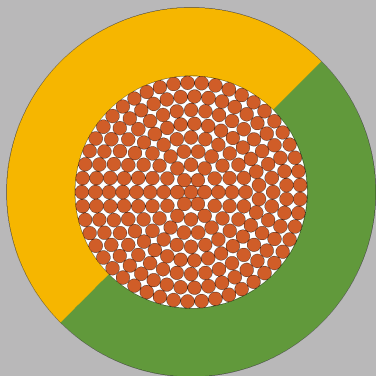




STATIC APPLICATION

TECWIRE® MULTIRATED HAR-MTW-TEW

APPLICATIVE FEATURES



MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM ²)	CROSS SECTION MAX (MM ²)	DYNAMIC INSTALLATION	STATIC INSTALLATION
1.50	35.00		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▷

H07V2-K 450/750V



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)

450/750 V (HAR)



TEST VOLTAGE

3000 V (UL)

2,5 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)	1.50 (AWG16)	2.50 (AWG14)	4.00 (AWG12)	6.00 (AWG10)	10.00 (AWG08)	16.00 (AWG06)	25.00 (AWG04)	35.00 (AWG02)
	YELLOW RAL 1021 - GREEN RAL 6018	37476	38061	38074	38087	38100	38112	38122	38128
	BLACK RAL 9005	37477	38062	38075	38088	38101	38113	38123	38129
	BLUE RAL 5010	37478	38063	38076	38089	38102	38114	38124	
	RED RAL 3000	37479	38064	38077	38090	38103	38115	38125	
	WHITE RAL 9010	37480	38065	38078	38091	38104	38116	38121	
	BROWN RAL 8003	37481	38066	38079	38092	38105			
	GRAY RAL 7001	37483	38068	38081	38094	38107	38119		
	ORANGE RAL 2003	37485	38070	38083	38096	38109	39297	39298	38133
	PALE BLUE RAL 5015	39260	39261	39262	39263	39264	39854	39855	
	VIOLET RAL 4005	39303	39304						
	CROSS SECTION MM ² (AWG)	1.50 (AWG16)	2.50 (AWG14)	4.00 (AWG12)	6.00 (AWG10)	10.00 (AWG08)	16.00 (AWG06)	25.00 (AWG04)	35.00 (AWG02)
	CUT	✗	✗	✗	✗	✗	✗	✓	✓
	ROLLS (M)	100	100	100	100				
	DRUMS (M)			305	305	100	100		100
	DIAMETER (MM)	3.2	3.6	4.1	4.7	6.3	8	9.2	10.9
	CABLE WEIGHT (KG/KM)	23	34	48	67	119	187	291	406

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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