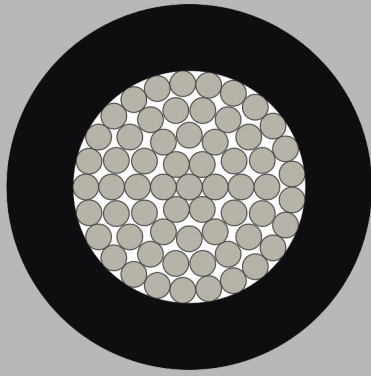


STATIC APPLICATION



TECWIRE®

STYLE 1007-1569

APPLICATIVE FEATURES



MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM ²)	CROSS SECTION MAX (MM ²)	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.14	1.50	10.0xø (occ. flexing)	5.0xø

DESCRIPTION

UL/CSA certified power and control single-core cables, designed for Static applications in protective tubes, cabinet wiring, electrical panels, junction box wiring, and industrial machines, according to NFPA 79. The single-core UL/CSA style 1007/1569 cables are highly resistant to industrial oils at room temperature. They possess self-extinguishing and flame-retardant properties and are manufactured without the use of silicone and lacquer-damaging substances.

APPROVALS



AWM STYLE 1007
80°C 300V AWM
STYLE 1569 105°C
300V



AWM I A/B 105°C
300V



2014/35/CEE



2011/65/UE



1907/2006

TECHNICAL DATA



DURING INSTALLATION
0 °C +70 °C
STATIC
-40 °C +105 °C
OCCASIONAL FLEXING
-5 °C +105 °C



NOMINAL VOLTAGE
300 V



TEST VOLTAGE
2 KV
TEST VOLTAGE REFERENCE
UL 1581

CONSTRUCTION FEATURES

GROUP 1

CONDUCTOR

CL5 FLEXIBLE. TINNED COPPER

INSULATION

PVC COMPOUND.

INSULATION COLOR

VARIOUS COLOURS

PRODUCTS FEATURES



FIRE PERFORMANCE
DIN VDE 0482-332-1-2
DIN EN 60332-1-2
IEC 60332-1-2
UL 1581
VW-1 (UL)
FT1 (CSA)



OIL PERFORMANCE
60 °C RATING UL
IEC 60811-404

	CROSS SECTION MM ² (AWG)	0.14 (AWG26)	0.25 (AWG24)	0.34 (AWG22)	0.50 (AWG21)	1.00 (AWG18)	1.50 (AWG16)
	YELLOW RAL 1021	16791	374	1443	466	2543	28076
	BLACK RAL 9017	4555	9651	927	468	461	2646
	RED RAL 3000	4556	451	929	469	463	7974
	PALE BLUE RAL 5015		1869				
	BROWN RAL 8003		362	928	473	460	
	GREEN RAL 6018		363	934	470		
	GRAY RAL 7001		369	930	467	459	
	VIOLET RAL 4005		370	8035	474	458	
	PINK RAL 3015		375				
	WHITE RAL 9010		685	933	465	1691	
	BLUE RAL 5010		686	931	471	462	10089
	ORANGE RAL 2003		861	932	464	457	
	YELLOW RAL 1021 - GREEN RAL 6018					1716	
	CROSS SECTION MM ² (AWG)	0.14 (AWG26)	0.25 (AWG24)	0.34 (AWG22)	0.50 (AWG21)	1.00 (AWG18)	1.50 (AWG16)
	CUT	×	×	×	×	×	×
	ROLLS (M)						
	DRUMS (M)	1000	2135	2135	2135	1220	1220
	DIAMETER (MM)	1.35	1.4	1.7	1.9	2.1	2.4
	CABLE WEIGHT (KG/KM)	2.8	4.2	6	8	11	16

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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