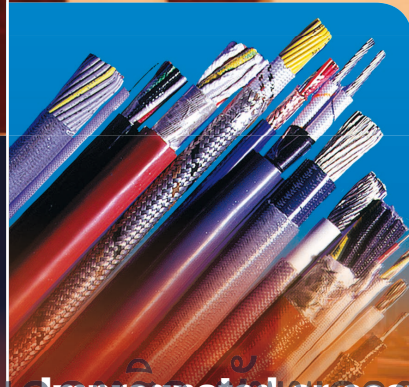




# High temperature & extreme environment electrical wires and cables



บริษัท ซีที อีเล็คทริค ซัพพลาย จำกัด  
Impregnated or coated  
fiberglass sleeveings  
CT ELECTRIC SUPPLY CO., LTD.

โทร : 02 550 9555

**omerin**

**World's leading manufacturer of silicone-insulated wires and cables**  
**Europe's leading manufacturer of glass-yarn braids**  
**France's leading manufacturer of fire safety cables**

**SINCE 1959, THE OMERIN GROUP HAS BEEN PRODUCING ELECTRICAL WIRES AND CABLES FOR EXTREME CONDITIONS.**



*At OMERIN,  
we use our know-how  
and technology  
to develop ever better  
performing products.*

*Our expertise  
is recognized in  
over 120 countries.*



Omerin offers a wide range of high-performance products covering a large number of applications in very diverse industries such as electrothermal construction, electromechanical, chemical, nuclear energy, railway, naval, aeronautical, heavy industry, power plants...

Our product range is further extended by varnished, impregnated, and treated braided insulating sleeveings, door seals for ovens, fireproof sleeveings, thermocouple, extension and compensation cables and industrial braids.

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### **Men and Women at your service**

Our teams provide you with their technical expertise to bring answers and solutions to all your requests.

Our Methods, Quality Assurance and Research and Development Departments work in permanent collaboration with the aim of constant improvement of our products and process.

The entire staff subscribes to this philosophy which is evident by their involvement through all stages of the production process

Also, this catalog is the fruit of the passionate endeavour of an entire team, who have displayed great talent in writing it for you.

It is designed to be a simple and concise work tool for you, serving as a reference document able to help you solve most of your needs.

The full catalog of OMERIN cable factories, featuring almost 95,000 product references and 600 technical data sheets, is regularly updated and available for download on our website

**[www.omerin.com](http://www.omerin.com)**

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# PRODUCT LIST

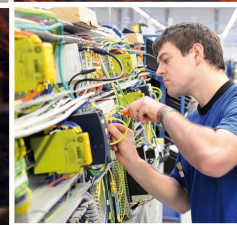
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CT ELECTRIC SUPPLY CO., LTD.

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# HIGH TEMPERATURE & EXTREME ENVIRONMENT ELECTRICAL WIRES AND CABLES

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CT ELECTRIC SUPPLY CO., LTD.

โทร : 06-550-9555



# SILICABLE® 105°C

## Braidless Silicone insulated wires - AWM

**Construction**

1- 26 AWG – 12 AWG, stranded (flexible or extra-flexible) tin plated or bare copper  
2- Extruded silicone rubber insulation

**Ratings – Approvals**

AWM 105°C – 300 V / 600 V  
Compliance **UL file E101965**  
RoHS Compliant

**Other characteristics**

Color coding = single color, or 2-colors  
Surface marking  
Use: Appliance wiring material / relay leads, mercury switch leads



	UL	3232	3243	3171		
	CSA / cUL	AWM I A	AWM I A	AWM I A		
	Voltage	300 V	300 V	600 V		
AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
26	.0472	2.3	.0512	2.5	.0787	3.8
24	.0551	3.3	.0591	3.5	.0866	5.0
22	.0630	5.1	.0630	5.1	.0945	7.0
20	.0709	8.0	.0748	8.2	.1024	10.1
18	.0787	11.9	.0827	12.2	.1102	14.2
16	.0906	17.0	.0945	17.4	.1220	19.6
14					.1417	31.4
12					.1614	46.2
Flame ratings	UL	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
	CSA	FT2	FT2	FT2	FT2	FT2



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# SILICABLE® 150°C

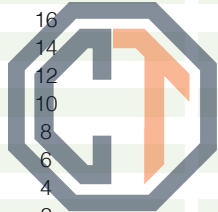
## Braidless Silicone insulated wires - AWM

**Construction**

- 1- 26 AWG – 750 MCM, stranded or solid tin plated or bare copper (Other material available on request)
- 2- Extruded silicone rubber insulation



	UL	3099	3132	3123 / 3133	3134	
	CSA / cUL	AWM I A	AWM I A	AWM I A	AWM I A	
	Voltage	300 V	300 V	600 V	600 V	
AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
26			.0472	2.4	.0787	4.4
24			.0551	3.4	.0827	5.3
22			.0610	5.1	.0925	7.6
20	.0984	10.6	.0689	8.1	.0984	10.6
18	.1102	15.2	.0787	12.2	.1102	15.2
16	.1220	20.7	.0906	17.4	.1220	20.7
14			.1043	28.2		14.7
12			.1260	42.7		15.7
10			.1496	64.2		15.75
8			.1811	107		
6			.2323	172		
4			.2874	299		
2			.3504	464		
1			.3976	635		
1/0			.4409	791		
2/0			.4843	994		
3/0			.5472	1,230		
4/0			.6102	1,510		
250MCM						
300 MCM						
350MCM						
400MCM						
500MCM						
600MCM						
700MCM						
750MCM						
Flame ratings	UL	Horizontal	Horizontal	Horizontal	VW1	
	CSA	FT2	FT2	FT2	FT1	



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 For applications that require tight tolerances or special performance, please contact us for dimensional verification and/or technical review.  
 Information herein is believed to be accurate as of publication date; however, if an error exists, it is unintentional and OMERIN cannot be held responsible for any claim traceable to such error.



**Other characteristics**  
Color coding = single color, or 2-colors  
Surface marking  
Use: Appliance wiring material

**Ratings – Approvals**  
AWM 150°C – 300 V / 600 V / 1,000 V  
**Compliance UL file E101965 – CSA file LL84986**  
RoHS Compliant

UL		3137 / 3138		3529		3536		3580	
CSA / cUL		AWM I A		AWM I A		AWM I A		AWM I A	
Voltage		600 V		600 V		600 V		1,000 V	
AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	
26	.1102	7.4	.0787	4.4			.1102	7.4	
24	.1142	8.5	.0827	5.3			.1142	8.5	
22	.1201	10.5	.0925	7.6			.1201	10.5	
20	.1339	14.7	.0984	10.6	.0984	10.6	.1339	14.7	
18	.1417	19.2	.1102	15.2	.1102	15.2	.1417	19.2	
16	.1496	24.5	.1220	20.7	.1220	20.7	.1496	24.5	
14	.1693	37.1	.1575	32.3	.1575	32.3	.1693	37.1	
12	.1811	51.3	.1722	47.2	.1722	47.2	.1811	51.3	
10	.2087	74.8	.2087	74.8	.2087	74.8	.2087	74.8	
8			.2677	127	.2677	127	.2677	127	
6			.3307	200	.3307	200	.3307	200	
4			.4016	339	.4016	339	.4016	339	
2			.4488	504	.4488	504	.4488	504	
1			.5472	706	.5472	706	.5472	706	
1/0			.5906	869	.5906	869	.5906	869	
2/0			.6260	1,073	.6260	1,073	.6260	1,073	
3/0			.6929	1,321	.6929	1,321	.6929	1,321	
4/0			.7520	1,607	.7835	1,631	.7520	1,607	
250MCM			.8307	1,917	.8307	1,917	.8307	1,917	
300 MCM			.9055	2,339	.9055	2,339	.9055	2,339	
350MCM			.9449	2,602	.9449	2,602	.9449	2,602	
400MCM			.9843	3,003	.9843	3,003	.9843	3,003	
500MCM			1.087	3,722			1.087	3,722	
600MCM			1.209	4,510					
700MCM			1.283	5,212					
750MCM			1.323	5,602					

Flame ratings	UL	Horizontal	Horizontal	Horizontal	Horizontal
	CSA	FT2	FT2	FT2	FT2

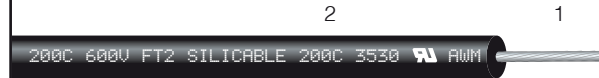
Not CSA Certified / cUL recognized

# SILICABLE® 200°C

## Braidless Silicone insulated wires - AWM

**Construction**

- 1- 26 AWG – 750 MCM, stranded or solid tin plated or bare copper (strands > .015 inches) (Other material available on request)
- 2- Extruded silicone rubber insulation



UL	3367	3135	3139	3512				
CSA / cUL	AWM I A	AWM I A	AWM I A	AWM I A				
Voltage	300 V	600 V	600 V	600 V				
AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
26	.0472	2.3	.0787	4.1	.1102	6.7		
24	.0551	3.3	.0827	5.0	.1142	7.7		
22	.0630	5.1	.0945	7.3	.1201	9.7		
20	.0709	8.0	.1024	10.4	.1339	13.7	.1024	10.4
18	.0787	11.9	.1063	14.2	.1417	18.1	.1063	14.2
16			.1201	19.8	.1496	23.4	.1201	19.8
14			.1417	32.0	.1693	35.8	.1417	32.0
12			.1575	46.3	.1811	49.8	.1575	46.3
10							.2087	73.1
8							.2402	118
6							.3268	195
4							.3858	328
2							.4331	492
1							.5315	689
1/0							.5748	850
2/0							.6299	1,065
3/0							.7008	1,313
4/0							.7874	1,617
250MCM							.8425	1,909
300 MCM							.9094	2,322
350MCM							.9449	2,581
400MCM							.9961	2,993
500MCM								
600MCM								
700MCM								
750MCM								
Flame ratings	UL	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
	CSA	FT2	FT2	FT2	FT2	FT2	FT2	FT2

Not CSA Certified / cUL recognized



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**Other characteristics**  
Color coding = single color, or 2-colors  
Surface marking  
Use: Appliance wiring material

**Ratings – Approvals**  
AWM 200°C – 300 V / 600 V / 1,000 V  
**Compliance UL file E101965 – CSA file LL84986**  
RoHS Compliant

UL		3530		3755		3572		3644	
CSA / cUL		AWM I A		AWM I A		AWM I A		AWM I A	
Voltage		600 V		600 V		1,000 V		1,000 V	
AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	
26	.0787	4.1	.0787	4.1	.0787	4.1	.0787	4.1	
24	.0827	5.0	.0827	5.0	.0827	5.0	.0827	5.0	
22	.0945	7.3	.0945	7.3	.0945	7.3	.0945	7.3	
20	.1024	10.4	.1024	10.4	.1024	10.4	.1024	10.4	
18	.1063	14.2	.1063	14.2	.1063	14.2	.1063	14.2	
16	.1201	19.8	.1201	19.8	.1201	19.8	.1201	19.8	
14	.1417	32.0	.1417	32.0	.1417	32.0	.1417	32.0	
12	.1575	46.3	.1575	46.3	.1575	46.3	.1575	46.3	
10	.2087	73.1	.2087	73.1	.2087	73.1	.2087	73.1	
8	.2677	124	.2677	124	.2677	124	.2677	124	
6	.3268	195	.3268	195	.3268	195	.3268	195	
4	.3858	328	.3858	328	.3858	328	.3858	328	
2	.4331	492	.4331	492	.4331	492	.4331	492	
1	.5315	689	.5315	689	.5315	689	.5315	689	
1/0	.5748	850	.5748	850	.5748	850	.5748	850	
2/0	.6299	1,065	.6299	1,065	.6299	1,065	.6299	1,065	
3/0	.7008	1,313	.7008	1,313	.7008	1,313	.7008	1,313	
4/0	.7559	1,596	.7559	1,596	.7559	1,596	.7559	1,596	
250MCM	.8425	1,909	.8425	1,909	.8425	1,909	.8425	1,909	
300 MCM	.9094	2,322	.9094	2,322	.9094	2,322	.9094	2,322	
350MCM	.9449	2,581	.9449	2,581	.9449	2,581	.9449	2,581	
400MCM	.9961	2,993	.9961	2,993	.9961	2,993	.9961	2,993	
500MCM	1.091	3,702	1.091	3,702	1.091	3,702	1.091	3,702	
600MCM	1.209	4,480	1.209	4,480	1.209	4,480	1.209	4,480	
700MCM	1.283	5,179	1.283	5,179	1.283	5,179	1.283	5,179	
750MCM	1.323	5,568	1.323	5,568	1.323	5,568	1.323	5,568	

Flame ratings	UL	Horizontal	Horizontal	Horizontal	Horizontal
	CSA	FT2	FT2	FT2	FT2

Not CSA Certified / cUL recognized

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ELECTRIC SUPPLY CO., LTD.  
โทร : 02 550 9555

# SILICABLE® 150°C

**Silicone insulated and sheathed multi-core cables - AWM**

**Construction**

- 1- Silicone rubber insulated singles
- 2- Extruded silicone rubber outer sheath



UL	4476-S150				4389-S150		4476-S150		
	CSA / cUL	AWM I A	AWM II A/B		AWM I A		AWM I A	AWM II A/B	
	Voltage	300 V			600 V		600 V		
Nb of Singles*	AWG Size*	OD inches	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	OD inches	Weight Lbs/mft
2	26	.1535	.1811	16.6	.2441	28.1	.2165	.2441	28.1
3	26	.1614	.1890	18.7	.2598	32.4	.2283	.2598	32.4
4	26	.1732	.2008	21.3	.2795	37.2	.2480	.2795	37.2
5	26	.1850	.2165	24.7	.2992	41.9	.2717	.2992	41.9
2	24	.1693	.1969	20.0	.2598	32.2	.2323	.2598	32.2
3	24	.1772	.2087	23.3	.2756	37.1	.2441	.2756	37.1
4	24	.1890	.2205	26.5	.2953	42.5	.2677	.2953	42.5
5	24	.2087	.2362	30.3	.3228	49.9	.2913	.3228	49.9
2	22	.1811	.2087	23.8	.2717	36.6	.2441	.2717	36.6
3	22	.1890	.2205	28.1	.2874	42.5	.2559	.2874	42.5
4	22	.2047	.2362	33.0	.3110	50.0	.2795	.3110	50.0
5	22	.2244	.2520	37.8	.3386	58.4	.3071	.3386	58.4
2	20	.1969	.2244	29.8	.2835	42.5	.2559	.2835	42.5
3	20	.2087	.2362	35.8	.2992	50.1	.2717	.2992	50.1
4	20	.2244	.2559	43.3	.3268	60.4	.2953	.3268	60.4
5	20	.2441	.2756	50.7	.3543	70.5	.3228	.3543	70.5
2	18	.2165	.2441	38.1	.3071	52.7	.2795	.3071	52.7
3	18	.2283	.2598	47.4	.3268	63.9	.2953	.3268	63.9
4	18	.2480	.2795	57.3	.3543	76.7	.3228	.3543	76.7
5	18	.2717	.2992	67.0	.3858	90.5	.3543	.3858	90.5
2	16	.2402	.2677	48.6	.3307	68.3	.3031	.3307	64.4
3	16	.2520	.2835	60.8	.3504	83.1	.3228	.3504	78.6
4	16	.2756	.3071	74.7	.3819	102	.3543	.3819	95.7
5	16	.3031	.3307	88.3	.4173	123	.3898	.4173	114
2	14	.2677	.2953	67.3	.3543	83.4	.3268	.3543	83.4
3	14	.2835	.3150	87.2	.3780	105	.3465	.3780	105
4	14	.3110	.3386	107	.4094	129	.3819	.4094	129
5	14	.3386	.3701	130	.4488	155	.4213	.4488	155
Flame ratings	UL	Horizontal	Cable flame		Horizontal / Cable flame	Horizontal	Cable flame		
	CSA	FT1 / FT2			FT1 / FT2	FT1 / FT2			

\* : other number of singles and AWG sizes on request



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**Other characteristics**

Color coding = Insulated singles as per NEC NFPA 70

Outer sheath standard color: Black or Brick red

Surface marking

Use: Appliance wiring material: Internal wiring (AWM I A/B),

Internal wiring, not subject to mechanical abuse (AWM I A)

or External interconnection (AWM II A/B).

