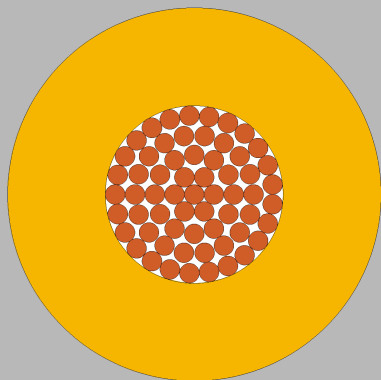




STATIC APPLICATION

TECWIRE® MULTIRATED HAR-MTW-TEW

APPLICATIVE FEATURES



MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM ²)	CROSS SECTION MAX (MM ²)	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.50	1.00		6.0xØ

DESCRIPTION

These multi-rated flexible single core cables are UL, CSA and HAR approved, mainly designed for control cabinet wiring or installation in protective tubes. They can also be applied indoor as fixed lay on bare walls, pipes, ducts, switchgears or signal and control panels, within the UL-CSA or European standard specifications.

APPROVALS



MTW 90°C 600V



**AWM STYLE 1015
105°C 600V**



**AWM STYLE 10269
105°C 1000V**



CSA TEW 105°C 600V

◁HAR▷

H05V2-K 300/500V



2014/35/CEE



2011/65/UE



1907/2006



BS TYPE CK (90°C)

TECHNICAL DATA



DURING INSTALLATION

+5 °C +70 °C

STATIC

-40 °C +105 °C (AWM, CSA TEW)

+90 °C (MTW, HAR)

OCCASIONAL FLEXING

+5 °C +105 °C (AWM, CSA TEW)

+90 °C (MTW, HAR)



NOMINAL VOLTAGE

600 V (UL/CSA TEW)

1000 V (RU)

300/500 V (HAR)



TEST VOLTAGE

3000 V (UL)

2,0 KV (HAR)

*

TEST VOLTAGE REFERENCE

* EN 50525-1, EN 50525-2-31

CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL5 FLEXIBLE, BARE COPPER
	INSULATION	PVC COMPOUND.
	INSULATION COLOR	VARIOUS COLOURS

PRODUCTS FEATURES



FIRE PERFORMANCE

DIN VDE 0482-332-1-2

DIN EN 60332-1-2

VW-1 (UL)

FT1 (CSA)

IEC 60332-1-2



OIL PERFORMANCE

OIL RES I

60 °C UL 1063

EN 50290-2-22

TM54 CEI 20-34/0-1 4 H @ 70 °C OIL

IRM 902

	CROSS SECTION MM ² (AWG)	0.50 (AWG20)	0.75 (AWG19)	1.00 (AWG18)
	YELLOW RAL 1021 - GREEN RAL 6018	38701	38731	37465
	BLACK RAL 9005	38702	38714	37466
	BLUE RAL 5010	38703	38715	37467
	RED RAL 3000	38704	38716	37468
	WHITE RAL 9010	38705	38717	37469
	BROWN RAL 8003	38706	38718	37470
	YELLOW RAL 1021	38707	38719	37471
	GRAY RAL 7001	38708	38720	37472
	GREEN RAL 6018	38709	38721	37473
	ORANGE RAL 2003	38710	38722	37474
	WHITE RAL 9010 - BLUE RAL 5015	38712	38723	37475
	PALE BLUE RAL 5015	39257	39258	39259
	VIOLET RAL 4005	39300		39302
	CROSS SECTION MM ² (AWG)	0.50 (AWG20)	0.75 (AWG19)	1.00 (AWG18)
	CUT	×	×	×
	ROLLS (M)	100	100	100
	DRUMS (M)		915	
	DIAMETER (MM)	2.6	2.8	2.9
	CABLE WEIGHT (KG/KM)	12	15	18

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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