

HIGH TEMPERATURE WIRES & CABLES

UL & cUL approval

Changes in **UL 858** require home appliance wiring to comply with **VW-1 Flame rating**



- ▶ **SILIFLON®**
Fluoropolymer insulated wires



- ▶ **SILICABLE®**
Silicone insulated wires



- ▶ **SILICABLE®**
Silicone insulated wires with reinforcing braid



- ▶ **SILICABLE®**
Very high temperature wires with composite insulation



- ▶ **SILICABLE®**
Silicone sheathed cables

omerin
LES CABLES DE L'EXTREME

HIGH TEMPERATURE WIRES AND CABLES FOR THE GENERAL MARKET

FLUOROPOLYMER INSULATED WIRES

SILIFLON® 150°C & 250°C Fluoropolymer insulation UL & cUL approval

VW-1 cUL US



- 1 • Bare, tin-plated, nickel-plated or silver-plated copper core
- 2 • Insulation: Fluorinated polymer

Approvals - standards

- UL approval as per standard UL 758 - File no.: E101965
- cUL approval (CSA) as per standard C22.2 No. 210 - File no.: E101965
- "Horizontal flame test" as per UL approval
 - "FT1 flame rating" as per cUL approval
 - "VW-1 flame test" as per UL approval

Characteristics General

- Continuous operating temperatures: -90°C to +150°C, +200°C or +250°C (as per style no.)
- Excellent resistance to aggressive chemical environments
- Excellent resistance to humidity and UV
 - Excellent mechanical strength

Electrical

- Rated voltage: as per style no.
- Test voltage: 10 x Rated voltage

Standard products

- All colours including two-coloured
- Stranding of conducting cores: contact us

KEY

Conducting metals

- B : Tin-plated copper
- B* Tin-plated copper (ø > 0.38 mm)
- C Nickel-plated copper
- D Silver-plated copper
- E Nickel
- F Bare copper
- F* Bare copper (ø > 0.38 mm)
- G Nickel-plated copper 27 %

AWM I A/B : Internal wiring

* The diameter is provided for information purposes as it may vary depending on the stranding of the core. Only the average thickness of insulation should be taken into account