**Optional shield:** Consult us.

**Ratings – Approvals**

AWM 150°C – 300 V / 600 V / 1,000 V

**Compliance UL/cUL file E101965**

RoHS Compliant

UL		4476-S150		
CSA / cUL	AWM I A	AWM II A/B		
Voltage	1,000 V			

Nb of Singles*	AWG Size*	OD inches	OD inches	Weight Lbs/mft
2	26	.2795	.3071	42.7
3	26	.2953	.3268	48.9
4	26	.3228	.3543	56.7
5	26	.3543	.3858	65.5
<hr/>				
2	24	.2874	.3150	45.6
3	24	.3031	.3346	52.3
4	24	.3346	.3622	60.5
5	24	.3661	.3976	71.2
<hr/>				
2	22	.2992	.3268	50.5
3	22	.3189	.3465	58.2
4	22	.3465	.3780	68.9
5	22	.3819	.4134	80.6
<hr/>				
2	20	.3268	.3543	61.4
3	20	.3465	.3780	72.5
4	20	.3819	.4094	85.0
5	20	.4213	.4488	100
<hr/>				
2	18	.3425	.3701	70.5
3	18	.3661	.3937	84.0
4	18	.4016	.4291	100
5	18	.4409	.4724	120
<hr/>				
2	16	.3583	.3858	80.9
3	16	.3819	.4094	97.2
4	16	.4173	.4488	118
5	16	.4606	.4921	140
<hr/>				
2	14	.3976	.4252	106
3	14	.4252	.4528	131
4	14	.4646	.4961	161
5	14	.5157	.5472	193

Flame ratings	UL	Horizontal	Cable flame	
	CSA	FT1 / FT2		

\* : other number of singles and AWG sizes on request

Not CSA Certified / cUL recognized

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# SILICABLE® 200°C

**Silicone insulated and sheathed multi-core cables - AWM**

**Construction**

- 1- Silicone rubber insulated singles
- 2- Extruded silicone rubber outer sheath



UL		4476-S200			4389-S200		4421-S200	
CSA / cUL		AWM I A	AWM II A/B		AWM II A/B		AWM II A/B	
Voltage		300 V			600 V		600 V	
Nb of Singles*	AWG Size*	OD inches	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
2	26	.1535	.1811	16.6	.2441	28.1	.2756	35.9
3	26	.1614	.1890	18.7	.2598	32.4	.2874	39.6
4	26	.1732	.2008	21.3	.2795	37.2	.3071	44.9
5	26	.1850	.2165	24.7	.2992	41.9	.3307	51.3
2	24	.1693	.1969	20.0	.2520	30.5	.2835	38.6
3	24	.1772	.2087	23.3	.2677	35.3	.2953	42.7
4	24	.1890	.2205	26.5	.2874	40.7	.3189	49.8
5	24	.2087	.2362	30.3	.3110	46.8	.3425	56.7
2	22	.1850	.2126	24.5	.2756	37.6	.3071	46.3
3	22	.1929	.2244	28.8	.2913	43.5	.3228	52.7
4	22	.2087	.2402	33.8	.3150	51.0	.3465	60.9
5	22	.2283	.2598	39.6	.3425	59.4	.3740	70.1
2	20	.2008	.2283	30.6	.2913	44.4	.3228	53.7
3	20	.2126	.2402	36.6	.3110	53.2	.3386	61.8
4	20	.2283	.2598	44.2	.3346	62.5	.3661	73.0
5	20	.2480	.2795	51.6	.3661	73.9	.3937	83.9
2	18	.2165	.2441	38.1	.2992	50.7	.3307	60.2
3	18	.2283	.2598	47.4	.3189	61.8	.3465	70.6
4	18	.2480	.2795	57.3	.3425	73.3	.3740	84.0
5	18	.2717	.2992	67.0	.3740	86.9	.4055	98.6
2	16				.3268	63.3	.3583	73.6
3	16				.3465	77.5	.3780	88.3
4	16				.3780	94.5	.4094	106
5	16				.4134	113	.4409	124
2	14				.3701	88.1	.4016	99.7
3	14				.3937	110	.4252	123
4	14				.4291	136	.4606	149
5	14				.4724	164	.5000	176
Flame ratings	UL	Horizontal	Cable flame		Horizontal / Cable flame		Cable flame	
	CSA	FT1 / FT2			FT1 / FT2		FT1 / FT2	

\* : other number of singles and AWG sizes on request



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**Other characteristics**

Color coding = Insulated singles as per NEC NFPA 70  
Outer sheath standard color: Black or Brick red  
Surface marking

**Ratings – Approvals**

AWM 200°C – 300 V / 600 V / 1,000 V  
**Compliance UL/cUL file E101965**  
RoHS Compliant

Use: Appliance wiring material: Internal wiring (AWM I A/B), Internal wiring, not subject to mechanical abuse (AWM I A) or External interconnection (AWM II A/B)

**Optional shield:** Consult us.

UL		4476-S200			4476-S200		
CSA / cUL		AWM I A	AWM II A/B		AWM I A	AWM II A/B	
Voltage		600 V			1,000 V		
Nb of Singles*	AWG Size*	OD inches	OD inches	Weight Lbs/mft	OD inches	OD inches	Weight Lbs/mft
2	26	.2165	.2441	28.1	.2165	.2441	28.1
3	26	.2283	.2598	32.4	.2283	.2598	32.4
4	26	.2480	.2795	37.2	.2480	.2795	37.2
5	26	.2717	.2992	41.9	.2717	.2992	41.9
2	24	.2244	.2520	30.5	.2244	.2520	30.5
3	24	.2362	.2677	35.3	.2362	.2677	35.3
4	24	.2559	.2874	40.7	.2559	.2874	40.7
5	24	.2835	.3110	46.8	.2835	.3110	46.8
2	22	.2480	.2756	37.6	.2480	.2756	37.6
3	22	.2638	.2913	43.5	.2638	.2913	43.5
4	22	.2874	.3150	51.0	.2874	.3150	51.0
5	22	.3150	.3425	59.4	.3150	.3425	59.4
2	20	.2638	.2913	44.4	.2638	.2913	44.4
3	20	.2795	.3110	53.2	.2795	.3110	53.2
4	20	.3031	.3346	62.5	.3031	.3346	62.5
5	20	.3346	.3661	73.9	.3346	.3661	73.9
2	18	.2717	.2992	50.7	.2795	.3071	52.7
3	18	.2874	.3189	61.8	.2953	.3268	63.9
4	18	.3150	.3425	73.3	.3228	.3543	76.7
5	18	.3465	.3740	86.9	.3543	.3858	90.5
2	16	.2992	.3268	63.3	.2992	.3268	63.3
3	16	.3189	.3465	77.5	.3189	.3465	77.5
4	16	.3465	.3780	94.5	.3465	.3780	94.5
5	16	.3819	.4134	113	.3819	.4134	113
2	14	.3425	.3701	88.1	.3346	.3622	85.7
3	14	.3661	.3937	110	.3543	.3858	108
4	14	.4016	.4291	136	.3898	.4213	133
5	14	.4409	.4724	164	.4291	.4606	159
Flame ratings	UL	Horizontal	Cable flame		Horizontal	Cable flame	
	CSA	FT1 / FT2			FT1 / FT2		



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\* : other number of singles and AWG sizes on request

# SILICABLE® 150°C

**Fluoropolymer insulated and silicone sheathed multi-core cables - AWM**

**Construction**

- 1- Fluoropolymer insulated singles
- 2- Extruded silicone rubber outer sheath



UL		4476-E150			4476-E150		4476-E150	
CSA / cUL		AWM I A	AWM II A/B		AWM I A		AWM I A	
Insulation		ETFE			ETFE		Thin-wall ETFE	
Voltage		300 V			600 V		600 V	
Nb of Singles*	AWG Size*	OD inches	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
2	26	.1181	.1496	11.6	.1417	11.1		
3	26	.1220	.1575	13.6	.1496	13.1		
4	26	.1299	.1654	15.5	.1575	15.0		
5	26	.1378	.1732	17.5	.1693	17.4		
2	24	.1299	.1575	14.1	.1496	12.9	.1299	10.3
3	24	.1339	.1654	16.6	.1575	15.4	.1339	12.1
4	24	.1457	.1782	19.0	.1693	18.3	.1457	14.2
5	24	.1535	.1850	22.0	.1811	21.2	.1535	16.9
2	22	.1417	.1693	17.6	.1614	16.3	.1417	13.5
3	22	.1496	.1772	21.0	.1693	19.7	.1457	16.2
4	22	.1575	.1890	25.0	.1811	23.6	.1575	19.8
5	22	.1693	.2008	29.0	.1969	28.2	.1693	23.4
2	20	.1614	.1890	23.8	.1772	21.7	.1654	19.8
3	20	.1693	.2008	29.7	.1850	26.9	.1732	24.8
4	20	.1811	.2126	35.5	.2008	33.1	.1850	30.2
5	20	.1969	.2283	41.9	.2165	39.3	.2008	36.3
2	18	.1811	.2087	31.6	.2008	30.1	.1811	26.5
3	18	.1890	.2205	39.9	.2126	38.4	.1890	33.8
4	18	.2047	.2362	48.8	.2283	47.1	.2047	42.2
5	18	.2244	.2520	57.5	.2480	56.4	.2244	51.3
2	16	.2087	.2362	42.5	.2165	38.2	.2087	36.7
3	16	.2205	.2480	53.8	.2283	49.3	.2205	47.6
4	16	.2402	.2677	66.6	.2480	61.7	.2402	59.9
5	16	.2598	.2913	80.2	.2717	74.9	.2598	72.0
2	14	.2362	.2638	60.5	.2480	56.6	.2362	54.0
3	14	.2480	.2795	79.2	.2638	75.1	.2480	71.2
4	14	.2717	.3031	99.4	.2874	95.0	.2717	90.8
5	14	.2992	.3268	119	.3150	116	.2992	111
Flame ratings	UL	Horizontal	Cable flame		Horizontal		Horizontal	
	CSA	FT1 / FT2			FT1 / FT2		FT1 / FT2	

\* : other number of singles and AWG sizes on request



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**Other characteristics**

Color coding = Insulated singles as per NEC NFPA 70

Outer sheath standard color: Black or Brick red

Surface marking

Use: Appliance wiring material: Internal wiring (AWM I A/B), Internal wiring, not subject to mechanical abuse (AWM I A) or External interconnection (AWM II A/B)

**Optional shield:** Consult us.

**Ratings – Approvals**

AWM 150°C – 300 V / 600 V / 1,000 V

**Compliance UL/cUL file E101965**

RoHS Compliant

UL		4389-E150		4389-E150		4476-E150		
CSA / cUL		AWM II A/B		AWM II A/B		AWM I A	AWM II A/B	
Insulation		ETFE		Thin-wall ETFE		ETFE		
Voltage		600 V		600 V		1,000 V		
Nb of Singles*	AWG Size*	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	OD inches	Weight Lbs/mft
2	26	.1693	15.1			.1811	.2087	22.1
3	26	.1772	17.4			.1890	.2205	25.7
4	26	.1890	20.2			.2047	.2362	29.8
5	26	.2008	22.9			.2244	.2520	33.8
2	24	.1772	17.2	.1575	14.1	.1890	.2165	24.5
3	24	.1850	19.9	.1654	16.6	.1969	.2283	28.5
4	24	.1969	23.2	.1782	19.0	.2165	.2441	33.1
5	24	.2087	26.4	.1850	22.0	.2323	.2638	38.5
2	22	.1890	20.9	.1693	17.6	.2008	.2283	28.6
3	22	.2008	25.3	.1772	21.0	.2126	.2402	33.7
4	22	.2126	29.6	.1890	25.0	.2283	.2598	40.2
5	22	.2283	34.5	.2008	29.0	.2480	.2795	46.7
2	20	.2047	26.8	.1929	24.5	.2165	.2441	35.1
3	20	.2165	32.9	.2047	30.5	.2283	.2598	42.9
4	20	.2323	39.6	.2165	36.3	.2480	.2795	51.2
5	20	.2480	46.3	.2323	42.8	.2717	.2992	59.4
2	18	.2283	35.7	.2087	31.6	.2362	.2638	43.9
3	18	.2402	44.3	.2205	39.9	.2480	.2795	54.2
4	18	.2598	54.4	.2362	48.8	.2717	.3031	66.1
5	18	.2795	64.4	.2520	57.5	.2992	.3268	77.7
2	16	.2441	44.3	.2362	42.5	.2559	.2835	54.0
3	16	.2598	56.7	.2480	53.8	.2717	.2992	67.3
4	16	.2795	69.7	.2677	66.6	.2953	.3268	83.4
5	16	.2992	82.4	.2913	80.2	.3228	.3543	99.2
2	14	.2756	63.5	.2638	60.5	.2835	.3110	73.3
3	14	.2913	82.4	.2795	79.2	.2992	.3307	94.3
4	14	.3150	103	.3031	99.4	.3268	.3583	117
5	14	.3425	124	.3268	119	.3622	.3898	140
Flame ratings	UL	Horizontal / Cable flame		Horizontal / Cable flame		Horizontal	Cable flame	
	CSA	FT1 / FT2		FT1 / FT2		FT1 / FT2		

\* : other number of singles and AWG sizes on request

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# SILICABLE® 200°C

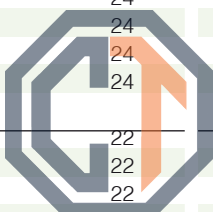
Fluoropolymer insulated and silicone sheathed multi-core cables - AWM

