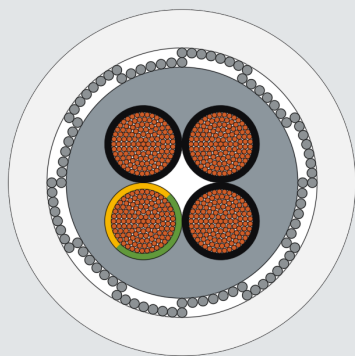


## STATIC APPLICATION



# TECNIFLEX<sup>®</sup>

## TFX AR MULTICORE ARMoured

### APPLICATIVE FEATURES



#### MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM <sup>2</sup> )	CROSS SECTION MAX (MM <sup>2</sup> )	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.50	25.50	20.0xØ (occ. flexing)	6.0xØ

### DESCRIPTION

Power and control cables for static installation use, with high physical/mechanical stress resistance due to the galvanized steel armor and an additional inner jacket. Suitable for hostile environments inside cable ducts.

### APPROVALS



2014/35/CEE



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**  
U<sub>0</sub>/U 450/750 V



**TEST VOLTAGE**  
4.0 KV

### CONSTRUCTION FEATURES

POWER CONDUCTORS	CONDUCTOR	CL5 FLEXIBLE. BARE COPPER
	INSULATION	PVC COMPOUND.
	INSULATION COLOR	BLACK CORE WITH WHITE PRINTED NUMBER + GREEN-YELLOW
OVERALL STRANDING	TALC	TALC POWDER
	SHEATH	INNER SHEATH PVC COMPOUND.
	SCREEN	ARMOR ZINC PLATED STEEL 70 % ± 5 %
	SHEATH	PVC COMPOUND.
	SHEATH COLOUR	TRANSPARENT, DESINA: NO

### PRODUCTS FEATURES



**FIRE PERFORMANCE**  
IEC 60332-1-2  
DIN VDE 0482-332-1-2  
CPR ECA

TECO CODE	N° CORES X CROSS-SECTION	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)	INS. COLOUR EXC
497	(2X0,50)R/AR	✓	100	500	7.4	80	
24192	(2X1,50)R/AR	✓	100	500	9.2	129	
9975	(3G0,50)R/AR	✓	100	500	7.7	90	
11516	(3G1,00)R/AR	✓	100	500/1000	8.8	120	
2092	(3G1,50)R/AR	✓		500	9.6	145	UNEL TABLE COLOUR
7054	(4G1,50)R/AR	✓	100	500	10.2	170	
8418	(4G2,50)R/AR	✓		500	12.2	260	
35877	(4G4,00)R/AR	✓			14	295	
28507	(4G6)R/AR	✓			16.3	500	
35878	(4G10,00)R/AR	✓			19.6	800	
1206	(5G0,50)R/AR	✓		500	9.1	123	
5664	(5G1,00)R/AR	✓		500	10.2	155	UNEL TABLE COLOUR
8092	(5G1,50)R/AR	✓		500	11.1	200	
10642	(7G1,00)R/AR	✓		500	11	185	
9960	(7G1,50)R/AR	✓		500	11.7	230	
35876	(7G2,50)R/AR	✓			14.5	396	
24183	(7G4,00)R/AR	✓			16.6	540	
2605	(8G1,00)R/AR	✓		500	12.7	260	
39853	(10G0,50)R/AR	✓		500	11.5	195	
5114	(12G1,00)R/AR	✓			13.9	310	
7053	(18G0,50)R/AR	✓			13.7	290	
7507	(18G1,00)R/AR	✓			16	435	
9926	(25G1,00)R/AR	✓			18.3	585	
6015	(34G1,00)R/AR	✓			21.3	770	

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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