

STATIC APPLICATION

TECNIFLEX[®]

STYLE 21179 MULTICORE

APPLICATIVE FEATURES



MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM ²)	CROSS SECTION MAX (MM ²)	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.50	95.00	10.0xø (occ. flexing)	4.0xø

DESCRIPTION

UL/CSA certified flexible power and control multi-core cables. They have an operating voltage of up to 1000V and are also suitable for environments where there may be contact with generic industrial oil residues. Mainly used on-board machinery.

APPROVALS



AWM STYLE 21179
90°C 1000V



AWM I/II A/B 90°C
1000V



2014/35/CEE



2011/65/UE



1907/2006

TECHNICAL DATA



DURING INSTALLATION
0 °C +70 °C

STATIC

-40 °C +70 °C (IEC 60811-504)

-40 °C +90 °C (UL/CSA)

OCCASIONAL FLEXING

-5 °C +70 °C (IEC 60811-504)

-5 °C +90 °C (UL/CSA)



NOMINAL VOLTAGE
1000 V (UL/CSA)
U₀/U 0,6/1 KV (VDE)



TEST VOLTAGE

4.0 KV

TEST VOLTAGE REFERENCE

EN 50395-6-7

UL 1581



INSULATION RESISTANCE
> 200 MOHM/KM @ 20°C

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 POLYPROPYLENE
	TALC	TALC POWDER
	SHEATH	PVC COMPOUND.
	SHEATH COLOUR	GRAY, RAL: 7001, DESINA: NO

PRODUCTS FEATURES



FIRE PERFORMANCE
SELF-EXTINGUISHING AND FLAME
RETARDANT ACC. TO DIN VDE 0482-
332-1-2
DIN EN 60332-1-2
IEC 60332-1-2
VW-1 (UL)
FT1 (CSA)



OIL PERFORMANCE
VDE 0473-811-404
IEC 60811-404
EN 50290-2-22
TM54 CEI 20-34/0-1 4 H @ 70 °C OIL
IRM 902



UV PERFORMANCE
ISO 4892-3
EN 50289-4-17

TECO CODE	N° CORES X CROSS-SECTION	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)	INS. COLOUR EXC
34273	2X0,50 2XAWG21	✗	100	500	5.2	41	
34241	2X1,00 2XAWG18	✓	100	500	5.8	53	
39856	2X1,50 2XAWG16	✓	100	500	6.5	73	
39857	2X2,50 2XAWG14	✓	100	500	7.6	110	
39879	2X4,00 2XAWG12	✓	100	500	8.8	155	
38160	3G0,50 3GAWG21	✓	100	500	5.4	48	
39276	3X0,50 3XAWG21	✓	100/200	500	5.4	48	BLACK CORE WITH WHITE PRINTED NUMBERS
34242	3G1,00 3GAWG18	✓	100/200	500/1000	6.1	65	
34251	3G1,50 3GAWG16	✓	100	500	6.8	90	
34258	3G2,50 3GAWG14	✓	100	500/1000	8.1	137	
34266	3G4,00 3GAWG12	✓		500	9.4	200	
34269	3G6,00 3GAWG10	✓		500	11.3	290	
38161	4G0,50 4GAWG21	✓	100	500	5.9	55	
34243	4G1,00 4GAWG18	✓	100	500	6.8	80	
34252	4G1,50 4GAWG16	✓	100	500	7.4	110	
34259	4G2,50 4GAWG14	✓	100	500/1000	8.8	170	
34267	4G4,00 4GAWG12	✓		500/100	10.7	250	
34270	4G6,00 4GAWG10	✓		100/500	12.6	360	
34271	4G10,00 4GAWG08	✓			17	600	
34272	4G16,00 4GAWG06	✓			19.4	920	
37438	4G25,00 4GAWG04	✓			24	1420	
34274	5G0,50 5GAWG21	✓	100	500	6.5	65	
34244	5G1,00 5GAWG18	✓	100	500/1000	7.4	100	
34253	5G1,50 5GAWG16	✓	100	500	8.2	136	
34260	5G2,50 5GAWG14	✓		500	9.9	210	
34268	5G4,00 5GAWG12	✓		500	11.7	320	
34939	5G6,00 5GAWG10	✓		500	14	460	
39858	5G16,00 5GAWG06	✓			21.7	1099	
39859	5G25,00 5GAWG04	✓			26.5	1694	
38162	7G0,50 7GAWG21	✓	100	500	6.9	78	
34245	7G1,00 7GAWG18	✓	100	500	8	125	
37453	7X1,00 7XAWG18	✓	100	500	8	125	BLACK CORE WITH WHITE PRINTED NUMBERS
34254	7G1,50 7GAWG16	✓		500	8.8	170	
34261	7G2,50 7GAWG14	✓		100/500	10.8	270	
38163	12G0,50 12GAWG21	✓	100	500	8.9	130	
34246	12G1,00 12GAWG18	✓	100	500	10.5	210	
34255	12G1,50 12GAWG16	✓		500	11.8	280	

TECO CODE	N° CORES X CROSS- SECTION	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)	INS. COLOUR EXC
34262	12G2,50 12GAWG14	✓		500	14.5	450	
34263	14G2,50 14GAWG14	✓			15.7	530	
38164	18G0,50 18GAWG21	✓		500	10.6	188	
34247	18G1,00 18GAWG18	✓		500/100	12.5	305	
34256	18G1,50 18GAWG16	✓		500	14	415	
34264	18G2,50 18GAWG14	✓			17.4	660	
38165	25G0,50 25GAWG21	✓		500	12.3	260	
34248	25G1,00 25GAWG18	✓		100/500	14.6	400	
34257	25G1,50 25GAWG16	✓			16.4	560	
34265	25G2,50 25GAWG14	✓			20.4	890	
37455	25G4,00 25GAWG12	✓			25.2	1428	
34249	34G1 34GAWG18	✓			17.1	560	
34250	41G1,00 41GAWG18	✓			18.4	670	

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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