**Construction**

- 1- Fluoropolymer insulated singles
- 2- Extruded silicone rubber outer sheath



UL		4476-F200			4476-F200			4476-F200	
CSA / cUL		AWM I A	AWM II A/B		AWM I A	AWM II A/B		AWM I A	
Insulation		Thin-wall ETFE			FEP			Thin-wall ETFE	
Voltage		300 V			300 V			600 V	
Nb of Singles*	AWG Size*	OD inches	OD inches	Weight Lbs/mft	OD inches	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
2	26	.1220	.1496	12.3	.1299	.1575	13.5	.1378	10.8
3	26	.1260	.1575	14.4	.1339	.1654	15.7	.1417	12.4
4	26	.1339	.1654	16.4	.1457	.1732	17.8	.1535	14.9
5	26	.1417	.1732	18.4	.1535	.1850	20.6	.1654	17.4
2	24	.1299	.1575	14.3	.1378	.1654	15.5	.1457	12.6
3	24	.1339	.1654	16.8	.1417	.1732	18.2	.1535	15.2
4	24	.1457	.1732	19.3	.1535	.1850	21.4	.1614	17.7
5	24	.1535	.1850	22.4	.1654	.1929	23.9	.1772	21.3
2	22	.1417	.1693	17.8	.1496	.1772	19.1	.1575	16.0
3	22	.1496	.1772	21.3	.1575	.1850	22.8	.1654	19.6
4	22	.1575	.1890	25.4	.1693	.1969	27.0	.1772	23.6
5	22	.1693	.2008	29.5	.1811	.2087	31.1	.1929	28.3
2	20	.1614	.1890	24.1	.1693	.1969	25.6	.1772	22.2
3	20	.1693	.2008	30.1	.1772	.2087	31.8	.1850	27.5
4	20	.1811	.2126	36.0	.1929	.2205	37.8	.2008	34.0
5	20	.1969	.2283	42.5	.2087	.2362	44.5	.2165	40.4
2	18	.1811	.2087	32.0	.2087	.2362	38.1	.2008	30.6
3	18	.1890	.2205	40.4	.2205	.2480	47.2	.2126	39.2
4	18	.2047	.2362	49.4	.2402	.2677	57.8	.2283	48.2
5	18	.2244	.2520	58.3	.2598	.2913	69.3	.2480	57.9
2	16	.2087	.2362	43.0	.2323	.2598	48.9	.2165	38.8
3	16	.2205	.2480	54.5	.2441	.2756	62.1	.2283	50.3
4	16	.2402	.2677	67.5	.2677	.2953	75.7	.2480	62.9
5	16	.2598	.2913	81.4	.2913	.3228	91.5	.2717	76.4
2	14	.2362	.2638	61.0	.2559	.2835	66.4	.2480	57.3
3	14	.2480	.2795	79.9	.2717	.2992	85.9	.2638	76.2
4	14	.2717	.3031	100	.2953	.3268	108	.2874	96.4
5	14	.2992	.3268	121	.3228	.3543	130	.3150	117



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\* : other number of singles and AWG sizes on request



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**Other characteristics**

Color coding = Insulated singles as per NEC NFPA 70

Outer sheath standard color: Black or Brick red

Surface marking

Use: Appliance wiring material: Internal wiring (AWM I A/B), Internal wiring, not subject to mechanical abuse (AWM I A) or External interconnection (AWM II A/B)

**Optional shield:** Consult us.

**Ratings – Approvals**

AWM 200°C – 300 V / 600 V / 1,000 V

**Compliance UL/cUL file E101965**

RoHS Compliant

UL		4389-F200		4476-F200		4389-F200		4476-F200		
CSA / cUL		AWM II A/B		AWM I A		AWM II A/B		AWM I A	AWM II A/B	
Insulation		Thin-wall ETFE		FEP		FEP		FEP		
Voltage		600 V		600 V		600 V		1,000 V		
Nb of Singles*	AWG Size*	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	OD inches	Weight Lbs/mft
2	26	.1654	14.8	.1535	13.1	.1811	17.5	.1772	.2047	22.0
3	26	.1732	17.1	.1614	15.4	.1890	20.1	.1850	.2165	25.8
4	26	.1850	20.0	.1732	18.3	.2008	23.2	.2008	.2323	30.2
5	26	.1929	22.1	.1850	21.0	.2165	27.0	.2165	.2480	34.5
2	24	.1732	16.8	.1654	15.7	.1929	20.4	.1890	.2165	25.3
3	24	.1811	19.6	.1732	18.6	.2047	24.3	.1969	.2283	29.7
4	24	.1929	23.0	.1850	22.0	.2165	28.0	.2165	.2441	34.7
5	24	.2047	26.3	.2008	26.0	.2323	32.5	.2323	.2638	40.5
2	22	.1850	20.5	.1732	18.6	.2008	28.6	.2008	.2283	29.5
3	22	.1929	24.3	.1811	22.5	.2126	28.4	.2126	.2402	35.0
4	22	.2087	29.4	.1969	27.5	.2244	33.0	.2283	.2598	42.0
5	22	.2205	33.7	.2126	32.4	.2441	39.3	.2480	.2795	48.9
2	20	.2047	27.2	.1929	25.1	.2205	30.5	.2165	.2441	36.1
3	20	.2165	33.5	.2047	31.5	.2323	37.3	.2283	.2598	44.3
4	20	.2323	40.5	.2205	38.4	.2480	44.5	.2480	.2795	53.2
5	20	.2480	47.4	.2402	45.9	.2677	52.6	.2717	.2992	61.8
2	18	.2283	36.3	.2165	34.0	.2441	40.0	.2362	.2638	45.0
3	18	.2402	45.2	.2283	42.9	.2598	50.3	.2480	.2795	55.9
4	18	.2598	55.5	.2480	53.2	.2795	61.1	.2717	.3031	68.4
5	18	.2795	65.8	.2717	64.2	.2992	71.7	.2992	.3268	80.6
2	16	.2441	44.9	.2323	42.4	.2598	48.9	.2559	.2835	55.3
3	16	.2598	57.6	.2441	54.3	.2756	62.1	.2717	.2992	69.3
4	16	.2795	70.9	.2677	68.3	.2953	75.7	.2953	.3268	86.0
5	16	.2992	83.9	.2913	82.2	.3228	91.5	.3228	.3543	103
2	14	.2756	64.2	.2638	61.4	.2913	68.7	.2953	.3228	78.5
3	14	.2913	83.5	.2795	80.8	.3110	89.7	.3150	.3425	101
4	14	.3150	104	.3031	101	.3346	111	.3425	.3740	126
5	14	.3425	126	.3346	124	.3661	135	.3780	.4055	151
Flame ratings	UL	Horizontal		Horizontal		Horizontal / Cable flame		Horizontal	Cable flame	
	CSA	FT1 / FT2		FT1 / FT2		FT1 / FT2		FT1 / FT2		

\* : other number of singles and AWG sizes on request

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# SILICABLE® 150°C

## Fiberglass braided Silicone insulated wires - AWM

**Construction**

- 1- 26 AWG – 500 MCM, stranded or solid tin plated or bare copper (Other material available on request)
- 2- Extruded silicone rubber insulation
- 3- Fiberglass braid



**Ratings – Approvals**

AWM 150°C – 300 V / 600 V  
**Compliance UL file E101965 – CSA file LL84986**  
 RoHS Compliant

**Other characteristics**

Color coding = single color, or color stripes  
 Marking on extruded insulation  
 Use: Appliance wiring material

UL	3068	3132	3069 / 3070	3535				
CSA / cUL	AWM I A/B	AWM I A/B	AWM I A/B	AWM I A/B				
Voltage	300 V	300 V	600 V	600 V				
AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
26	.0591	3.0	.0591	3.0	.0906	9.4		
24	.0669	4.2	.0669	4.2	.0945	6.4		
22	.0748	6.1	.0748	6.1	.1063	9.0		
20	.0827	9.1	.0827	9.1	.1142	12.2	.1142	12.2
18	.0906	13.2	.0906	13.2	.1220	16.6	.1220	16.6
16	.1024	18.5	.1024	18.5	.1417	23.3	.1417	23.3
14			.1181	29.7	.1575	35.2	.1575	35.2
12			.1457	45.4	.1772	50.5	.1772	50.5
10			.1693	67.3			.2283	79.2
8			.2008	111			.2598	125
6			.2520	177			.3504	207
4			.3071	305			.4213	347
2			.3701	471			.4685	513
1			.4173	643			.5669	718
1/0			.4606	800			.6142	883
2/0			.5039	1,003			.6496	1,088
3/0			.5669	1,241			.7165	1,338
4/0			.6339	1,524			.8071	1,650
250MCM							.8543	1,937
300 MCM							.9291	2,361
350MCM							.9685	2,625
400MCM							1.008	3,027
500MCM							1.110	3,748
Flame ratings	UL	Horizontal	Horizontal	Horizontal	Horizontal			
	CSA	FT2	FT2	FT2	FT2			

Not CSA Certified / cUL recognized



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# SILICABLE® 200°C

## Fiberglass braided Silicone insulated wires - AWM

**Construction**

- 1- 26 AWG – 750 MCM, stranded or solid tin plated or bare copper (strands > .015 inches) (Other material available on request)
- 2- Extruded silicone rubber insulation
- 3- Fiberglass braid



**Ratings – Approvals**

AWM 200°C – 300 V / 600 V / 1,000 V  
**Compliance UL file E101965 – CSA file LL84986**  
 RoHS Compliant

**Other characteristics**

Color coding = single color, or color stripes  
 Marking on extruded insulation  
 Use: Appliance wiring material

UL	3122	3071	3513	3645				
CSA / cUL	AWM I A/B	AWM I A/B	AWM I A/B	AWM I A/B				
Voltage	300 V	600 V	600 V	1,000 V				
AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
26	.0591	2.9			.1220	7.9		
24	.0669	3.9			.1260	9.0		
22	.0748	5.8			.1378	11.8		
20	.0827	8.8			.1442	11.6		
18	.0906	12.8	.1220	15.8	.1220	15.8	.1614	20.8
16	.1024	18.1	.1417	22.4	.1417	22.4	.1693	26.2
14			.1575	34.1	.1575	34.1	.1890	39.0
12					.1772	49.2	.2008	53.2
10					.2283	76.9	.2283	76.9
8					.2598	122	.2874	129
6					.3504	202	.3504	202
4					.4213	340	.4213	340
2					.4685	506	.4685	506
1					.5669	707	.5669	707
1/0					.6142	871	.6142	871
2/0					.6496	1,076	.6496	1,076
3/0					.7165	1,323	.7165	1,323
4/0					.8071	1,631	.7756	1,609
250MCM					.8543	1,918	.8543	1,918
300 MCM					.9291	2,338	.9291	2,338
350MCM					.9685	2,601	.9685	2,601
400MCM					1.008	3,004	1.008	3,004
500MCM							1.110	3,721
600MCM							1.232	4,505
700MCM							1.307	5,207
750MCM							1.346	5,596
Flame ratings	UL CSA	Horizontal FT2	Horizontal FT2	Horizontal FT2	Horizontal FT2	Horizontal FT2	Horizontal FT2	Horizontal FT2

Not CSA Certified / cUL recognized

# SILICABLE® SF

## Silicone rubber insulated Fixture wires

**Construction**

- 1- 18 AWG – 10 AWG, stranded or solid tin plated or bare copper core
- 2- Extruded silicone rubber insulation
- 3- Lacquered fiberglass braid



**Ratings – Approvals**

UL 66, fixture wires SF-1 / SF-2 / SFF-1 / SFF-2 – 150°C / 200°C – 300 V / 600 V

**Compliance UL file E211693**

RoHS Compliant

**Other characteristics**

Color coding = single color, or color stripes

No marking

Use: Fixture wires

UL 66 Type	SF-1	SF-2	SFF-1	SFF-2
Temperatures	200°C (392°F)	200°C (392°F)	150°C (302°F)	150°C (302°F)
Voltage	300 V	600 V	300 V	600 V
Type of core	Solid or 7-strands	Solid or 7-strands	Flexible stranded	Flexible stranded

AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
18	.0945	13.4	.1260	16.7	.0965	13.6	.1260	16.7
16			.1358	22.2			.1358	22.2
14			.1535	34.2			.1496	33.6
12			.1713	49.0			.1693	48.7
10			.1929	71.1			.1949	71.4

Flame rating	Vertical	Vertical	Vertical	Vertical
	Vertical	Vertical	Vertical	Vertical



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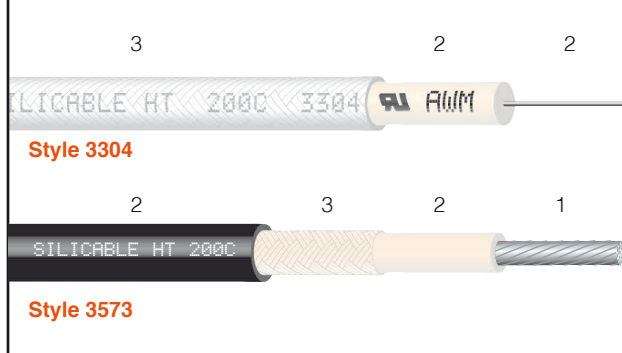
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# SILICABLE® HT

## Silicone rubber insulated Ignition wires - AWM styles 3304 and 3573

- Construction**
- 1- 22AWG – 12 AWG, stranded or solid tin plated or bare copper (strands > .015 inches) (Other material available on request)
  - 2- Extruded silicone rubber
  - 3- Fiberglass braid



**Ratings – Approvals**  
AWM 200°C – 10,000 V pulse  
**Compliance UL file E101965**  
RoHS Compliant

**Other characteristics**  
Color coding = single color  
Marking on extruded layer  
Use: Electronic ignition



	UL	3304	3573	
Voltage	10,000 V Pulse	10,000 V Pulse	10,000 V Pulse	
AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
22	.1220	10.0	.1260	10.4
20	.1339	13.7	.1417	14.7
18	.1378	17.7	.1457	18.6
16	.1496	23.4	.1614	25.0
14	.1693	35.8	.1811	37.7
12	.1890	51.1	.1969	52.5

Flame ratings	UL	Horizontal	Horizontal

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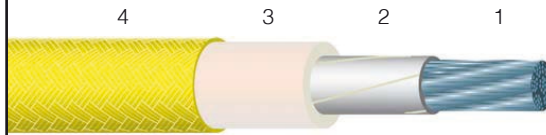
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# SILICOUL® Style 3661

## 1,100 V class H connection cable

**Construction**

- 1- 1.5 to 400 sq.mm, stranded tin plated copper core
- (AWG sizes on request: Please consult us)
- 2- Separating tape
- 3- Extruded silicone rubber insulation
- 4- Silicone coated reinforcing synthetic braid



**Ratings – Approvals**

AWM 180°C – 1,100 V

**Compliance UL file E101965**

RoHS Compliant

**Other characteristics**

Standard color: Yellow

Use: Appliance wiring material, lead wire or cable for engines, electrical motors and other rotating and static machines.