Style n°	Insulation	10126-VW-1		1333-VW-1		1332-VW-1		1330-VW-1		1727-VW-1	
		ETFE "Thin wall"		FEP		FEP "Thick wall"		FEP "Thick wall"		PFA	
		AWM I A/B		AWM I A/B		AWM I A/B		AWM I A/B		AWM I A/B	
		150°C - 600 V		150°C - 300 V		200°C - 300 V		200°C - 600 V		250°C - 600 V	
		Average thickness of insulation	Nominal diameter	Average thickness of insulation	Nominal diameter	Average thickness of insulation	Nominal diameter	Average thickness of insulation	Nominal diameter	Average thickness of insulation	Nominal diameter
		(mm)	(mm)*	(mm)	(mm)*	(mm)	(mm)*	(mm)	(mm)*	(mm)	(mm)*
AWG	(mm²)										
30	0.05	0.25	0.8	0.33	0.95	0.33	0.95	0.51	1.3	0.51	1.3
28	0.09	0.25	0.9	0.33	1.05	0.33	1.05	0.51	1.4	0.51	1.4
26	0.13	0.25	1.05	0.33	1.15	0.33	1.15	0.51	1.5	0.51	1.5
24	0.22	0.25	1.15	0.33	1.3	0.33	1.3	0.51	1.65	0.51	1.65
22	0.34	0.25	1.3	0.33	1.4	0.33	1.45	0.51	1.85	0.51	1.8
-	0.5	0.25	1.4	0.33	1.6	0.33	1.55	0.51	1.95	0.51	1.95
20	0.6	0.25	1.5	0.33	1.65	0.33	1.7	0.51	2.0	0.51	2.0
-	0.75	0.25	1.55	0.33	1.75	0.33	1.75	0.51	2.1	0.51	2.1
18	0.93	0.25	1.8	0.33	1.9	0.33	1.9	0.51	2.25	0.51	2.2
-	1	0.25	1.8	0.33	1.95	0.33	1.95	0.51	2.3	0.51	2.3
16	1.34	0.25	2.0	0.33	2.2	0.33	2.1	0.51	2.5	0.51	2.45
-	1.5	0.25	2.0	0.33	2.2	0.33	2.2	0.51	2.55	0.51	2.65
14	-	0.25	2.4	0.33	2.55	0.33	2.7	0.51	3.0	0.51	2.85
-	2.5	0.25	2.45	0.33	2.7	0.33	2.7	0.51	3.0	0.51	3.0
12	-	0.38	3.2	0.33	3.1	0.33	3.2	0.51	3.4	0.51	3.4
-	4	0.38	3.35	0.33	3.25	0.33	3.25	0.51	3.6	0.51	3.6
10	-	0.38	4.1	0.33	3.7	0.33	3.9	0.51	4.0	0.51	4.2
-	6	0.38	4.5	0.33	3.9	0.33	3.9	0.51	4.3	0.51	4.3
8	-	0.64	5.4	-	-	-	-	0.76	5.3	0.76	5.7
-	10	0.64	5.7	-	-	-	-	0.76	5.9	0.76	5.9
6	-	0.64	6.6	-	-	-	-	0.76	6.8	0.76	6.8
-	16	0.64	6.7	-	-	-	-	0.76	7.1	0.76	7.1
4	-	0.64	7.8	-	-	-	-	0.76	8.0	0.76	8.0
-	25	0.64	8.3	-	-	-	-	0.76	8.5	0.76	8.5
2	35	0.89	10.0	-	-	-	-	0.76	9.2	0.76	9.6
1	-	0.89	11.0	-	-	-	-	1.14	11.2	1.14	11.2
-	50	0.89	11.4	-	-	-	-	1.14	12.0	1.14	12.0
1/0	-	1.14	12.5	-	-	-	-	1.14	12.5	1.14	12.5
2/0	70	1.14	14.0	-	-	-	-	1.14	14.0	1.14	14.0
3/0	-	1.14	15.2	-	-	-	-	1.14	15.2	1.14	15.2
-	95	1.14	15.4	-	-	-	-	1.14	15.4	1.14	15.4
4/0	-	1.14	16.8	-	-	-	-	1.14	16.8	1.14	16.8
-	120	1.14	17.1	-	-	-	-	1.14	17.1	1.14	17.1
Conducting metals		BCDEFG		BCDEFG		B*CDEF*G		B*CDEF*G		CEG	

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**HIGH TEMPERATURE WIRES AND CABLES
FOR THE GENERAL MARKET**

SILICONE INSULATED WIRES

**SILICABLE® 150°C
& 200°C**
*Silicone insulation
UL & cUL approval*



Approvals - standards

- UL approval as per standard UL 758 - File no.: E101965
 - cUL approval as per standard C22.2 No. 210 - File no.: E101965 (except for style no. 3132)
 - "Horizontal flame test" as per UL approval
 - "FT2 flame rating" as per cUL approval
 - "VW-1 flame test" as per UL approval

**Characteristics
General**

- Continuous operating temperatures: -60°C to +150°C, +200°C (as per style no.)
- Good resistance to thermal shock and UV
 - Halogen free (IEC 60754-1)

Electrical

- Rated voltage: as per style no.
- Test voltage: 10 x Rated voltage

Standard products

- Stranding of conducting cores: contact us
 - Up to 120 mm²: all colours including two-coloured.
 - From 150 mm² to 400 mm²: all colours except two-coloured.

