	55	UNEL TABLE COLOUR	
2433	3G0,75	✗	100	500	5.7	55		
11087	3X1,00	✗	100	500	6	68	BLACK CORE WITH WHITE PRINTED NUMBERS.	
7441	3G1,00	✗	100	500	6	68	UNEL TABLE COLOUR	
7571	3G1,00	✗	100	500	6	68		
13285	3X1,50	✓	100	500	6.8	85	BLACK CORE WITH WHITE PRINTED NUMBERS.	
16337	3G1,50	✓		500	6.8	85	UNEL TABLE COLOUR	ORANGE
5079	3G1,50	✓	100	500	6.8	85	ORANGE NUMBERED RAL 2003	ORANGE
7564	3G1,50	✓	100	500/1000	6.8	85		
8089	3G1,50	✓	100	500/2000	6.8	85	UNEL TABLE COLOUR	
19442	3G1,50	✓	100	500	6.8	85		MATTE BLACK
34056	3G2,50	✓	100	500	8.1	135	ORANGE NUMBERED RAL 2003	ORANGE
7570	3G2,50	✓	100	500	8.1	135		
8063	3G2,50	✓	100	500	8.1	135	UNEL TABLE COLOUR	
20710	3G2,50	✓	100	500	8.1	135		MATTE BLACK
15750	3G4,00	✓		500	9.9	200	UNEL TABLE COLOUR	
27572	3G4,00	✓		500	9.9	200		
19350	3X4,00	✓		500	9.9	200	BLACK CORE WITH WHITE PRINTED NUMBERS.	MATTE BLACK
15297	4X0,50	✗	100	500/1000	5.7	54	BLACK CORE WITH WHITE PRINTED NUMBERS.	
9310	4G0,50	✗	100	500	5.7	54		
10486	4X0,75	✗	100	500	6.2	66.6	BLACK CORE WITH WHITE PRINTED NUMBERS.	
39874	4G0,75	✗		500	6.2	66.6		MATTE BLACK
10365	4X1,00	✓	100	500	6.5	84	BLACK CORE WITH WHITE PRINTED NUMBERS.	
6264	4X1,00	✓	100	500/1000	6.5	84	UNEL TABLE COLOUR	
9409	4G1,00	✓	100	500/1000	6.5	84		

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC	SHEATH COLOUR EXC
15705	4X1,00	✓	100	500	6.5	84	BLACK CORE WITH WHITE PRINTED NUMBERS.	MATTE BLACK
15761	4X1,50	✓	100		7.4	108	BLACK CORE WITH WHITE PRINTED NUMBERS.	
18012	4G1,50	✓	100	500/1000	7.4	108	UNEL TABLE COLOUR	
7565	4G1,50	✓	100	500	7.4	108		
16630	4G1,50	✓	100		7.4	108		MATTE BLACK
18271	4G2,50	✓	100	500	8.9	165	UNEL TABLE COLOUR	
8475	4G2,50	✓	100	500	8.9	165		
16631	4G2,50	✓	100	500	8.9	165		MATTE BLACK
18272	4G4,00	✓			10.8	250	UNEL TABLE COLOUR	
8496	4G4,00	✓		100	10.8	250		
16632	4G4,00	✓		500	10.8	250		MATTE BLACK
18273	4G6,00	✓			13	370	UNEL TABLE COLOUR	
6971	4G6,00	✓		100	13	370		
18274	4G10,00	✓			15.8	595	UNEL TABLE COLOUR	
6972	4G10,00	✓			15.8	595		
18275	4G16,00	✓			19	935	UNEL TABLE COLOUR	
18276	4G25,00	✓			23.6	1465	UNEL TABLE COLOUR	
18277	4G35,00	✓			28.5	1980	UNEL TABLE COLOUR	
11677	4G50,00	✓			34.4	2890	UNEL TABLE COLOUR	
9311	5G0,50	✗	100	1000	6.2	63		
8580	5G0,75	✓	100	500	6.8	79		
7153	5X1,00	✓	100	500	7.2	94	BLACK CORE WITH WHITE PRINTED NUMBERS.	
7443	5G1,00	✓		500	7.2	94	UNEL TABLE COLOUR	
8548	5G1,00	✓	100	500/1000	7.2	94		
7566	5G1,50	✓	100	500	8.1	135		
26447	5G1,50	✓	100		8.1	135	UNEL TABLE COLOUR	MATTE BLACK
35860	5G2,50	✓		500	9.5	210	UNEL TABLE COLOUR	
7844	5G2,50	✓	100	500	9.5	210		
5825	5G2,50	✓		500	9.5	210	UNEL TABLE COLOUR	MATTE BLACK
10664	5G4,00	✓		100	12.1	310		
10182	5G4,00	✓			12.1	310	UNEL TABLE COLOUR	MATTE BLACK
10674	5G6,00	✓		100	13.5	450		
26233	5G6,00	✓			13.5	450		MATTE BLACK
10690	5G10,00	✓			18.1	750		
15758	5G16,00	✓			21.2	1200		
39285	6X0,50	✓	100	500	6.7	75	BLACK CORE WITH WHITE PRINTED NUMBERS.	
13300	7G0,50	✓	100	500	6.7	81		
30464	7X0,50	✓	100	500	6.7	81	BLACK CORE WITH WHITE PRINTED NUMBERS.	
18359	7X1,00	✓	100	500	8	129	BLACK CORE WITH WHITE PRINTED NUMBERS.	
7444	7G1,00	✓	100	500	8	129		
7450	7G1,50	✓	100	500/1000	8.9	170		
16633	7G1,50	✓	100	500	8.9	170		MATTE BLACK
7568	7G2,50	✓		500/100	11.1	275		