<b>UL</b>	<b>3661</b>
<b>CSA / cUL</b>	<b>AWM I A/B</b>
<b>Voltage</b>	<b>1,100 V</b>



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Cross-section sq.mm	OD inches	Weight Lbs/mft
1.5	.1496	15.9
2.5	.1693	22.8
4	.1929	32.9
6	.2362	47.4
10	.2835	78.6
16	.3386	116
25	.4094	180
35	.4685	241
50	.5551	345
70	.6260	463
95	.7165	609
120	.8150	784
150	.9134	959
185	.9921	1,219
240	1.150	1,642
300	1.244	2,025
400	1.362	2,532

<b>Flame ratings</b>	<b>UL</b>	<b>Horizontal</b>
	<b>CSA</b>	<b>FT1 / FT2</b>



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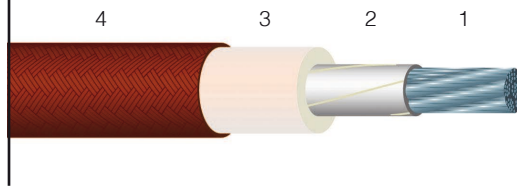


# SILICOUL® Style 3662

## 4,200 V class H connection cable

**Construction**

- 1- 1.5 to 400 sq.mm, stranded tin plated copper core
- (AWG sizes on request: Please consult us)
- 2- Separating tape
- 3- Extruded silicone rubber insulation
- 4- Silicone coated reinforcing synthetic braid



**Ratings – Approvals**

AWM 180°C – 4,200 V  
**Compliance UL file E101965**  
 RoHS Compliant

**Other characteristics**

Standard color: Brown  
 Use: Appliance wiring material, lead wire or cable for engines, electrical motors and other rotating and static machines.

UL	3662
CSA / cUL	AWM I A/B
Voltage	4,200 V



Cross-section sq.mm	OD inches	Weight Lbs/mft
0.75	.2165	25.8
2.5	.2480	34.7
4	.2717	46.2
6	.3071	62.6
10	.3543	96.1
16	.4016	134
25	.4646	198
35	.5197	263
50	.6024	369
70	.6693	486
95	.7953	648
120	.8740	824
150	.9606	1,001
185	1.016	1,244
240	1.165	1,657
300	1.252	2,033
400	1.406	2,580

Flame ratings	UL	Horizontal
	CSA	FT1 / FT2

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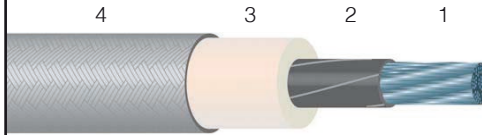
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# SILICOUL® Style 3663

## 7,200 V class H connection cable

**Construction**

- 1- 2.5 to 400 sq.mm, stranded tin plated copper core
- 2- Semi-conductive tape
- 3- Extruded silicone rubber insulation
- 4- Silicone coated reinforcing synthetic braid



**Ratings – Approvals**

AWM 180°C – 7,200 V  
**Compliance UL file E101965**  
 RoHS Compliant

**Other characteristics**

Standard color: Grey  
 Use: Appliance wiring material, lead wire or cable for engines, electrical motors and other rotating and static machines.

<b>UL</b>	<b>3663</b>
<b>CSA / cUL</b>	<b>AWM I A/B</b>
<b>Voltage</b>	<b>7,200 V</b>



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Cross-section sq. mm	OD inches	Weight Lbs/mft
2.5	.3081	45.8
4	.3268	57.9
6	.3622	75.9
10	.4094	111
16	.4567	151
25	.5157	217
35	.5748	285
50	.6575	393
70	.7205	512
95	.8228	663
120	.9055	844
150	.9961	1,025
185	1.059	1,276
240	1.209	1,691
300	1.295	2,071
400	1.465	2,640

<b>Flame ratings</b>	<b>UL</b>	<b>Horizontal</b>
	<b>CSA</b>	<b>FT1 / FT2</b>



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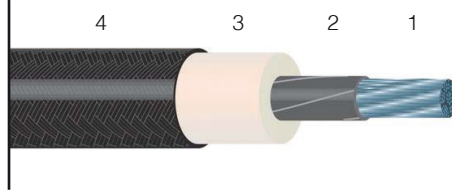
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# SILICOUL® Style 3664

## 15,000 V class H connection cable

**Construction**

- 1- 2.5 to 400 sq.mm, stranded tin plated copper core
- 2- Semi-conductive tape
- 3- Extruded silicone rubber insulation
- 4- Silicone coated reinforcing synthetic braid



**Ratings – Approvals**

AWM 180°C – 15,000 V  
**Compliance UL file E101965**  
 RoHS Compliant

**Other characteristics**

Standard color: Black  
 Use: Appliance wiring material, lead wire or cable for engines, electrical motors and other rotating and static machines.

UL	3664
CSA / cUL	GTO-15
Voltage	15,000 V



Cross-section sq.mm	OD inches	Weight Lbs/mft
2.5	.4173	78.0
4	.4331	88.7
6	.4646	108
10	.5157	149
16	.5591	190
25	.6181	262
35	.6772	333
50	.7441	438
70	.8386	572
95	.9134	719
120	.9921	902
150	1.098	1,104
185	1.154	1,352
240	1.303	1,778
300	1.398	2,172
400	1.559	2,743

Flame ratings	UL	Horizontal
	CSA	FT1 / FT2

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โทร : 02 550 9555

# VARPREN® 125°C

## class B lead wire - AWM

**Construction**

1- 24 AWG – 4/0 AWG, stranded or solid tin plated or bare copper  
(Other material available on request)  
2- Extruded Varpren® (XLPE) insulation



**Ratings – Approvals**

AWM 125°C – 300 V / 600 V  
**Compliance UL file E101965**  
RoHS Compliant

**Other characteristics**

Color coding = single color  
Surface marking  
Use: Appliance wiring material, motor leads

	UL	3266	3173	3271		
	CSA / cUL	AWM I A/B				
	Voltage	300 V	600 V	600 V		
AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
24	.0574	3.9	.0906	6.1	.0906	6.1
22	.0630	5.3	.0925	7.6	.0925	7.6
20	.0689	8.1	.1024	11.0	.1024	11.0
18	.0807	12.4	.1102	15.2	.1102	15.2
16	.0925	17.6	.1220	20.8	.1220	20.8
14	.1063	28.4	.1339	31.8	.1339	31.8
12	.1260	42.8	.1575	47.3	.1575	47.3
10	.1535	64.3	.1850	70.3	.1850	70.3
8				122	.2480	122
6				193	.3071	193
4				324	.3622	324
2				503	.4449	503
1				676	.4882	676
1/0				838	.5354	838
2/0				1,047	.5827	1,047
3/0				1,288	.6417	1,288
4/0				1,576	.7087	1,576
Flame ratings	UL CSA	Horizontal FT2	Horizontal	Horizontal	Horizontal	Horizontal

Not CSA Certified / cUL recognized



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# VARPREN® 155°C

## class F lead wire - AWM

**Construction**

1- 24 AWG – 4/0 AWG, stranded or solid tin plated or bare copper  
 (Other material available on request)  
 2- Extruded Varpren® (XLPO/XLPE) insulation



**Ratings – Approvals**  
 AWM 150°C – 600 V  
**Compliance UL file E101965**  
 RoHS Compliant

**Other characteristics**  
 Color coding = single color  
 Surface marking  
 Use: Appliance wiring material, motor leads

<b>UL</b>	<b>3289 / 3321</b>
<b>CSA / cUL</b>	<b>AWM I A/B</b>
<b>Voltage</b>	<b>600 V</b>



AWG Size	OD inches	Weight Lbs/mft
24	.0866	5.7
22	.0925	7.6
20	.1024	11.0
18	.1102	15.2
16	.1220	20.8
14	.1339	31.8
12	.1575	47.3
10	.1850	70.8
8	.2480	122
6	.3307	200
4	.3858	333
2	.4606	510
1	.5354	701
1/0	.5906	870
2/0	.6496	1,090
3/0	.6969	1,325
4/0	.7717	1,624

Flame ratings	UL	Horizontal
	CSA	FT2

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# VARPREN® Style 3781-HAR

## AWM - Tri-rated XLPO insulated lead wire

**Construction**

1- 0.5 – 50 sq.mm, stranded tin plated copper core.  
2- Extruded XLPO Varpren®.



**Ratings – Approvals**

AWM 105°C – UL 1,000 V  
<HAR>: 300/500 V or 450/750 V  
European Harmonized Standards <HAR>

**Compliance UL file E101965**

RoHS Compliant

**Other characteristics**

Color coding = single color  
Surface marking

Use: Appliance wiring material, wiring of appliances for both US and European Market.



UL	3781	3781
CSA / cUL	AWM I A/B	AWM I A/B
<HAR> Voltage	H05G-K (300/500 V)	H07G-K (450/750 V)

Cross-section sq.mm	closest AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
0.5	20	.0827	8.4		
0.75	19	.0906	11.8		
1	17	.0984	15.3		
1.5	16			.1260	22.8
2.5	13			.1496	36.0
4	11			.1811	55.2
6	9			.2126	82.4
10	7			.2677	157
16	5			.3150	225
25	4			.3858	372
35	2			.4449	489
50	1/0			.5157	698

Flame ratings	UL	Horizontal	Horizontal
	CSA	FT2	FT2

Not CSA Certified / cUL recognized



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# SILIFLON® 105°C

## Fluoropolymer insulated wires - AWM

**Construction**

1- 30 AWG – 10 AWG, tin, nickel or silver plated copper core.  
2- Extruded fluoropolymer.



**Ratings – Approvals**

AWM 105°C – VNS  
(Voltage Not Specified) or 30 V  
**Compliance UL file E101965**  
RoHS Compliant

**Other characteristics**

Color coding = single color  
Surface marking  
Use: Appliance wiring material, back panel areas of electronic computers and business machines.

AWG Size	UL	1513	1227	1508
	CSA / cUL	VNS	AWM I A/B	AWM I A/B
	Voltage	VNS	VNS	30 V
	Insulation	Thin-wall ETFE	FEP	Thin-wall ETFE
	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
30	.0217	.8	.0276	.9
28	.0256	1.3	.0315	1.3
26	.0295	1.8	.0354	1.8
24	.0335	2.5	.0394	2.6
22	.0394	4.1	.0453	4.2
20	.0492	7.0	.0551	7.1
18			.0748	12.6
16			.0866	18.0
14			.1024	29.1
12			.1260	44.4
10			.1535	67.2
Flame ratings	UL	Horizontal	Horizontal	Horizontal
	CSA	FT2	FT1 / FT2	FT1 / FT2

Not CSA Certified / cUL recognized

# SILIFLON® 150°C

## Fluoropolymer insulated wires - AWM

**Construction**

1- 30 AWG – 4/0 AWG, stranded or solid tin plated or bare copper  
(Other material available on request).  
2- Extruded fluoropolymer.



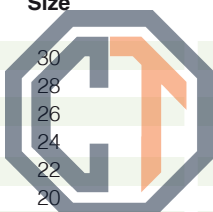
**Ratings – Approvals**

AWM 150°C – 300 V / 600 V / 1,000 V  
**Compliance UL file E101965**  
RoHS Compliant

**Other characteristics**

Color coding = single color  
Surface marking  
Use: Appliance wiring material, hermetically sealed motors, electronic equipment.

	UL	10125	1643	1333	10210	
	CSA / cUL	AWM I A/B	AWM I A/B	AWM I A/B	AWM I A/B	
	Insulation	Thin-wall ETFE	ETFE	FEP	Ultra-thin-wall ETFE	
	Voltage	300 V	300 V	300 V	600 V	
AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
30	.0236	0.9	.0374	1.4	.0874	1.6
28	.0276	1.3	.0413	1.9	.0413	2.1
26	.0295	1.8	.0453	2.5	.0453	2.7
24	.0354	2.6	.0512	3.5	.0512	3.7
22	.0413	4.2	.0551	5.0	.0551	5.3
20	.0512	7.1	.0650	8.1	.0650	8.4
18	.0610	11.1	.0748	12.2	.0748	12.6
16	.0748	16.3	.0866	17.5	.0866	18.0
14	.0886	26.9	.1004	28.3	.1004	28.8
12	.1142	41.8	.1181	42.3	.1220	43.7
10	.1417	63.8	.1535	65.9	.1457	65.4
8	.2126	116	.2087	115		
6	.2598	182	.2480	179		
4	.3071	308	.2913	303		
2	.3937	487	.3661	474		
1	.4331	656	.4213	649		
1/0	.4921	823	.4606	805		
2/0	.5512	1,038	.5039	1,008		
3/0	.5984	1,270	.5669	1,247		
4/0	.6614	1,555	.6299	1,530		
Flame ratings	UL	Horizontal	Horizontal	Horizontal	Horizontal	
	CSA	FT1 / FT2	FT1 / FT2	FT1 / FT2	FT1 / FT2	



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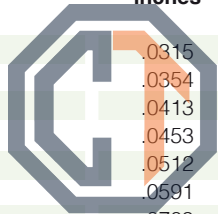
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	UL	10126	1644	1331	10358			
	CSA / cUL	AWM I A/B	AWM I A/B	AWM I A/B	AWM I A/B			
	Insulation	Thin-wall ETFE	ETFE	FEP	ETFE			
	Voltage	600 V	600 V	600 V	1,000 V			
AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	OD inches
30	.0315	1.2	.0612	2.2	.0612	2.5	.0612	2.2
28	.0354	1.7	.0551	2.7	.0551	3.1	.0551	2.7
26	.0413	2.3	.0591	3.4	.0591	3.8	.0591	3.4
24	.0453	3.1	.0650	4.4	.0650	4.9	.0650	4.4
22	.0512	4.8	.0709	6.3	.0709	6.8	.0709	6.3
20	.0591	7.7	.0787	9.3	.0787	9.9	.0787	9.3
18	.0709	11.9	.0886	13.6	.0886	14.3	.0886	13.6
16	.0787	16.7	.0984	18.8	.0984	19.6	.0984	18.8
14	.0945	27.6	.1122	29.8	.1122	30.6	.1122	29.8
12	.1260	43.5	.1280	43.8	.1299	45.1	.1299	44.1
10	.1614	67.4	.1614	67.4	.1614	69.0	.1614	67.4
8	.2126	116	.2205	118	.2126	119	.2126	116
6	.2598	182	.2677	185	.2677	189	.2677	185
4	.3071	308	.3150	311	.3150	316	.3150	311
2	.3937	487	.3780	479	.3780	484	.3780	479
1	.4331	656	.4409	660	.4409	667	.4409	660
1/0	.4921	823	.4921	823	.4921	832	.4921	823
2/0	.5512	1,038	.5748	1,054	.5512	1,049	.5512	1,038
3/0	.5984	1,270	.5984	1,270	.5984	1,280	.5984	1,270
4/0	.6614	1,555	.6614	1,555	.6614	1,568	.6614	1,555
Flame ratings	UL	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
	CSA	FT1 / FT2	FT1 / FT2	FT1 / FT2	FT1 / FT2	FT1 / FT2	FT1 / FT2	FT1 / FT2



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 โทร 02 530 9535

# SILIFLON® 200°C

## Fluoropolymer insulated wires - AWM

**Construction**

1- 30 AWG – 4/0 AWG, stranded or solid, tin, silver or nickel plated or bare copper. (Tin plated or bare copper-strands > .015 inches)  
 2- Extruded fluoropolymer insulation.



**Ratings – Approvals**

AWM 200°C – 300 V / 600 V / 1,000 V  
**Compliance UL file E101965**  
 RoHS Compliant

**Other characteristics**

Color coding = single color  
 Surface marking  
 Use: Appliance wiring material, electronic equipments.