Option

- CSA approval as per standard C22.2 No. 210 - File no.: LL84986 (only for style no. 3132) : contact us

KEY

Conducting metals

- B : Tin-plated copper
- B* Tin-plated copper (ø > 0.38 mm)
- C Nickel-plated copper
- D Silver-plated copper
- E Nickel
- F Bare copper
- F* Bare copper (ø > 0.38 mm)
- G Nickel-plated copper 27 %

- AWM I A : Internal wiring
- AWM I A/B : Internal wiring not subjected to mechanical abuse

Not cUL approved

*The diameter is provided for information purposes as it may vary depending on the stranding of the core. Only the average thickness of insulation should be taken into account

For this product, please contact:

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- 1 • Bare, tin-plated, nickel-plated or silver-plated copper core
- 2 • Insulation: Silicone rubber

Style n°		3132-VW-1		3134-VW-1		3135-VW-1		3512-VW-1	
Insulation		Silicone		Silicone		Silicone		Silicone	
Approval		150°C – 300 V		150°C – 600 V		200°C – 600 V		200°C – 600 V	
Nominal cross-section		Average thickness of insulation (mm)	Nominal diameter (mm)*	Average thickness of insulation (mm)	Nominal diameter (mm)*	Average thickness of insulation (mm)	Nominal diameter (mm)*	Average thickness of insulation (mm)	Nominal diameter (mm)*
AWG	(mm ²)	(mm)	(mm)*	(mm)	(mm)*	(mm)	(mm)*	(mm)	(mm)*
26	0.13	0.38	1.2	-	-	0.76	2.0	-	-
24	0.22	0.38	1.4	-	-	0.76	2.1	-	-
22	0.34	0.38	1.55	-	-	0.76	2.4	-	-
-	0.5	0.38	1.7	-	-	0.76	2.5	0.76	2.5
20	0.6	0.38	1.75	-	-	0.76	2.6	0.76	2.6
-	0.75	0.38	1.9	-	-	0.76	2.65	0.76	2.65
18	0.93	0.38	2.0	0.76	2.7	0.76	2.7	0.76	2.7
-	1	0.38	2.1	0.76	2.9	0.76	2.8	0.76	2.8
16	1.34	0.38	2.3	0.76	3.1	0.76	3.05	0.76	3.05
-	1.5	0.38	2.4	0.76	3.2	0.76	3.2	0.76	3.1
14	-	0.38	2.65	0.76	3.6	0.76	3.6	0.76	3.6
-	2.5	0.38	2.8	0.76	3.6	0.76	3.6	0.76	3.6
12	-	0.38	3.2	0.76	4.0	0.76	4.0	0.76	4.0
-	4	0.38	3.4	0.76	4.2	0.76	4.4	0.76	4.4
10	-	0.38	3.8	-	-	-	-	1.14	5.3
-	6	0.38	3.9	-	-	-	-	1.14	5.5
8	-	0.38	4.6	-	-	-	-	1.14	6.1
-	10	0.38	5.2	-	-	-	-	1.52	7.4
6	-	0.38	5.9	-	-	-	-	1.52	8.3
-	16	0.38	6.3	-	-	-	-	1.52	8.9
4	-	0.38	7.3	-	-	-	-	1.52	9.8
-	25	0.38	7.8	-	-	-	-	1.52	10.2
2	35	0.38	8.9	-	-	-	-	1.52	11.0
1	-	0.38	10.1	-	-	-	-	1.52	13.5
-	50	0.38	10.5	-	-	-	-	2.03	14.0
1/0	-	0.38	11.2	-	-	-	-	2.03	14.6
2/0	70	0.38	12.3	-	-	-	-	2.03	16.0
3/0	-	0.38	13.9	-	-	-	-	2.03	17.8
-	95	0.38	14.1	-	-	-	-	2.03	18.4
4/0	-	0.38	15.5	-	-	-	-	2.41	20.0
-	120	0.38	15.8	-	-	-	-	2.41	20.8
250MCM	-	-	-	-	-	-	-	2.41	21.4
-	150	-	-	-	-	-	-	2.41	22.3
300MCM	-	-	-	-	-	-	-	2.41	23.1
350MCM	185	-	-	-	-	-	-	2.41	24.0
400MCM	-	-	-	-	-	-	-	2.41	25.3
-	240	-	-	-	-	-	-	2.41	26.3
Conducting metals		BCDEFG		BCDEG		B*CDEF*G		B*CDEG	



