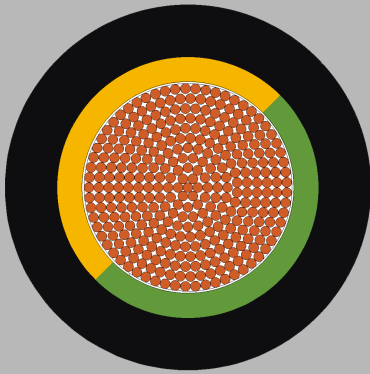


DYNAMIC APPLICATION

PMXX[®] PLUS SINGLE CORE



APPLICATIVE FEATURES



**5 MILLION
GUARANTEED CYCLES**



**50,0 M/S²
ACCELERATION**



**15,0 M
CABLE LENGTH**



**300,0 M/MIN
TRAVEL SPEED**



MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM ²)	CROSS SECTION MAX (MM ²)	DYNAMIC INSTALLATION	STATIC INSTALLATION
4.00	16.00	7xØ	5xØ
16.00	240.00	10xØ	5xØ

DESCRIPTION

High performances UL/CSA certified flexible single core cables for high speed drag chain or moving machine parts. Suitable for internal or external use in wet, dry or moist environment. The polyurethane outer jacket gives excellent resistance properties from mechanical stress and chemical agents making this cables suitable for indoor or outdoor use, even with very low temperature. This type of cables can be a smart alternative to multicore power cables in case space or minimum bending radius requirements are challenging. Also suitable for long traverse paths.

APPROVALS



**AWM STYLE 11773
90°C 1000V**



**AWM I/II A/B 90°C
1000V**



2014/35/CEE



2011/65/UE



1907/2006



**IEC 60754-1 EN
50267-1**

TECHNICAL DATA



STORAGE
-50 °C +90 °C
DYNAMIC
-30 °C +90 °C
STATIC
-40 °C +90 °C



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
≥ 1 GOHM/KM

CONSTRUCTION FEATURES

POWER CONDUCTORS	CONDUCTOR	CL6 EXTRA-FLEXIBLE. BARE COPPER
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	BLACK RAL 9005 OR GREEN-YELLOW
	SEPARATION LAYER	INNER TAPE POLYESTER TRANSPARENT OR NON-WOVEN TAPE
OVERALL STRANDING	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	MATTE BLACK, RAL: 9005, DESINA: NO

PRODUCTS FEATURES



FIRE PERFORMANCE

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



OIL PERFORMANCE

VDE 0473-811-404
IEC 60811-404
CEI EN 50363-10-2
UL 1581



UV PERFORMANCE

ISO 4892-2
ASTM-D-2565-16
EN 50289-4-17



WATER PERFORMANCE

UL 1581
IEC 60811-1-3



COLD PERFORMANCE

EN 60811-1-4



ABRASION PERFORMANCE

ASTM D 4060



MUD PERFORMANCE

NEK 606



MICROBE PERFORMANCE

VDE 0282-10



HOZONE PERFORMANCE

EN 50396-8-1-3

TECO CODE	N° CORES X CROSS-SECTION	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)
46283	1G4,00 1GAWG12	✗	100	500	5.8	68
46293	1X6,00 1XAWG10	✓	100	500	6.6	95
46284	1G6,00 1GAWG10	✓	100	500	6.6	95
46294	1X10,00 1XAWG08	✓	100	500	8	150
46285	1G10,0 1GAWG08	✓	100	500	8	150
46295	1X16,00 1XAWG06	✓		500	9.3	240
46286	1G16,00 1GAWG06	✓		500	9.3	195
46296	1X25,00 1XAWG04	✓		500	11	325
46287	1G25,00 1GAWG04	✓		500	11	325
46297	1X35,00 1XAWG02	✓		500	12.6	410
46288	1G35,00 1GAWG02	✓		500	12.6	410
46298	1X50,00 1XAWG01	✓		500	14.7	685
46289	1G50,00 1GAWG01	✓		500	14.7	685
46299	1X70,00 1XAWG2/0	✓			16.8	790
46300	1X95,00 1XAWG3/0	✓			19	1100
46301	1X120,00 1XAWG4/0	✓			21.2	1350

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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