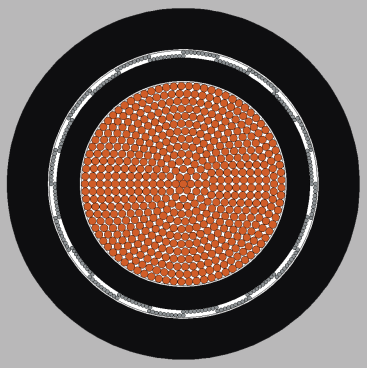
DYNAMIC APPLICATION

PMXX® PLUS

POWER&CONTROL SINGLE CORE-ST



APPLICATIVE FEATURES

UP TO 5 MILLIONS CYCLES
GUARANTEED CYCLES

UP TO 50 M/S²
ACCELERATION

UP TO 15,0 M
CABLE LENGTH

UP TO 300 M/MIN
TRAVEL SPEED

MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
4.00	16.00	7xØ	5xØ
16.00	240.00	10xØ	5xØ

APPROVALS

E244280 — AWM STYLE 11773
90°C 1000V

AWM I/II A/B 90°C
1000V

2014/35/CEE

EMC 2014/30/EU

RoHS 2011/65/UE

REACH COMPLIANT — 1907/2006

HF HALOGEN FREE — 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) U_O/U 0,6/1 KV
(VDE)

TEST VOLTAGE
4.0 KV
TEST VOLTAGE REFERENCE
EN 50395 (PART 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
	SEPARATIONLAYER	INNER TAPE POLYESTER TRANSPARENT TAPE OR NON-WOVEN TAPE
OVERALL STRANDING	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATIONLAYER	TAPE NON-WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	MATTE BLACK, RAL: 9005, DESINA: NO

TECO
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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
UL CABLE FLAME
UL VW-1
CSA FT1.

OIL PERFORMANCE
VDE 0473-811-404
IEC 60811-404 (EU)
EI EN 50363-10-2 (EU) 1581 (UL)

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

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 ART. 8.1.3

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]
46303	(1X6,00)ST (1XAWG10)ST	✓	100	500	7.3	99
46304	(1X10,00)ST (1XAWG8)ST	✓		500	8.8	180
46305	(1X16,00)ST (1XAWG06)ST	✓		500	10	275
46306	(1X25,00)ST (1XAWG04)ST	✓			11.5	380
46307	(1X35,00)ST (1XAWG2)ST	✓			13.2	480
46308	(1X50,00)ST (1XAWG01)ST	✓			15.6	590
46309	(1X70,00)ST (1XAWG2/0)ST	✓			17.5	820
46310	(1X95,00)ST (1XAWG3/0)ST	✓			20	1200
46311	(1X120,00)ST (1XAWG4/0)ST	✓			22.5	1400
46312	(1X150,00)ST (1X250KCMIL)ST	✓			24.6	1700

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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