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SILICABLE® 200°C

*Silicone insulation
with fiberglass braid
UL approval*

VW-1 



Approvals - standards

- UL approval as per standard UL 758 - File no.: E101965
 - "Horizontal flame test" as per UL approval
 - "VW-1 flame test" as per UL approval

Characteristics General

- Continuous operating temperatures: -60°C to +200°C
- Good resistance to thermal shock and UV
 - Halogen free (IEC 60754-1)

Electrical

- Rated voltage: as per style no.
- Test voltage: 10 x Rated voltage

Standard products

- Stranding of conducting cores: contact us
- All colours with or without coloured spiral stripe

Option

- CSA approval as per standard C22.2 No. 210 - File no.: LL84986: contact us

KEY

Conducting metals

- B : Tin-plated copper
- B* Tin-plated copper (ø > 0,38 mm)
- C Nickel-plated copper
- D Silver-plated copper
- E Nickel
- F Bare copper
- F* Bare copper (ø > 0,38 mm)
- G Nickel-plated copper 27 %

- AWM I A : Internal wiring
- AWM I A/B : Internal wiring not subjected to mechanical abuse

*The diameter is provided for information purposes as it may vary depending on the stranding of the core. Only the average thickness of insulation should be taken into account

For this product, please contact:

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- Bare, tin-plated, nickel-plated or silver-plated copper core
- Insulation: Silicone rubber
- Coated fiberglass braid

Style n°	With reinforcing braid					
	Insulation	3122-VW-1 Silicone		3513-VW-1 Silicone		
		200°C – 300 V		200°C – 600 V		
Approval	Nominal cross-section	Average thickness of insulation	Nominal diameter	Average thickness of insulation	Nominal diameter	
AWG	(mm ²)	(mm)	(mm)*	(mm)	(mm)*	
26	0.13	0.38	1.5	-	-	
24	0.22	0.38	1.7	-	-	
22	0.34	0.38	1.9	-	-	
-	0.5	0.38	2.0	0.76	2.8	
20	0.6	0.38	2.1	0.76	2.9	
-	0.75	0.38	2.2	0.76	3.0	
18	0.93	0.38	2.3	0.76	3.1	
-	1	0.38	2.4	0.76	3.2	
16	1.34	0.38	2.6	0.76	3.6	
-	1.5	0.38	2.7	0.76	3.7	
14	-	-	-	0.76	4.0	
-	2.5	-	-	0.76	4.1	
12	-	-	-	0.76	4.5	
-	4	-	-	0.76	4.7	
10	-	-	-	1.14	5.8	
-	6	-	-	1.14	6.0	
8	-	-	-	1.14	6.6	
-	10	-	-	1.52	8.0	
6	-	-	-	1.52	8.9	
-	16	-	-	1.52	9.5	
4	-	-	-	1.52	10.7	
-	25	-	-	1.52	11.1	
2	35	-	-	1.52	11.9	
1	-	-	-	1.52	14.4	
-	50	-	-	2.03	15.1	
1/0	-	-	-	2.03	15.6	
2/0	70	-	-	2.03	16.5	
3/0	-	-	-	2.03	18.2	
-	95	-	-	2.03	18.4	
4/0	-	-	-	2.41	20.5	
-	120	-	-	2.41	20.9	
250MCM	-	-	-	2.41	21.7	
-	150	-	-	2.41	22.4	
300MCM	-	-	-	2.41	23.6	
350MCM	185	-	-	2.41	24.6	
400MCM	-	-	-	2.41	25.6	
-	240	-	-	2.41	26.9	