	UL	10109	1900	1332	10086		
	CSA / cUL	AWM I A/B	AWM I A/B	AWM I A/B	AWM I A/B		
	Insulation	Thin-wall ETFE	FEP	Thick-wall FEP	Thin-wall ETFE		
	Voltage	300 V	300 V	300 V	600 V		
AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	
30	.0236	0.9	.0315	1.3	.0374	1.6	
28	.0276	1.3	.0354	1.8	.0413	2.1	
26	.0315	1.8	.0394	2.3	.0453	2.7	
24	.0354	2.6	.0433	3.2	.0512	3.7	
22	.0413	4.2	.0492	4.8	.0571	5.5	
20	.0512	7.1	.0591	7.9	.0669	8.6	
18	.0610	11.1	.0669	11.8	.0748	12.6	
16	.0748	16.3	.0787	17.0	.0827	17.5	
14	.0886	26.9	.0945	28.0	.1063	29.7	
12	.1142	41.8	.1142	42.3	.1260	44.4	
10	.1417	63.8	.1417	64.6	.1535	67.2	
8						.2126	116
6						.2598	182
4						.3071	308
2						.3937	487
1						.4331	656
1/0						.4921	823
2/0						.5512	1,038
3/0						.5984	1,270
4/0						.6614	1,555
Flame ratings	UL	Horizontal	Horizontal	Horizontal	Horizontal		
	CSA	FT1 / FT2	FT1 / FT2	FT1 / FT2	FT1 / FT2		

Not CSA Certified / cUL recognized



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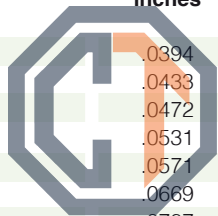
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UL		1901	1330	10203	10048			
CSA / cUL		AWM I A/B	AWM I A/B	AWM I A/B	AWM I A/B			
Insulation		FEP	Thick-wall FEP	FEP	Thick-wall FEP			
Voltage		600 V	600 V	1,000 V	1,000 V			
AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	OD inches		
30	.0394	1.7	.0612	2.5	.0632	2.5	.0630	3.4
28	.0433	2.2	.0551	3.1	.0551	3.1	.0669	4.1
26	.0472	2.8	.0591	3.8	.0591	3.8	.0709	4.9
24	.0531	3.9	.0650	4.9	.0650	4.9	.0748	5.9
22	.0571	5.5	.0728	7.0	.0709	6.8	.0807	7.8
20	.0669	8.6	.0787	9.9	.0787	9.9	.0906	11.4
18	.0787	13.1	.0886	14.3	.0886	14.3	.1004	15.9
16	.0866	18.0	.0984	19.6	.0984	19.6	.1102	21.4
14	.1024	29.1	.1181	31.6	.1181	31.6	.1260	33.0
12	.1220	43.7	.1339	45.9	.1339	45.9	.1417	47.5
10	.1575	68.1	.1575	68.1	.1575	68.1	.1693	70.9
8	.2047	116	.2087	118	.2205	121		
6	.2480	182	.2677	189	.2677	189		
4	.2913	305	.3150	316	.3150	316		
2	.3661	478	.3622	476	.3622	476		
1	.4213	654	.4409	667	.4409	667		
1/0	.4606	810	.4921	832	.4921	832		
2/0	.5039	1,012	.5512	1,049	.5512	1,049		
3/0	.5669	1,254	.5984	1,280	.5984	1,280		
4/0	.6299	1,538	.6614	1,568	.6614	1,568		

Flame ratings	UL	Horizontal	Horizontal	Horizontal	Horizontal
	CSA	FT1 / FT2	FT1 / FT2	FT1 / FT2	FT1 / FT2



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# SILIFLON® 250°C

## Fluoropolymer insulated wires - AWM

**Construction**

1- 30 AWG – 4/0 AWG, stranded or solid, nickel plated copper core (class 27 nickel plated or pure nickel on request).  
2- Extruded PFA fluoropolymer.



**Ratings – Approvals**

AWM 250°C – 150 V / 300 V / 600 V / 1,000 V or VNS (Voltage Not Specified)  
**Compliance UL file E101965**  
RoHS Compliant

**Other characteristics**

Color coding = single color  
Surface marking  
Use: Appliance wiring material, wiring of electronic equipments

**Options**

MFA Insulated styles on request

UL	1933	1882	10486	1726				
CSA / cUL	AWM I A/B	AWM I A/B	AWM I A/B	AWM I A/B				
Insulation	Thin-wall PFA	PFA	PFA	PFA				
Voltage	VNS	150 V	300 V	300 V				
AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
30	.0236	.9	.0315	1.3	.0295	1.2	.0374	1.6
28	.0276	1.4	.0354	1.8	.0335	1.7	.0413	2.1
26	.0315	1.9	.0394	2.3	.0374	2.2	.0453	2.7
24	.0354	2.7	.0433	3.2	.0433	3.2	.0512	3.7
22	.0413	4.3	.0492	4.8	.0472	4.7	.0571	5.5
20	.0512	7.3	.0591	7.9	.0591	7.9	.0650	8.4
18			.0709	12.2	.0689	12.0	.0748	12.6
16			.0787	17.0	.0787	17.0	.0866	18.0
14					.0906	27.4	.1024	29.1
12					.1102	41.7	.1260	44.4
10					.1417	64.6	.1535	67.2
8					.2047	116	.2047	116
6					.2480	182	.2480	182
4					.3150	316	.3150	316
2					.3780	484	.3780	484
1					.4409	667	.4409	667
1/0					.4921	832	.4921	832
2/0					.5512	1,049	.5512	1,049
3/0					.5984	1,280	.5984	1,280
4/0					.6614	1,568	.6614	1,568
Flame ratings	UL	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
	CSA	FT1 / FT2	FT1 / FT2	FT1 / FT2	FT1 / FT2	FT1 / FT2	FT1 / FT2	FT1 / FT2



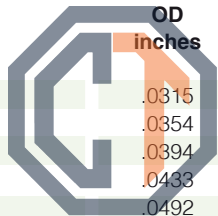
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	UL	10362	1727	10371		
	CSA / cUL	AWM I A/B	AWM I A/B	AWM I A/B		
	Insulation	Thin-wall PFA	PFA	Thin-wall PFA		
	Voltage	600 V	600 V	1,000 V		
AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
30	.0315	1.3	.0512	2.5	.0512	2.5
28	.0354	1.8	.0512	3.1	.0551	3.1
26	.0394	2.3	.0551	3.8	.0591	3.8
24	.0433	3.2	.0591	4.9	.0650	4.9
22	.0492	4.8	.0650	6.8	.0709	6.8
20	.0591	7.9	.0709	9.9	.0787	9.9
18	.0709	12.2	.0787	14.0	.0866	14.0
16	.0787	17.0	.0866	19.3	.0965	19.3
14	.0945	28.0	.0965	30.6	.1102	30.3
12	.1142	42.3	.1122	45.9	.1339	45.9
10	.1417	64.6	.1339	69.9	.1654	69.9
8	.2283	124	.1654	123	.2244	123
6	.2677	189	.2244	189	.2677	189
4	.3150	316	.2677	316	.3150	316
2	.3780	484	.3150	484	.3780	484
1	.4409	667	.3780	667	.4409	667
1/0	.4921	832	.4409	832	.4921	832
2/0	.5512	1,049	.4921	1,049	.5512	1,049
3/0	.5984	1,280	.5512	1,280	.5984	1,280
4/0	.6614	1,568	.5984	1,568	.6614	1,568
Flame ratings	UL	Horizontal	Horizontal	Horizontal		
	CSA	FT1 / FT2	FT1 / FT2	FT1 / FT2		



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# SILIFLON® Style 10935

**Class F Fluoropolymer insulated wires with reinforcing braid- AWM**

**Construction**

- 1- 24 AWG – 4/0 AWG, stranded or solid tin plated or bare copper.
- 2- Extruded ETFE.
- 3- Lacquered synthetic braid.



**Ratings – Approvals**

AWM 150°C – 600 V

**Compliance UL file E101965**

– Style 10935

**Compliance CSA C22.2 N°125**

- TYPE CL1505

RoHS Compliant

**Other characteristics**

Color coding = single color, or color stripes

Marking on the extruded layer

Use: Appliance wiring material, hermetically sealed motors.



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	CORE	SOLID CORE	STRANDED CORE	
AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
24	.0453	3.1	.0472	3.2
22	.0472	4.5	.0512	4.8
20	.0571	7.5	.0630	7.9
18	.0630	11.2	.0689	11.7
16	.0787	16.6	.0866	17.4
14	.0906	27.1	.0984	28.0
12			.1260	43.4
10			.1535	65.8
8			.2047	114
6			.2677	185
4			.3189	313
2			.3819	481
1			.4449	661
1/0			.4882	820
2/0			.5315	1,024
3/0			.5945	1,266
4/0			.6575	1,550

Flame ratings	UL	Horizontal	Horizontal
	CSA	FT2	FT2



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# SILIFLON® Style 10506

## Wrapped PTFE insulated wires - AWM

**Construction**

1- 30 AWG – 12 AWG, stranded nickel plated copper core  
2- Wrapped and sintered PTFE tape(s)



**Ratings – Approvals**

AWM 250°C – 600 V  
**Compliance UL file E101965**  
RoHS Compliant

**Other characteristics**

Color coding = single color  
Surface marking  
Use: Appliance wiring material, electronic equipment.

<b>UL</b>	<b>10506</b>
<b>CSA / cUL</b>	<b>AWM I A/B</b>
<b>Voltage</b>	<b>600 V</b>



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AWG Size	OD inches	Weight Lbs/mft
30	.0260	1.0
28	.0299	1.5
26	.0339	2.1
24	.0390	2.9
22	.0457	4.6
20	.0543	7.5
18	.0669	11.9
16	.0772	16.9
14	.0917	27.6
12	.1173	42.9

<b>Flame ratings</b>	<b>UL</b>	<b>Horizontal</b>
	<b>CSA</b>	<b>FT1 / FT2</b>

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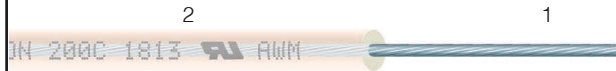
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# SILIFLON® HT

## Fluoropolymers insulated Ignition wires - AWM

**Construction**

1- 30 AWG – 10 AWG, stranded or solid, tin, silver, nickel plated or bare copper  
 2- Extruded fluoropolymer insulation



**Ratings – Approvals**

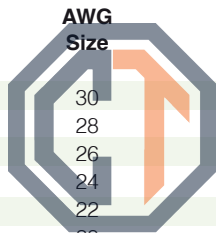
AWM 150°C / 200°C – 3 KV AC / 10 KV DC / 20 KV DC

**Compliance UL file E101965**  
 RoHS Compliant

**Other characteristics**

Color coding = single color  
 Surface marking  
 Use: Appliance wiring material, wiring of electronic equipments

UL	10185-E150	1911-F150	1813
CSA / cUL	AWM I A/B	AWM I A/B	AWM I A/B
Voltage	10,000 V DC	20,000 V DC	3,000 V AC



AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
30					.0630	3.4
28					.0669	4.1
26					.0709	4.9
24	.0551	3.7	.0630	4.7	.0748	5.9
22	.0591	5.3	.0689	6.6	.0807	7.8
20	.0669	8.2	.0787	9.9	.0906	11.4
18	.0787	12.6	.0866	14.0	.1004	15.9
16	.0866	17.4	.0984	19.6	.1102	21.4
14	.1024	28.5	.1142	31.0	.1240	32.7
12	.1220	42.9	.1319	45.5	.1437	47.9
10	.1496	65.1	.1575	68.1	.1693	70.9

Flame ratings	UL	Horizontal	Horizontal	Horizontal
	CSA	FT1 / FT2	FT1 / FT2	FT1 / FT2



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UL	10185-E200	1911-F250
CSA / cUL	AWM I A/B	
Voltage	10,000 V DC	20,000 V DC

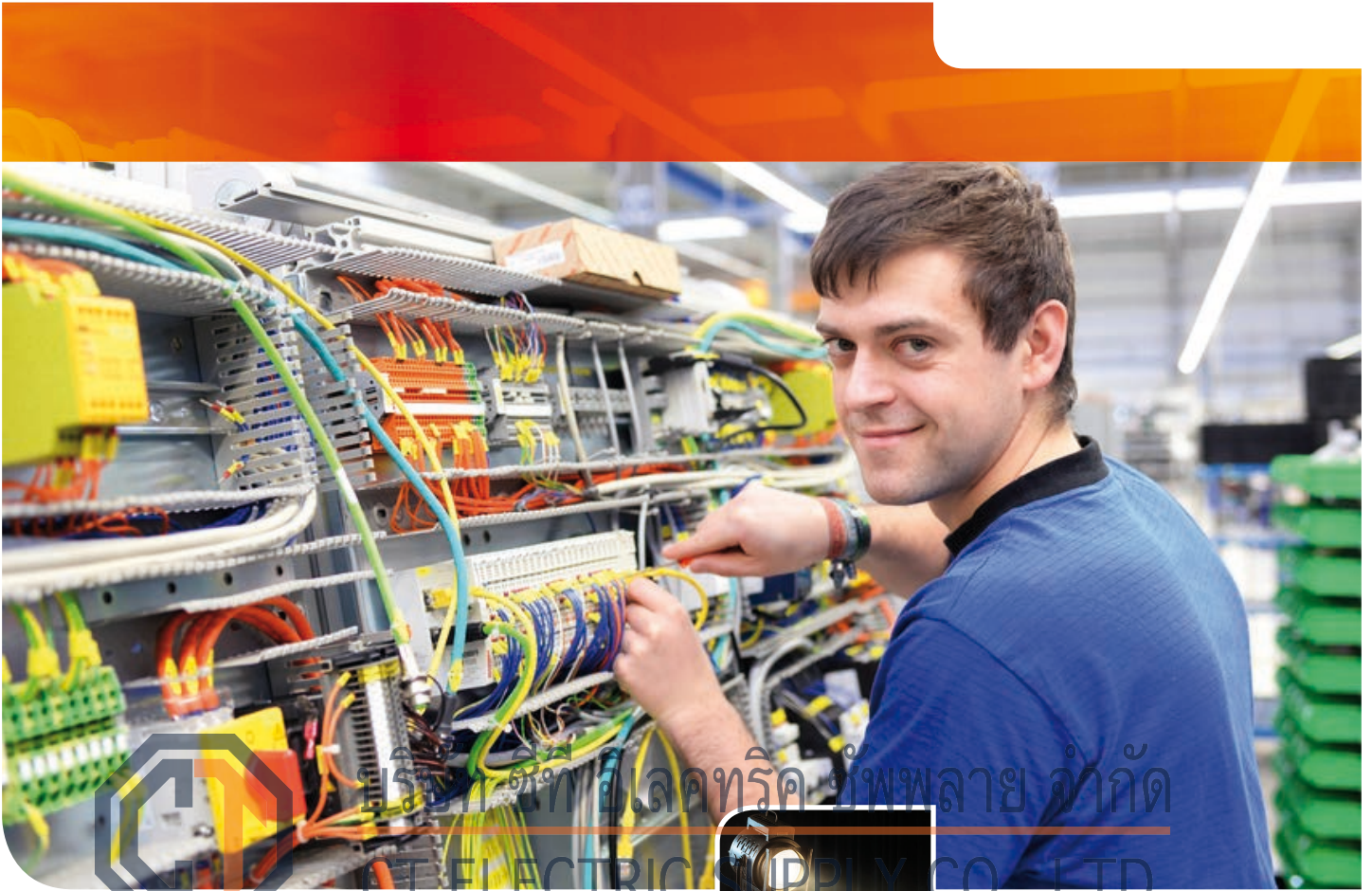
AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
30				
28				
26				
24				
22	.0551	3.7	.0709	5.5
20	.0591	5.3	.0768	7.4
18	.0669	8.2	.0846	10.6
16	.0787	12.6	.0984	15.6
14	.0866	17.4	.1063	20.7
12	.1024	28.5	.1181	31.6
10	.1220	42.9	.1417	47.5
	.1496	65.1	.1673	70.4



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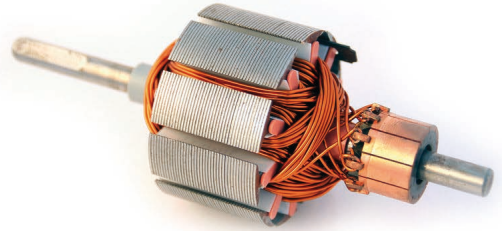
Flame ratings	UL	Horizontal	Horizontal
	CSA	FT1 / FT2	

Not CSA Certified / cUL recognized



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# SILIFLON® 150°C

## Fluoropolymer insulated and sheathed multi-core cables - AWM

**Construction**

- 1- Fluoropolymer insulated singles
- 2- Extruded fluoropolymer outer sheath



**Ratings – Approvals**

AWM 150°C – 300 V / 600 V  
**Compliance UL/cUL file E101965**  
 RoHS Compliant

**Other characteristics**

Color coding = Insulated singles as per NEC NFPA 70  
 Outer sheath standard color: White  
 Surface marking  
 Use: Appliance wiring material: Internal wiring (AWM I A/B), Internal wiring, not subject to mechanical abuse (AWM I A) or External interconnection (AWM II A/B)  
**Optional shield:** Consult us.

