

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	✗		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	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	

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