Conducting metals

B*CDEF*G

B*CD

SILICABLE® 350°C

Composite insulation
UL & cUL approval

VW-1 cUL US



- 1 • Nickel or nickel-plated copper core
- 2 • Composite insulation: Mica tape(s) and fibreglass lapping + varnished fibreglass braid

Approvals - standards

- UL approval as per standard UL 758 - File no.: E101965
- cUL approval (CSA) as per standard C22.2 No. 210 - File no.: E101965
 - "Horizontal flame test" as per UL approval
 - "FT1 flame rating" as per cUL approval
 - "VW-1 flame test" as per UL approval

Characteristics General

- Maximum continuous operating temperature: +350 °C
 - Good resistance to thermal shocks and oxidation

Electrical

- Rated voltage: as per style no.
- Test voltage: 10 x Rated voltage

Standard products

- Standard colours: grey, brown or natural. (other colours: contact us)
- Stranding of conducting cores: contact us

KEY

Conducting metals

- B : Tin-plated copper
- B* Tin-plated copper ($\phi > 0.38$ mm)
- C Nickel-plated copper
- D Silver-plated copper
- E Nickel
- F Bare copper
- F* Bare copper ($\phi > 0.38$ mm)
- G Nickel-plated copper 27 %

AWM I A/B : Internal wiring

Not cUL approved

* The diameter is provided for information purposes as it may vary depending on the stranding of the core. Only the average thickness of insulation should be taken into account

Style n°

Insulation

5304-VW-1

Composite

Approval

Nominal cross-section

AWM I A/B

350°C – 600 V

Average thickness of insulation

Nominal diameter

AWG	(mm ²)	(mm)	(mm)*
24	0.22	0.66	2.5
22	0.34	0.66	2.6
-	0.5	0.66	2.8
20	0.6	0.66	2.9
-	0.75	0.66	3.0
18	0.93	0.66	3.1
-	1	0.66	3.2
16	1.34	0.66	3.4
-	1.5	0.66	3.5
14	-	0.66	3.8
-	2.5	0.66	3.9
12	-	0.66	4.3
-	4	0.66	4.6
10	-	0.66	5.5

Conducting metals

EG

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**HIGH TEMPERATURE WIRES AND CABLES
FOR THE GENERAL MARKET**

**SILICABLE® 150°C
& 200°C**
*Silicone sheathing
UL & cUL approval*



SILICONE SHEATED CABLES



- 1 • UL and cUL approved conductors with a silicone or fluoropolymer insulation (see table below for more information).
- 2 • Outer sheath: Silicone rubber.

Approvals - standards

- UL approval as per standard UL 758 - File no.: E101965
- cUL approval (CSA) as per standard C22.2 No. 210 - File no.: E101965 (LL84986)
- "Horizontal flame test" as per UL approval
 - "FT1 flame rating" as per cUL approval
 - "FT2 flame rating" as per cUL approval
 - "VW-1 flame test" as per UL approval

**Characteristics
General**

- Continuous operating temperatures: -60°C to +150°C, +200°C (as per style no.)
- Good resistance to thermal shock and UV

Electrical

- Rated voltage: 600 V
- Test voltage: 6 000 V

Standard products

- Standard outer sheath colours: black with or without coloured spiral stripe
- Stranding of conducting cores: contact us