UL		20221-E150	20905-E150	20222-E150			
CSA / cUL		AWM I A/B	AWM II A/B	AWM I A/B			
Insulation		Thin-wall ETFE	Thin-wall ETFE	Thin-wall ETFE			
Voltage		300 V	300 V	600 V			
Nb of Singles*	AWG Size *	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
2	26	.0787	5.0	.0984	7.1	.1142	8.8
3	26	.0827	6.1	.1024	8.3	.1181	10.1
4	26	.0906	7.5	.1102	10.0	.1299	12.3
5	26	.1024	9.4	.1181	11.6	.1417	14.5
2	24	.0906	6.8	.1102	9.3	.1220	10.6
3	24	.0945	8.4	.1181	11.4	.1260	12.2
4	24	.1102	11.2	.1260	13.5	.1378	14.9
5	24	.1181	13.1	.1378	16.2	.1535	18.2
2	22	.1063	10.2	.1220	12.4	.1339	13.9
3	22	.1142	13.2	.1299	15.5	.1417	17.0
4	22	.1220	15.9	.1417	19.1	.1535	20.6
5	22	.1339	19.2	.1535	22.7	.1693	24.9
2	20	.1260	15.6	.1417	18.2	.1496	19.2
3	20	.1339	20.1	.1496	22.9	.1575	23.9
4	20	.1535	26.5	.1654	28.8	.1732	29.9
5	20	.1693	32.2	.1772	33.9	.1929	36.6
2	18	.1535	24.0	.1614	25.5	.1732	27.4
3	18	.1614	30.8	.1732	33.2	.1850	35.2
4	18	.1772	38.8	.1890	41.5	.2008	43.4
5	18	.1969	47.6	.2047	49.5	.2244	53.4
2	16	.1811	33.9	.1890	35.7	.1890	35.5
3	16	.1929	44.4	.2008	46.3	.2008	46.0
4	16	.2126	56.2	.2205	58.3	.2205	57.8
5	16	.2402	70.0	.2441	71.2	.2520	73.0
2	14	.2087	51.2	.2165	53.2	.2205	53.8
3	14	.2244	68.7	.2323	70.9	.2441	73.9
4	14	.2520	89.0	.2520	89.0	.2677	93.3
5	14	.2795	109	.2795	109	.2953	114
Flame ratings	UL	Horizontal		Cable flame		Horizontal	
	CSA	FT1 / FT2		FT1 / FT2		FT1 / FT2	

\* : other number of singles and AWG sizes on request

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# SILIFLON® 200°C

**Fluoropolymer insulated or sheathed multi-core cables - AWM**

**Construction**

- 1- Fluoropolymer insulated singles
- 2- Extruded fluoropolymer outer sheath



UL		20711-F200		20711-F200		2749-F200		2749-F200	
CSA / cUL		AWM I A/B		AWM I A/B		AWM I A/B		AWM I A/B	
Insulation		Thin-wall ETFE		FEP		Thin-wall ETFE		FEP	
Voltage		300 V		300 V		300 V		300 V	
Nb of Singles*	AWG Size *	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
2	26	.0827	6.0	.0984	7.8	.1024	8.7	.1181	10.9
3	26	.0866	7.1	.1102	10.2	.1063	9.9	.1260	13.0
4	26	.0945	8.7	.1181	11.9	.1142	11.7	.1339	14.8
5	26	.1063	10.8	.1299	14.2	.1220	13.4	.1457	17.4
2	24	.0906	7.6	.1102	10.2	.1102	10.5	.1260	12.9
3	24	.0945	9.1	.1181	12.5	.1142	12.1	.1339	15.4
4	24	.1063	11.7	.1299	15.2	.1220	14.3	.1457	18.4
5	24	.1181	14.2	.1417	18.0	.1339	17.1	.1575	21.4
2	22	.1063	11.2	.1220	13.5	.1220	13.9	.1378	16.5
3	22	.1102	13.6	.1299	16.7	.1260	16.3	.1457	19.8
4	22	.1220	17.1	.1496	22.0	.1378	20.1	.1575	23.8
5	22	.1339	20.5	.1654	26.5	.1496	23.8	.1732	28.5
2	20	.1260	16.9	.1417	19.6	.1417	20.0	.1575	23.0
3	20	.1339	21.5	.1575	26.1	.1496	24.8	.1693	28.9
4	20	.1535	28.3	.1732	32.3	.1614	30.1	.1811	34.4
5	20	.1693	34.3	.1929	39.5	.1772	36.3	.2008	41.8
2	18	.1535	26.0	.1654	28.3	.1614	27.8	.1732	30.3
3	18	.1614	32.7	.1772	36.2	.1693	34.7	.1850	38.3
4	18	.1772	41.0	.1929	44.6	.1850	43.1	.2008	46.9
5	18	.1929	49.0	.2126	53.9	.2047	52.5	.2205	56.4
2	16	.1811	36.6	.1890	38.5	.1890	38.8	.1969	40.7
3	16	.1929	47.1	.2008	49.0	.2008	49.4	.2087	51.4
4	16	.2087	58.0	.2205	61.2	.2165	60.5	.2283	63.8
5	16	.2402	73.8	.2520	77.3	.2402	73.8	.2520	77.3
2	14	.2087	54.4	.2205	57.6	.2165	56.8	.2283	60.2
3	14	.2205	70.7	.2441	78.1	.2283	73.3	.2441	78.1
4	14	.2520	92.8	.2677	97.9	.2520	92.8	.2677	97.9
5	14	.2756	112	.2953	119	.2756	112	.2953	119
Flame ratings	UL	Horizontal		Horizontal		Horizontal		Horizontal	
	CSA	FT1 / FT2		FT1 / FT2		FT1 / FT2		FT1 / FT2	

Not CSA Certified / cUL recognized \* : other number of singles and AWG sizes on request



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**Other characteristics**  
 Color coding = Insulated singles as per NEC NFPA 70  
 Outer sheath standard color: White  
 Surface marking

**Ratings – Approvals**  
 AWM 200°C – 300 V / 600 V  
**Compliance UL/cUL file E101965**  
 RoHS Compliant

Use: Appliance wiring material: Internal wiring (AWM I A/B), Internal wiring, not subject to mechanical abuse (AWM I A) or External interconnection (AWM II A/B)

**Optional shield:** Consult us.

UL		20710-F200		20710-F200		2750-F200		2750-F200	
CSA / cUL		AWM I A/B		AWM I A/B		AWM I A/B		AWM I A/B	
Insulation		Thin-wall ETFE		FEP		Thin-wall ETFE		FEP	
Voltage		600 V		600 V		600 V		600 V	
Nb of Singles*	AWG Size *	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
2	26	.1024	8.4	.1181	10.6	.1181	10.9	.1339	13.5
3	26	.1063	9.6	.1260	12.6	.1220	12.2	.1417	15.7
4	26	.1181	11.9	.1378	15.0	.1339	14.8	.1535	18.4
5	26	.1299	14.2	.1575	19.1	.1457	17.4	.1693	22.0
2	24	.1102	10.2	.1299	13.2	.1260	12.9	.1457	16.4
3	24	.1142	11.8	.1378	15.6	.1299	14.6	.1535	19.0
4	24	.1260	14.5	.1614	20.2	.1417	17.6	.1693	23.1
5	24	.1378	17.1	.1732	24.1	.1535	20.5	.1850	27.2
2	22	.1220	13.5	.1378	16.1	.1378	16.5	.1535	19.4
3	22	.1299	16.7	.1535	21.1	.1457	19.8	.1654	23.9
4	22	.1496	22.0	.1693	25.9	.1575	23.8	.1772	27.9
5	22	.1614	25.6	.1850	30.6	.1693	27.5	.1929	32.8
2	20	.1417	19.6	.1654	24.4	.1575	23.0	.1732	26.4
3	20	.1575	26.1	.1772	30.3	.1654	27.9	.1850	32.4
4	20	.1732	32.3	.1929	36.8	.1811	34.4	.2008	39.0
5	20	.1890	38.4	.2126	44.1	.1969	40.6	.2205	46.6
2	18	.1732	30.0	.1890	33.6	.1811	32.1	.1969	35.8
3	18	.1811	36.9	.2008	41.8	.1929	40.2	.2087	44.1
4	18	.2008	46.5	.2205	51.6	.2087	48.8	.2283	54.2
5	18	.2205	55.8	.2520	65.2	.2283	58.4	.2520	65.2
2	16	.1890	38.5	.2047	42.4	.1969	40.7	.2126	44.8
3	16	.2008	49.0	.2205	54.4	.2087	51.4	.2283	57.0
4	16	.2205	61.2	.2480	69.6	.2283	63.8	.2480	69.6
5	16	.2520	77.3	.2717	83.3	.2520	77.3	.2756	84.9
2	14	.2205	57.6	.2441	64.9	.2283	60.2	.2441	64.9
3	14	.2402	76.7	.2598	83.1	.2441	78.1	.2598	83.1
4	14	.2638	96.4	.2874	105	.2677	97.9	.2874	105
5	14	.2913	117	.3228	129	.2953	119	.3228	129
Flame ratings	UL	Cable flame		Cable flame		Horizontal		Horizontal	
	CSA	FT1 / FT2		FT1 / FT2		FT1 / FT2		FT1 / FT2	

\* : other number of singles and AWG sizes on request

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# SILICABLE® 80°C

## PVC insulated wires - AWM

**Construction**

1- 30 AWG – 4/0 AWG, stranded or solid tin plated or bare copper  
(Other material available on request)  
2- Extruded PVC insulation



**Ratings – Approvals**

AWM 80°C – 300 V / 600 V / 1,000 V

**Compliance UL/cUL file E101965**

RoHS Compliant

**Other characteristics**

Color coding = single color, or 2-colors

Surface marking

Use: Appliance wiring material, electronic equipment

UL	1007	1497	1581	10053
CSA / cUL				
Voltage	300 V	300 V	300 V	300 V

AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
30	.0433	1.5					.0571	2.1
28	.0458	1.9					.0591	2.6
26	.0492	2.4	.0512	2.5			.0630	3.2
24	.0551	3.4	.0571	3.5			.0689	4.2
22	.0591	4.9	.0630	5.2			.0748	5.9
20	.0689	8.0	.0799	8.1			.0827	9.0
18	.0787	12.1	.0807	12.2			.0925	13.2
16	.0906	17.2	.0906	17.2			.1024	18.3
14					.1063	28.2	.1181	29.5
12					.1260	42.5	.1378	44.0
10					.1496	63.9	.1614	65.7
8								
6								
4								
2								
1								
1/0								
2/0								
3/0								
4/0								
Flame ratings	UL	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
	CSA							

Not CSA Certified / cUL recognized



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	UL	1011	10381	1030		
	CSA / cUL	AWM I A/B		AWM I A/B		
	Voltage	600 V	600 V	1,000 V		
AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
30	.0728	3.1	.0512	1.8	.0728	3.1
28	.0748	3.6	.0551	2.4	.0748	3.6
26	.0827	4.5	.0591	2.9	.0827	4.5
24	.0866	5.5	.0650	3.9	.0866	5.5
22	.0906	7.2	.0709	5.7	.0906	7.2
20	.1024	10.7	.0886	9.5	.1024	10.7
18	.1102	14.9	.1004	13.9	.1102	14.9
16	.1181	20.0	.1142	19.5	.1181	20.0
14	.1358	31.6	.1299	30.9	.1358	31.6
12	.1535	46.2	.1476	45.3	.1535	46.2
10	.1772	68.2	.1732	67.5	.1772	68.2
8	.2441	120	.2165	114		
6	.3228	196	.2717	181		
4	.3780	327	.3504	318		
2	.4331	495	.4134	487		
1	.5118	684	.4882	673		
1/0	.5748	855	.5315	833		
2/0	.6378	1,075	.5748	1,039		
3/0	.6929	1,315	.6378	1,280		
4/0	.7520	1,600	.7520	1,600		
Flame ratings	UL	Horizontal	Horizontal	Horizontal		
	CSA	FT1		FT1		

Not CSA Certified / cUL recognized

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 โทร 02 520 9535

# SILICABLE® 105°C

## PVC insulated wires - AWM

**Construction**

1- 30 AWG – 4/0 AWG, stranded or solid tin plated or bare copper  
(Other material available on request)  
2- Extruded PVC insulation



**Ratings – Approvals**

AWM 105°C – 300 V / 600 V / 1,000 V

**Compliance UL/cUL file E101965**

RoHS Compliant

**Other characteristics**

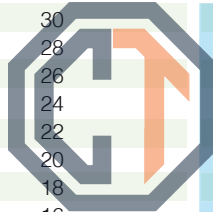
Color coding = single color, or 2-colors

