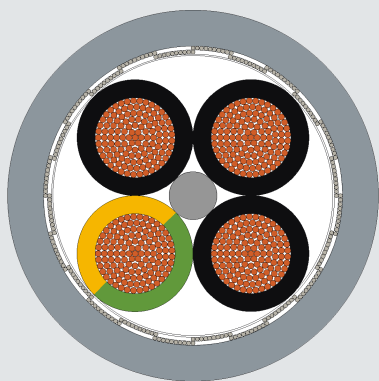


STATIC APPLICATION



TECNIFLEX®

STYLE 21179 MULTICORE SHIELDED (SH)

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 are shielded with operating voltage up to 1000V; also suitable for environments where there may be contact with generic industrial oil residuals. Mainly used on on-board machinery.

APPROVALS



AWM STYLE 21179
90°C 1000V



AWM I/II A/B 90°C
1000V



2014/35/CEE



2014/30/EU



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 NUMBERED + GREEN-YELLOW
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE
	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

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
37451	(2X0,50)ST (2XAWG21)ST	✓	100/200	500	5.6	47	
34163	(2X1,00)ST (2XAWG18)ST	✓	100/200		6.4	65	
34164	(3X1,00)ST (3XAWG18)ST	✓	100/200		6.9	80	BLACK NUMBEREDS
39277	(3G1,00)ST (3GAWG18)ST	✓	100	500	6.9	80	
34170	(3G1,50)ST (3GAWG16)ST	✓	100	500	7.5	100	
34829	(3G2,50)ST (3GAWG14)ST	✓	100	500	9.1	155	
39278	(4X0,50)ST (4XAWG21)ST	✓	100/200	500	6.4	67	
34165	(4G1,00)ST (4GAWG18)ST	✓	100	500	7.4	97	
34171	(4G1,50)ST (4GAWG16)ST	✓	100	500	8.2	120	
34176	(4G2,50)ST (4GAWG14)ST	✓	100	1000/300/500	9.6	180	
34177	(4G4,00)ST (4GAWG12)ST	✓		100/500	11.3	260	
34178	(4G6,00)ST (4GAWG10)ST	✓		500	13.4	384	
34179	(4G10,00)ST (4GAWG08)ST	✓			17.1	680	
34180	(4G16,00)ST (4GAWG06)ST	✓			19.7	890	
34181	(4G25,00)ST (4GAWG04)ST	✓			25	1500	
34182	(4G35,00)ST (4GAWG02)ST	✓			28.8	2041	
34162	(5G0,50)ST (5GAWG21)ST	✓	100	500	7	80	
55064	(5G1,50)ST (5GAWG16)ST	✓	100/200	500	8.9	155	
34828	(5G6,00)ST (5GAWG10)ST	✓		500	15	470	
39860	(6G1,00)ST (6GAWG18)ST	✓	100	500	8.7	140	
37452	(7G1,00)ST (7GAWG18)ST	✓	100	500	8.7	155	
34172	(7G1,50)ST (7GAWG16)ST	✓		500	9.5	190	
34833	(7G2,50)ST (7GAWG14)ST	✓		500	11.9	280	
34166	(12G1,00)ST (12GAWG18)ST	✓		500	11.2	230	
34173	(12G1,50)ST (12GAWG16)ST	✓		500	12.5	300	
34909	(12G2,5)ST (12GAWG14)ST	✓			15.4	475	
34167	(18G1,00)ST (18GAWG18)ST	✓		500	13.1	320	
34174	(18G1,50)ST (18GAWG16)ST	✓		500	15	450	

TECO CODE	N° CORES X CROSS-SECTION	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)	INS. COLOUR EXC
34910	(18G2,50)ST (18GAWG14)ST	✓			18.1	690	
34168	(25G1,00)ST (25GAWG18)ST	✓			15.3	440	
34175	(25G1,50)ST (25GAWG16)ST	✓			17.7	595	

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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