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC	SHEATH COLOUR EXC
16634	7G2,50	✓		500	11.1	275		MATTE BLACK
6970	7G4,00	✓			13.4	410		
9312	8G0,50	✓	100	500	8	100		
20151	8X0,75	✓	100	500	8.7	134	BLACK CORE WITH WHITE PRINTED NUMBERS.	
914	8G1,00	✓	100	500	9.5	150		
10338	9G1,00	✓		500	10	164		
26774	9G1,50	✓			11.8	225		
15274	10X0,50	✓	100	500	8.6	106	BLACK CORE WITH WHITE PRINTED NUMBERS.	
2487	10G0,50	✓		500	8.6	106		
2238	10G1,00	✓	100	500	10.5	180		
38189	10G1,00	✓		500	10.5	180		MATTE BLACK
7451	10G1,50	✓		500/1000/100	11.8	250		
6650	10G2,50	✓		100	14	402		
7797	12G0,50	✓	100	500	8.9	130		
16346	12G0,75	✓	100		9.9	173		
5084	12X0,75	✓		500	9.9	173	BLACK CORE WITH WHITE PRINTED NUMBERS.	
7445	12G1,00	✓		500/1000/100	10.5	205		
7527	12G1,50	✓			12	295		
8934	12G2,50	✓			14.8	465		
6265	12X2,50	✓			14.8	465	BLACK CORE WITH WHITE PRINTED NUMBERS.	MATTE BLACK
10651	14G0,50	✓	100	500	9.5	153		
15814	14G1,00	✓		500/100	11.3	238		
5413	14G1,50	✓			12.7	341		
647	16X0,50	✓		500	10	170	BLACK CORE WITH WHITE PRINTED NUMBERS.	
20313	16G0,75	✓		500	11	220		
15284	16G1,00	✓		500	12	280		
7567	16G1,50	✓		500	13.4	370		
16978	18G0,50	✓	100	500	10.6	188		
4955	18G0,75	✓		500	11.8	244		
7446	18G1,00	✓		500/100	12.7	315		
7569	18G1,50	✓		500	14.4	441		
9313	19G0,50	✓	100	500	10.6	195		
11836	19G1,00	✓		100	12.7	320		
8513	19G1,50	✓			14.4	453		
10319	19G2,50	✓			18.1	720		
17203	20G1,00	✓			13.5	335		
13660	22G0,50	✓		500	12	223		
39287	24X0,50	✓		500	12.4	266	BLACK CORE WITH WHITE PRINTED NUMBERS.	
8125	25G0,50	✓		500/100	12.4	261		
16347	25G0,75	✓			13.9	337		
7447	25G1,00	✓		500/1000/100	15.1	420		
7596	25G1,50	✓		100	17	595		
36863	25G2,50	✓			20.8	935		

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC	SHEATH COLOUR EXC
7563	25G2,50	✓			20.8	935		MATTE BLACK
35468	26G0,75	✗		500/1000/2000	14.1	350		
28988	31G0,50	✓			13.8	305		
6140	34G1,00	✓			17.2	565		
2883	34G1,50	✓			19.5	781		
7448	36G1,00	✓			17.4	595		
8126	37G0,50	✓			14.2	380		
14556	41G0,50	✓			15.8	410		
6016	41G0,75	✓			17.6	538		
7572	41G1,00	✓			18.8	660		
34899	42G0,75	✓			17.8	580		
7573	50G1	✓			20.9	797		
12169	50G1,50	✓			23.6	1160		
11335	61G1,00	✓			22.3	970		
1469	65G0,75	✓			21.8	840		

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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