Style n°
Insulation

4389-S150-VW-1
Silicone

4389-S200-VW-1
Silicone

4389-E150-VW-1
ETFE

Nb. of cond	Approval Nominal cross-section AWG (mm²)		AWM II A/B (Wall 1.14 mm)		AWM II A/B (Wall 1.14 mm)		AWM II A/B (Wall 1.14 mm)	
			150°C		200°C		150°C	
			Nominal diameter of the cond. (mm)	Nominal diameter (mm)*	Nominal diameter of the cond. (mm)	Nominal diameter (mm)*	Nominal diameter of the cond. (mm)	Nominal diameter (mm)*
2	26	0.13	2.0	6.2	2.0	6.2	1.05	4.3
3	26	0.13	2.0	6.6	2.0	6.6	1.05	4.5
4	26	0.13	2.0	7.1	2.0	7.1	1.05	4.8
5	26	0.13	2.0	7.6	2.0	7.6	1.05	5.1
7	26	0.13	2.0	8.2	2.0	8.2	1.05	5.4
2	24	0.22	2.2	6.6	2.1	6.4	1.15	4.5
3	24	0.22	2.2	7.0	2.1	6.8	1.15	4.7
4	24	0.22	2.2	7.5	2.1	7.3	1.15	5.0
5	24	0.22	2.2	8.2	2.1	7.9	1.15	5.3
7	24	0.22	2.2	8.8	2.1	8.5	1.15	5.7
2	22	0.34	2.35	6.9	2.4	7.0	1.3	4.8
3	22	0.34	2.35	7.3	2.4	7.4	1.3	5.1
4	22	0.34	2.35	7.9	2.4	8.0	1.3	5.4
5	22	0.34	2.35	8.6	2.4	8.7	1.3	5.8
7	22	0.34	2.35	9.3	2.4	9.4	1.3	6.2
2	-	0.5	2.5	7.2	2.5	7.2	1.4	5.0
3	-	0.5	2.5	7.6	2.5	7.6	1.4	5.3
4	-	0.5	2.5	8.3	2.5	8.3	1.4	5.6
5	-	0.5	2.5	9.0	2.5	9.0	1.4	6.0
7	-	0.5	2.5	9.7	2.5	9.7	1.4	6.4
2	20	0.6	2.5	7.2	2.6	7.4	1.5	5.2
3	20	0.6	2.5	7.6	2.6	7.9	1.5	5.5
4	20	0.6	2.5	8.3	2.6	8.5	1.5	5.9
5	20	0.6	2.5	9.0	2.6	9.3	1.5	6.3
7	20	0.6	2.5	9.7	2.6	10.0	1.5	6.7
2	-	0.75	2.7	7.6	2.65	7.5	1.55	5.3
3	-	0.75	2.7	8.1	2.65	8.0	1.55	5.6
4	-	0.75	2.7	8.7	2.65	8.6	1.55	6.0
5	-	0.75	2.7	9.5	2.65	9.4	1.55	6.4
7	-	0.75	2.7	10.3	2.65	10.2	1.55	6.9
2	18	0.93	2.8	7.8	2.7	7.6	1.8	5.8
3	18	0.93	2.8	8.3	2.7	8.1	1.8	6.1
4	18	0.93	2.8	9.0	2.7	8.7	1.8	6.6
5	18	0.93	2.8	9.8	2.7	9.5	1.8	7.1
7	18	0.93	2.8	10.6	2.7	10.3	1.8	7.6
2	-	1	2.9	8.0	2.8	7.8	1.8	5.8
3	-	1	2.9	8.5	2.8	8.3	1.8	6.1
4	-	1	2.9	9.2	2.8	9.0	1.8	6.6
5	-	1	2.9	10.1	2.8	9.8	1.8	7.1
7	-	1	2.9	10.9	2.8	10.6	1.8	7.6
2	16	1.34	3.1	8.4	3.05	8.3	2.0	6.2
3	16	1.34	3.1	8.9	3.05	8.8	2.0	6.6
4	16	1.34	3.1	9.7	3.05	9.6	2.0	7.1
5	16	1.34	3.1	10.6	3.05	10.5	2.0	7.6
7	16	1.34	3.1	11.5	3.05	11.4	2.0	8.2
2	-	1.5	3.2	8.6	3.1	8.4	2.0	6.2
3	-	1.5	3.2	9.2	3.1	8.9	2.0	6.6
4	-	1.5	3.2	10.0	3.1	9.7	2.0	7.1
5	-	1.5	3.2	10.9	3.1	10.6	2.0	7.6
7	-	1.5	3.2	11.8	3.1	11.5	2.0	8.2
2	14	-	3.4	9.0	3.6	9.4	2.4	7.0
3	14	-	3.4	9.6	3.6	10.0	2.4	7.4
4	14	-	3.4	10.4	3.6	10.9	2.4	8.0
5	14	-	3.4	11.4	3.6	12.0	2.4	8.7
7	14	-	3.4	12.4	3.6	13.0	2.4	9.4