Surface marking

Use: Appliance wiring material, electronic equipment

UL	1569	10198	1896	10012
CSA / cUL			AWM I A/B	
Voltage	300 V	300 V	300 V	600 V

AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
30	.0433	1.5	.0433	1.5	.0512	1.8	.0512	1.8
28	.0458	1.9	.0458	1.9	.0551	2.4	.0551	2.4
26	.0472	2.3	.0492	2.4	.0591	2.9	.0591	2.9
24	.0551	3.4	.0551	3.4	.0945	6.2	.0650	3.9
22	.0630	5.2	.0591	4.9	.1004	8.1	.0709	5.7
20	.0709	8.1	.0689	8.0	.1083	11.3	.0787	8.7
18	.0807	12.2	.0787	12.1	.1220	16.2	.0886	12.9
16	.0906	17.2	.0906	17.2	.1339	21.9	.0984	17.9
14	.1063	28.2	.1142	29.1	.1457	33.0	.1142	29.1
12	.1260	42.5	.1339	43.5	.1693	48.6	.1339	43.5
10	.1496	63.9	.1575	65.1	.1929	71.0	.1575	65.1
8	.2165	114	.2165	114	.2283	116	.2165	114
6	.2717	181	.2717	181	.2795	183	.2992	189
4	.3189	308	.3189	308	.3307	311	.3504	318
2	.3819	475	.3819	475	.3937	479	.4134	487
1			.4488	655	.4409	652	.4882	673
1/0			.4921	813	.4803	808	.5315	833
2/0			.5551	1,028	.5236	1,012	.5748	1,039
3/0			.6181	1,268	.5866	1,250	.6378	1,280
4/0			.6811	1,552	.6496	1,532		



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Flame ratings	UL	Horizontal	Horizontal	Horizontal	Horizontal
	CSA			FT1	

Not CSA Certified / cUL recognized



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	UL	1015 / 1283	1897	10271	10269			
	CSA / cUL	AWM I A/B	AWM I A/B		AWM I A/B			
	Voltage	600 V	600 V	1,000 V	1,000 V			
AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
30	.0728	3.1	.0906	5.2	.0512	1.8	.0728	3.1
28	.0748	3.6	.0945	6.2	.0551	2.4	.0748	3.6
26	.0827	4.5	.1004	8.1	.0591	2.9	.0827	4.5
24	.0866	5.5	.1083	11.8	.0650	3.9	.0866	5.5
22	.0906	7.2	.1260	16.7	.0689	5.5	.0906	7.2
20	.1024	10.7	.1339	21.9	.0797	8.7	.1024	10.3
18	.1102	14.9	.1457	33.0	.0906	13.0	.1102	14.9
16	.1181	20.0	.1732	49.3	.0984	17.9	.1220	20.4
14	.1358	31.6	.1929	71.0	.1142	29.1	.1378	31.9
12	.1535	46.2	.2283	116	.1339	43.5	.1535	46.2
10	.1772	68.2	.2795	183	.1575	65.1	.1772	68.2
8	.2441	120	.3307	311	.2165	114	.2441	120
6	.3228	196	.3937	479	.2992	189	.3228	196
4	.3780	327	.4409	652	.3504	318	.3780	327
2	.4370	496	.5236	1,012	.4134	487	.4370	496
1	.5118	684	.5866	1,250	.4882	673	.5118	684
1/0	.5748	855	.6496	1,532	.5315	833	.5748	855
2/0	.6378	1,075			.5748	1,039	.6378	1,075
3/0	.6929	1,315			.6378	1,280	.6929	1,315
4/0	.7520	1,600					.7520	1,600

Flame ratings	UL	Horizontal	Horizontal	Horizontal	Horizontal
	CSA	FT1	FT1	FT1	FT1

Not CSA Certified / cUL recognized

# SILICABLE® Style 1015-HAR

## AWM - Tri-rated PVC insulated lead wire

### Construction

- 1- 0.5 – 50 sq.mm, stranded tin plated or bare copper core.
- 2- Extruded PVC insulation.

### Ratings – Approvals

UL: AWM – 105°C – 600 V (cUL 1,000 V)  
 <HAR>: 90°C – 300/500 V or 450/750 V  
 European Harmonized Standards <HAR>  
**Compliance UL file E101965**  
 RoHS Compliant

### Other characteristics

Color coding = single color  
 Surface marking  
 Use: Appliance wiring material, wiring of appliances for both US and European Market.



UL	1015	1015
CSA / cUL	AWM I A/B	AWM I A/B
<HAR> Voltage	H05V2-K (300 V / 500 V)	H07V2-K (450 V / 750 V)



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cross section sq.mm	closest AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
0.5	20	.0965	6.65		
0.75	19	.1043	8.47		
1	17	.1102	10.15		
1.5	16			.1220	13.51
2.5	13			.1417	20.23
4	11			.1693	31.45
6	9			.1890	43.82
10	7			.2598	78.63
16	5			.3031	112
25	4			.3937	184
35	2			.4370	241

Flame ratings	UL	Horizontal	Horizontal
	CSA	FT1	FT1

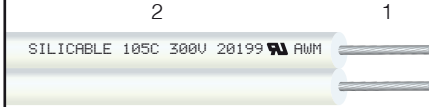
Not CSA Certified / cUL recognized

# SILICABLE® Style 20199

## AWM - Twin PVC insulated cable 105°C

**Construction**

- 1- 24 AWG – 20 AWG, stranded tin plated or bare copper core
- 2- Extruded Twin PVC insulation



**Ratings – Approvals**

AWM 105°C – 300 V  
**Compliance UL file E101965**  
 RoHS Compliant

**Other characteristics**

Color coding = single color, or 2-colors  
 Surface marking  
 Use: Appliance wiring material

UL	20199
CSA / cUL	
Voltage	300 V



AWG Size	Overall dimensions inches	Weight Lbs/mft
2 x 24	.0551 x .118	5.0
2 x 22	.0590 x .126	6.5
2 x 20	.0669 x .142	10.5

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Flame ratings	UL VW1 CSA	โทร : 02 550 9555
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# SILICABLE® 80°C

## PVC insulated and sheathed multi-core cables - AWM

### Construction

- 1- PVC insulated singles
- 2- Extruded PVC outer sheath



### Ratings – Approvals

AWM 80°C – 300 V / 600 V / 1,000 V

Compliance **UL/cUL file E101965**

RoHS Compliant

### Other characteristics

Color coding = Insulated singles as per NEC NFPA 70

Outer sheath standard color: Black or White

Surface marking

Use: Appliance wiring material: Internal wiring (AWM I A/B), Internal wiring, not subject to mechanical abuse (AWM I A) or External interconnection (AWM II A/B)

**Optional shield:** Consult us.



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		UL	2464-Y80	2570-Y80	
		CSA / cUL		AWM II A/B	
		Voltage	300 V	600 V or 1,000 V	
Nb of Singles*	AWG Size *	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
2	26	.1575	12.1	.2244	22.4
3	26	.1654	14.0	.2402	26.4
4	26	.1772	16.3	.2598	30.7
5	26	.1929	19.2	.2835	35.8
2	24	.1693	14.4	.2323	24.6
3	24	.1772	16.8	.2480	29.1
4	24	.1929	20.3	.2677	34.0
5	24	.2087	23.7	.2953	40.5
2	22	.1772	17.3	.2402	27.9
3	22	.1890	21.3	.2559	33.3
4	22	.2008	25.0	.2795	40.1
5	22	.2205	30.1	.3031	46.6
2	20	.1969	23.4	.2638	35.7
3	20	.2087	29.1	.2795	43.1
4	20	.2244	35.2	.3071	52.7
5	20	.2441	42.0	.3346	62.0
2	18	.2165	31.0	.2795	43.5
3	18	.2283	39.1	.2992	54.2
4	18	.2480	48.4	.3268	66.3
5	18	.2717	58.4	.3583	79.2
2	16	.2402	40.7	.2953	52.5
3	16	.2559	52.6	.3150	66.1
4	16	.2795	65.8	.3465	82.3
5	16	.3031	78.7	.3780	98.0
2	14	.2717	59.3	.3307	73.5
3	14	.2913	78.8	.3543	95.1
4	14	.3150	98.4	.3858	118
5	14	.3465	120	.4252	143
Flame ratings	UL	Cable flame		Cable flame	
	CSA			FT1	

Not CSA Certified / cUL recognized

\* : other number of singles and AWG sizes on request



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# SILICABLE® 90°C

## PVC insulated and sheathed multi-core cables - AWM

**Construction**  
 1- PVC insulated singles  
 2- Extruded PVC outer sheath



**Ratings – Approvals**  
 AWM 90°C – 300 V / 600 V  
**Compliance UL/cUL file E101965**  
 RoHS Compliant

**Other characteristics**

Color coding = Insulated singles as per NEC NFPA 70  
 Outer sheath standard color: Black or White  
 Surface marking  
 Use: Appliance wiring material: Internal wiring (AWM I A/B), Internal wiring, not subject to mechanical abuse (AWM I A) or External interconnection (AWM II A/B)  
**Optional shield:** Consult us.



UL		2654-Y90	2587-Y90		
CSA / cUL		AWM II A/B			
Voltage		300 V	600 V		
Nb of Singles*	AWG Size *	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
2	26	.1535	11.6	.2244	22.4
3	26	.1614	13.5	.2402	26.4
4	26	.1732	15.8	.2598	30.7
5	26	.1890	18.7	.2835	35.8
2	24	.1693	14.4	.2323	24.6
3	24	.1772	16.8	.2480	29.1
4	24	.1929	20.3	.2677	34.0
5	24	.2087	23.7	.2953	40.5
2	22	.1850	18.5	.2402	27.9
3	22	.1969	22.5	.2559	33.3
4	22	.2126	27.0	.2795	40.1
5	22	.2283	31.4	.3031	46.6
2	20	.2008	24.0	.2638	35.7
3	20	.2126	29.8	.2795	43.1
4	20	.2323	36.7	.3071	52.7
5	20	.2520	43.6	.3346	62.0
2	18	.2205	31.7	.2795	43.5
3	18	.2323	39.8	.2992	54.2
4	18	.2559	50.0	.3268	66.3
5	18	.2795	60.1	.3583	79.2
2	16	.2402	40.7	.2953	52.5
3	16	.2559	52.6	.3150	66.1
4	16	.2795	65.8	.3465	82.3
5	16	.3031	78.7	.3780	98.0
2	14	.2717	59.3	.3307	73.5
3	14	.2913	78.8	.3543	95.1
4	14	.3150	98.4	.3858	118
5	14	.3465	120	.4252	143
Flame ratings	UL	Cable flame		Cable flame	
	CSA			FT1	

Not CSA Certified / cUL recognized

\* : other number of singles and AWG sizes on request

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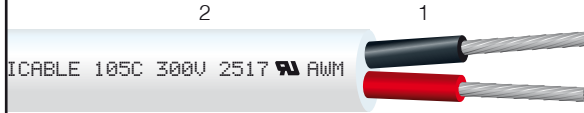
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# SILICABLE® 105°C

## PVC insulated and sheathed multi-core cables - AWM

**Construction**

- 1- PVC insulated singles
- 2- Extruded PVC outer sheath



**Ratings – Approvals**

AWM 80°C – 300 V / 600 V / 1,000 V  
**Compliance UL/cUL file E101965**  
RoHS Compliant

**Other characteristics**

Color coding = Insulated singles as per NEC NFPA 70  
Outer sheath standard color: Black or White

**Surface marking**

Use: Appliance wiring material: Internal wiring (AWM I A/B), Internal wiring, not subject to mechanical abuse (AWM I A) or External interconnection (AWM II A/B)

**Optional shield:** Consult us.

UL		2517-Y105	2586-Y105	2586-Y105			
CSA / cUL			AWM II A/B	AWM II A/B			
Voltage		300 V	600 V	1,000 V			
Nb of Singles*	AWG Size *	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
2	26	.1535	11.6	.2244	22.4	.2244	22.4
3	26	.1614	13.5	.2402	26.4	.2402	26.4
4	26	.1732	15.8	.2598	30.7	.2598	30.7
5	26	.1890	18.7	.2835	35.8	.2835	35.8
2	24	.1693	14.4	.2323	24.6	.2323	24.6
3	24	.1772	16.8	.2480	29.1	.2480	29.1
4	24	.1929	20.3	.2677	34.0	.2677	34.0
5	24	.2087	23.7	.2953	40.5	.2953	40.5
2	22	.1850	18.5	.2402	27.9	.2402	27.9
3	22	.1969	22.5	.2559	33.3	.2559	33.3
4	22	.2126	27.0	.2795	40.1	.2795	40.1
5	22	.2283	31.4	.3031	46.6	.3031	46.6
2	20	.2008	24.0	.2638	35.7	.2638	35.7
3	20	.2126	29.8	.2795	43.1	.2795	43.1
4	20	.2323	36.7	.3071	52.7	.3071	52.7
5	20	.2520	43.6	.3346	62.0	.3346	62.0
2	18	.2205	31.7	.2795	43.5	.2795	43.5
3	18	.2323	39.8	.2992	54.2	.2992	54.2
4	18	.2559	50.0	.3268	66.3	.3268	66.3
5	18	.2795	60.1	.3583	79.2	.3583	79.2
2	16	.2402	40.7	.2953	52.5	.3031	54.3
3	16	.2559	52.6	.3150	66.1	.3228	68.1
4	16	.2795	65.8	.3465	82.3	.3543	84.4
5	16	.3031	78.7	.3780	98.0	.3898	101
2	14	.2717	59.3	.3307	73.5	.3346	74.5
3	14	.2913	78.8	.3543	95.1	.3583	96.2
4	14	.3150	98.4	.3858	118	.3937	120
5	14	.3465	120	.4252	143	.4331	145
Flame ratings	UL	Cable flame		Cable flame		Cable flame	
	CSA			FT1		FT1	

Not CSA Certified / cUL recognized \* : other number of singles and AWG sizes on request



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# SILICABLE® Style 5170

AWM - 125°C lead wire within hermetically sealed motors

**Construction**

- 1- 22 AWG – 4 AWG, stranded (30-38 AWG strands) bare copper core
- 2- Synthetic braid
- 3- Polyethylene terephthalate tape.



**Ratings – Approvals**

AWM 125°C – 600 V  
**Compliance UL file E101965**  
 RoHS Compliant

**Other characteristics**

Color coding = single color, or color stripes  
 Use: lead wire within hermetically sealed motors.

UL	5170
CSA / cUL	AWM I/II A
Voltage	600 V

AWG Size	OD inches	Weight Lbs/mft
22	.0591	2.3
20	.0669	4.0
18	.0748	6.5
16	.0906	9.9
14	.1063	14.2
12	.1299	22.2
10	.1535	34.9
8	.1890	56.0
6	.2362	89.4
4	.2953	141

Flame ratings	UL	
	CSA	FT2



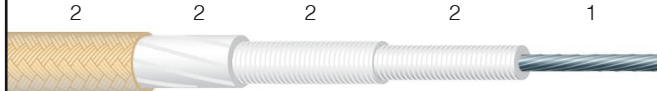
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# SILICABLE® 250°C

## Composite insulated wires and cables - AWM

**Construction**

- 1- 24 AWG – 4/0 AWG, stranded or solid nickel plated copper or pure nickel core.
- 2- Composite insulation: PTFE tape(s) and/ or fiberglass lappings + fiberglass braid.



**Ratings – Approvals**

AWM 250°C – 300 V / 600 V  
Compliance **UL/cUL file E101965**  
RoHS Compliant

**Other characteristics**

Color coding = single color, or color stripes  
Use: High temperatures appliances wiring material.

