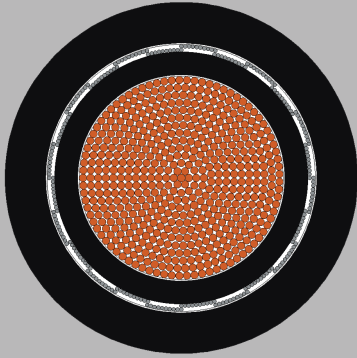


DYNAMIC APPLICATION

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



AWM STYLE 11773
90°C 1000V



AWM I/II A/B 90°C
1000V



2014/35/CEE



2014/30/EU



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 (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

SEPARATION LAYER

INNER TAPE
POLYESTER TRANSPARENT TAPE OR NON-WOVEN
TAPE

OVERALL STRANDING

SCREEN

SCREEN
TINNED COPPER
85 % ± 5 %

SEPARATION LAYER

TAPE
NON-WOVEN TAPE

SHEATH

POLYURETHANE
COMPOUND (TMPU)



TECO S.p.A. Via Achille Marito, 11
40013 Castel Maggiore (BO), Italy

MATE BLACK, RAL: 9005, 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
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 (1XAWG6)ST	✓		500	10	275
46306	(1X25,00)ST (1XAWG4)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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