Conducting metals

BCDEFG

B*CDEF*G

BCDEFG

SILICABLE® 150°C & 200°C

Silicone sheathing
UL & cUL approval

SILICONE SHEATED CABLES

Nb. of cond	Style n°		4389-E150-VW-1		4389-F200-VW-1		4389-F200-VW-1		4389-F200-VW-1	
	Insulation		ETFE "Thin wall"		ETFE "Thin wall"		ETFE "Thin wall"		FEP	
	Approval		AWM II A/B (Wall 1.14 mm)		AWM II A/B (Wall 1.14 mm)		AWM II A/B (Wall 1.14 mm)		AWM II A/B (Wall 1.14 mm)	
	Nominal cross-section	150°C		200°C		200°C		200°C		
	AWG (mm²)	Nominal diameter of the cond. (mm)	Nominal diameter (mm)*	Nominal diameter of the cond. (mm)	Nominal diameter (mm)*	Nominal diameter of the cond. (mm)	Nominal diameter (mm)*	Nominal diameter of the cond. (mm)	Nominal diameter (mm)*	
2	26 0.13	-	-	1.0	4.2	0.9	4.0	1.2	4.6	
3	26 0.13	-	-	1.0	4.4	0.9	4.2	1.2	4.8	
4	26 0.13	-	-	1.0	4.7	0.9	4.4	1.2	5.1	
5	26 0.13	-	-	1.0	4.9	0.9	4.7	1.2	5.5	
7	26 0.13	-	-	1.0	5.2	0.9	4.9	1.2	5.8	
2	24 0.22	0.9	4.0	1.1	4.4	1.0	4.2	1.35	4.9	
3	24 0.22	0.9	4.2	1.1	4.6	1.0	4.4	1.35	5.2	
4	24 0.22	0.9	4.4	1.1	4.9	1.0	4.7	1.35	5.5	
5	24 0.22	0.9	4.7	1.1	5.2	1.0	4.9	1.35	5.9	
7	24 0.22	0.9	5.0	1.1	5.5	1.0	5.2	1.35	6.3	
2	22 0.34	1.05	4.3	1.25	4.7	1.15	4.5	1.45	5.1	
3	22 0.34	1.05	4.5	1.25	4.9	1.15	4.7	1.45	5.4	
4	22 0.34	1.05	4.8	1.25	5.3	1.15	5.0	1.45	5.7	
5	22 0.34	1.05	5.1	1.25	5.6	1.15	5.3	1.45	6.2	
7	22 0.34	1.05	5.4	1.25	6.0	1.15	5.7	1.45	6.6	
2	- 0.5	1.25	4.7	1.4	5.0	1.3	4.8	1.65	5.5	
3	- 0.5	1.25	4.9	1.4	5.3	1.3	5.0	1.65	5.8	
4	- 0.5	1.25	5.3	1.4	5.6	1.3	5.4	1.65	6.2	
5	- 0.5	1.25	5.6	1.4	6.0	1.3	5.8	1.65	6.7	
7	- 0.5	1.25	6.0	1.4	6.4	1.3	6.1	1.65	7.2	
2	20 0.6	1.35	4.9	1.5	5.2	1.4	5.0	1.7	5.6	
3	20 0.6	1.35	5.2	1.5	5.5	1.4	5.3	1.7	5.9	
4	20 0.6	1.35	5.5	1.5	5.9	1.4	5.6	1.7	6.3	
5	20 0.6	1.35	5.9	1.5	6.3	1.4	6.0	1.7	6.8	
7	20 0.6	1.35	6.3	1.5	6.7	1.4	6.4	1.7	7.3	
2	- 0.75	1.4	5.0	1.55	5.3	1.75	5.7	1.8	5.8	
3	- 0.75	1.4	5.3	1.55	5.6	1.75	6.0	1.8	6.1	
4	- 0.75	1.4	5.6	1.55	6.0	1.75	6.5	1.8	6.6	
5	- 0.75	1.4	6.0	1.55	6.4	1.75	7.0	1.8	7.1	
7	- 0.75	1.4	6.4	1.55	6.9	1.75	6.9	1.8	7.6	
2	18 0.93	1.55	5.3	1.8	5.8	1.9	6.0	2.0	6.2	
3	18 0.93	1.55	5.6	1.8	6.1	1.9	6.3	2.0	6.6	
4	18 0.93	1.55	6.0	1.8	6.6	1.9	6.8	2.0	7.1	
5	18 0.93	1.55	6.4	1.8	7.1	1.9	7.4	2.0	7.6	
7	18 0.93	1.55	6.9	1.8	7.6	1.9	7.9	2.0	8.2	
2	- 1	1.65	5.5	1.8	5.8	1.95	6.1	2.0	6.2	
3	- 1	1.65	5.8	1.8	6.1	1.95	6.5	2.0	6.6	
4	- 1	1.65	6.2	1.8	6.6	1.95	6.9	2.0	7.1	
5	- 1	1.65	6.7	1.8	7.1	1.95	7.5	2.0	7.6	
7	- 1	1.65	7.2	1.8	7.6	1.95	8.1	2.0	8.2	
2	16 1.34	1.9	6.0	2.0	6.2	2.2	6.6	2.2	6.6	
3	16 1.34	1.9	6.3	2.0	6.6	2.2	7.0	2.2	7.0	
4	16 1.34	1.9	6.8	2.0	7.1	2.2	7.5	2.2	7.5	
5	16 1.34	1.9	7.4	2.0	7.6	2.2	8.2	2.2	8.2	
7	16 1.34	1.9	7.9	2.0	8.2	2.2	8.8	2.2	8.8	
2	- 1.5	1.9	6.0	2.0	6.2	2.0	6.8	2.3	6.8	
3	- 1.5	1.9	6.3	2.0	6.6	2.2	7.2	2.3	7.2	
4	- 1.5	1.9	6.8	2.0	7.1	2.2	7.8	2.3	7.8	
5	- 1.5	1.9	7.4	2.0	7.6	2.2	8.5	2.3	8.5	
7	- 1.5	1.9	7.9	2.0	8.2	2.2	9.1	2.3	9.1	
2	14 -	2.25	6.7	2.4	7.0	2.6	7.4	2.6	7.4	
3	14 -	2.25	7.1	2.4	7.4	2.6	7.9	2.6	7.9	
4	14 -	2.25	7.7	2.4	8.0	2.6	8.5	2.6	8.5	
5	14 -	2.25	8.3	2.4	8.7	2.6	9.3	2.6	9.3	
7	14 -	2.25	9.0	2.4	9.4	2.6	10.0	2.6	10.0	

Conducting metals

BCDEFG

B*CDEF*G

B*CDEF*G

B*CDEF*G

KEY

Conducting metals

- B Tin-plated copper
- B* Tin-plated copper (ø > 0.38 mm)
- C Nickel-plated copper
- D Silver-plated copper
- E Nickel
- F Bare copper
- F* Bare copper (ø > 0.38 mm)
- G Nickel-plated copper 27 %

AWM II A/B : External or
Internal wiring

*The diameter is provided for information purposes as it may vary depending on the stranding of the core. Only the average thickness of insulation should be taken into account

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