	UL	5167	5257	5256		
	CSA / cUL		AWM I A/B	AWM I A/B		
	Voltage	300 V	300 V	600 V		
AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
24	.0669	5.4	.0551	4.2	.0630	5.0
22	.0787	8.1	.0591	5.9	.0669	6.7
20	.0866	11.4	.0669	8.9	.0827	10.8
18	.0945	15.7	.0827	13.9	.0906	15.1
16	.1063	21.4	.1024	20.8	.1102	22.1
14	.1220	33.1	.1181	32.3	.1260	33.9
12	.1417	48.5	.1378	47.6	.1457	49.4
10	.1732	73.3	.1693	72.2	.1772	74.4
8			.2205	124	.2283	126
6			.2756	196	.2835	199
4			.3228	323	.3307	327
2			.3937	498	.4016	503
1						
1/0						
2/0						
3/0						
4/0						
Flame ratings	UL		Horizontal		Horizontal	
	CSA		FT2		FT2	

Not CSA Certified / cUL recognized



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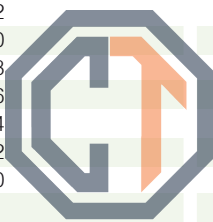
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UL	5196	5125
CSA / cUL	AWM I A/B	AWM I A/B
Voltage	600 V	600 V

AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
24	.0984	9.7		
22	.1024	11.6		
20	.1102	15.2		
18	.1220	20.5	.1260	21.3
16	.1299	26.0	.1339	26.8
14	.1457	38.3	.1535	40.2
12	.1654	54.4	.1693	55.5
10	.2047	83.0	.2126	85.7
8	.2480	134		
6	.3228	219		
4	.3701	350		
2	.4409	530		
1	.4882	707		
1/0	.5315	871		
2/0	.5827	1,085		
3/0	.6339	1,324		
4/0	.7008	1,621		



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Flame ratings	UL	Horizontal	Horizontal
	CSA	FT2	FT2



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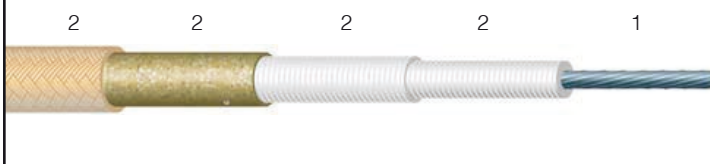
โทร 02-050-9555

# SILICABLE® 350°C

## Composite insulated wires and cables - AWM

**Construction**

- 1- 24 AWG – 10 AWG, stranded or solid, 27% nickel plated copper or pure nickel core.
- 2- Composite insulation: Mica tape(s) and/ or fiberglass lapping + fiberglass braid.



**Ratings – Approvals**

AWM 350°C – 300 V / 600 V  
**Compliance UL file E101965**  
 RoHS Compliant

**Other characteristics**

Color coding = single color, or color stripes  
 Use: High temperature appliances, wiring material (where not subject to flexing).

	UL	5294	5285	5304		
	CSA / cUL	AWM I A/B	AWM I A/B	AWM I A/B		
	Voltage	300 V	300 V	600 V		
AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
24	.0866	7.9	.1142	12.4	.0984	9.7
22	.0945	10.3	.1181	14.4	.1024	11.6
20	.1024	13.3	.1299	19.0	.1142	15.9
18	.1102	18.3	.1678	28.9	.1220	20.5
16	.1220	24.4	.1496	30.5	.1339	26.8
14	.1378	36.5	.1614	42.2	.1496	39.2
12	.1575	52.3	.1811	58.8	.1693	55.5
10	.1929	79.2	.2362	94.4	.2165	87.1
Flame ratings	UL	Horizontal	Horizontal	Horizontal		
	CSA	FT2	FT2	FT2		



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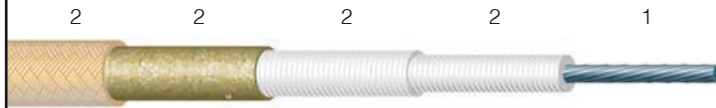
โทร : 02 550 9555

# SILICABLE® 450°C

## Composite insulated wires and cables - AWM

**Construction**

- 1- 24 AWG – 4/0 AWG, stranded or solid, 27% nickel plated copper or pure nickel core.
- 2- Composite insulation: Mica tape(s) and/ or fiberglass lapping + fiberglass braid.



**Ratings – Approvals**

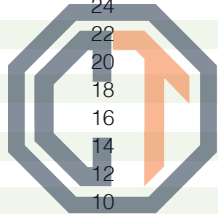
AWM 450°C – 300 V / 600 V  
**Compliance UL file E101965**  
 RoHS Compliant

**Other characteristics**

Color coding = single color, or color stripes  
 Use: High temperature appliances, ovens,... where not subject to flexing or mechanical abuse.

UL	5168	5334	5128
CSA / cUL	AWM I A/B	AWM I A/B	AWM I A/B
Voltage	300 V	300 V	300 V

AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
26						
24	.0669	5.4	.0787	6.8	.0748	6.3
22	.0748	7.6	.0827	8.6	.0787	8.1
20	.0827	10.8	.0945	12.5	.0866	11.4
18	.0906	15.1	.1024	18.9	.0984	16.3
16	.1024	20.8	.1142	22.9	.1102	22.1
14	.1181	32.3	.1260	33.9	.1220	33.1
12	.1378	47.6	.1457	49.4	.1417	48.5
10	.2047	83.0	.1929	79.2	.2126	85.7
8	.2362	129	.2283	126	.2402	131
6	.2835	199	.2717	194	.2835	199
4	.3425	334	.3307	327	.3425	334
2	.4291	522				
1	.4646	689				
1/0	.5118	854				
2/0	.5669	1,071				
3/0	.6142	1,304				
4/0	.6732	1,590				



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Flame ratings	UL	Horizontal	Horizontal	Horizontal
	CSA	FT2	FT2	FT2

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	UL	5335	5107	5138		
	CSA / cUL	AWM I A/B	AWM I A/B	AWM I A/B		
	Voltage	600 V	600 V	600 V		
AWG Size	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft	OD inches	Weight Lbs/mft
26			.0906	7.9		
24			.0945	9.1		
22	.0945	10.3	.1024	11.6		
20	.1024	13.8	.1102	15.2		
18	.1142	19.0	.1181	19.8	.1811	35.2
16	.1260	25.2	.1299	26.0	.1929	42.6
14	.1378	36.5	.1457	38.3	.2047	55.2
12	.1575	52.3	.1654	54.4	.2244	73.2
10	.2087	84.4	.2283	91.4	.2598	104
8	.2402	131	.2598	139	.3504	184
6	.2835	199	.3031	209	.3898	258
4	.3425	334	.3622	345	.4488	402
2	.4252	519	.4488	536	.5118	585
1	.4606	686	.4843	704		
1/0	.5079	850	.5315	871		
2/0	.5630	1,067	.5866	1,089		
3/0	.6142	1,304	.6339	1,324		
4/0	.6732	1,590	.6929	1,612		
Flame ratings	UL	Horizontal	Horizontal	Horizontal		
	CSA	FT2	FT2	FT2		

Not CSA Certified / cUL recognized



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## PRODUCT LIST

### Class F – Polyurethane or acrylic polymer coated sleeveings

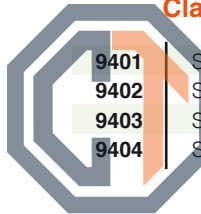
FT Nr	Product description	
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# SILIGAINÉ® 13F4

**class F - Polyurethane varnish coated fiberglass sleeving - 4,000 V**

**Construction**

Polyurethane coated fiberglass sleeving.



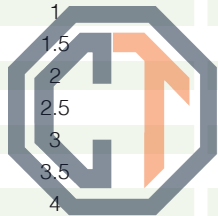
**Ratings – Approvals**

Thermal class: class F – 155°C (311°F)  
Dielectric grade: 4,000 V  
**Compliance UL file E310331,  
category UZKX2**  
RoHS Compliant

**Other characteristics**

Color: Off-white  
Flammability: Horizontal  
Supply: Continuous spooled lengths or cut lengths

Inner diameter mm	Closest Trade size (*) AWG	Inner diameter inches	Approx. thickness inches	Weight Lbs/mft
0.5	24	.020	.0098	1.1
0.8	22	.031	.0098	1.7
1	19	.039	.0098	2.2
1.5	15	.059	.0138	3.4
2	13	.079	.0138	4.5
2.5	11	.098	.0157	5.8
3	9	.118	.0157	7.0
3.5	8	.138	.0157	8.3
4	7	.157	.0197	9.5
4.5	6	.177	.0197	10.9
5	5	.197	.0197	12.3
6	3	.236	.0197	15.1
7	2	.276	.0197	18.1
8	1-0	.315	.0197	21.2
10		3/8 in	.0256	27.7
12		7/16 in – 1/2 in	.0256	34.7
14		1/2 in – 5/8 in	.0256	42.3
16		5/8 in	.0256	50.3
18		11/16 in	.0256	58.9
20		13/16 in	.0256	67.9
22		7/8 in	.0256	78.0
25		1 in	.0256	84.0



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(\*) other trade sizes on request



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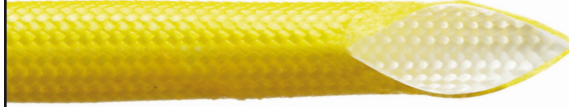


# SILIGAINÉ® 16F2

## class F - Acrylic coated fiberglass sleeving - 2,000 V

**Construction**

Acrylic-polymer coated fiberglass sleeving.



**Ratings – Approvals**

Thermal class: class F – 155°C (311°F)  
Dielectric grade: 2,000 V  
**Compliance UL file E310331,**  
**category UZKX2**  
RoHS Compliant

**Other characteristics**

Color: Yellow  
Flammability: Horizontal  
Supply: Continuous spooled lengths or cut lengths

Inner diameter mm	Closest Trade size (*) AWG	Inner diameter inches	Approx. thickness inches	Weight Lbs/mft
0.5	24	.020	.0079	1.1
0.8	22	.031	.0079	1.5
1	19	.039	.0079	1.7
1.5	15	.059	.0079	2.3
2	13	.079	.0079	3.0
2.5	11	.098	.0079	3.6
3	9	.118	.0079	4.4
3.5	8	.138	.0079	5.1
4	7	.157	.0118	5.9
4.5	6	.177	.0118	6.7
5	5	.197	.0118	7.6
6	3	.236	.0118	9.5
7	2	.276	.0118	11.5
8	1-0	.315	.0118	13.6
10		3/8 in	.0157	18.4
12		7/16 in – 1/2 in	.0157	23.9
14		1/2 in – 5/8 in	.0157	29.9
16		5/8 in	.0157	41.3
18		11/16 in	.0157	52.1
20		13/16 in	.0157	67.2
22		7/8 in	.0157	87.4
25		1 in	.0197	95.4



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# SILIGAINÉ® 16F3

**class F - Acrylic coated fiberglass sleeving - 3,000 V**

**Construction**

Acrylic-polymer coated fiberglass sleeving.



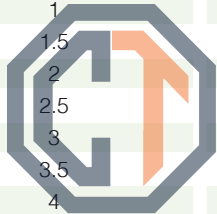
**Ratings – Approvals**

Thermal class: class F – 155°C (311°F)  
Dielectric grade: 3,000 V  
**Compliance UL file E310331,  
category UZKX2**  
RoHS Compliant

**Other characteristics**

Color: Yellow  
Flammability: Horizontal  
Supply: Continuous spooled lengths or cut lengths

Inner diameter mm	Closest Trade size (*) AWG	Inner diameter inches	Approx. thickness inches	Weight Lbs/mft
0.5	24	.020	.0079	1.3
0.8	22	.031	.0079	1.8
1	19	.039	.0079	2.2
1.5	15	.059	.0079	3.0
2	13	.079	.0079	3.9
2.5	11	.098	.0079	4.8
3	9	.118	.0079	5.8
3.5	8	.138	.0079	6.7
4	7	.157	.0118	7.8
4.5	6	.177	.0118	8.8
5	5	.197	.0118	9.9
6	3	.236	.0118	12.2
7	2	.276	.0118	14.7
8	1-0	.315	.0118	17.3
10		3/8 in	.0157	20.8
12		7/16 in – 1/2 in	.0197	29.0
14		1/2 in – 5/8 in	.0236	37.8
16		5/8 in	.0276	47.2
18		11/16 in	.0276	57.1
20		13/16 in	.0315	70.6
22		7/8 in	.0315	89.4
25		1 in	.0315	97.4



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# SILIGAINÉ® 16F7

**class F - Acrylic coated fiberglass electrical sleeving - 7,000 V, grade A**

**Construction**

Acrylic-polymer coated fiberglass sleeving.



**Ratings – Approvals**

Thermal class: class F – 155°C (311°F)  
Dielectric grade: 7,000 V  
**Compliance UL/CSA file E179383,  
category UZFT2/UZFT8,  
Grade A electrical sleeving, 155°C  
- 600 V as per UL 1441  
RoHS Compliant**

**Other characteristics**

Color: Yellow  
Flammability: Horizontal  
Supply: Continuous spooled lengths or cut lengths

Inner diameter mm	Closest Trade size (*) AWG	Inner diameter inches	Approx. thickness inches	Weight Lbs/mft
0.5	24	.020	.0098	0.9
0.8	22	.031	.0098	1.5
1	19	.039	.0098	1.9
1.5	15	.059	.0138	3.0
2	13	.079	.0138	4.1
2.5	11	.098	.0157	5.2
3	9	.118	.0157	6.3
3.5	8	.138	.0157	7.5
4	7	.157	.0197	8.7
4.5	6	.177	.0197	10.0
5	5	.197	.0197	11.3
6	3	.236	.0197	14.0
7	2	.276	.0197	16.9
8	1-0	.315	.0197	19.9
10		3/8 in	.0256	26.4
12		7/16 in – 1/2 in	.0256	33.5
14		1/2 in – 5/8 in	.0256	41.2
16		5/8 in	.0256	49.5



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# SILIGAINÉ® 1502

**class H - Silicone polymer coated fiberglass flame retardant - 2,000 V**

**Construction**

Silicone-polymer coated fiberglass sleeving.



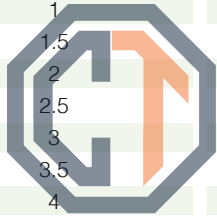
**Ratings – Approvals**

Thermal class: class H – 200°C (392°F)  
Dielectric grade: 2,000 V  
**Compliance UL file E212701, category UZIQ2 (flame retardant)**  
RoHS Compliant

**Other characteristics**

Color: Brick red  
Flammability: VW1  
Supply: Continuous spooled lengths or cut lengths

Inner diameter mm	Closest Trade size (*) AWG	Inner diameter inches	Approx. thickness inches	Weight Lbs/mft
0.5	24	.020	.0059	1.6
0.8	22	.031	.0059	2.0
1	19	.039	.0059	2.3
1.5	15	.059	.0059	3.0
2	13	.079	.0059	3.8
2.5	11	.098	.0059	4.6
3	9	.118	.0059	5.5
3.5	8	.138	.0059	6.4
4	7	.157	.0079	7.4
4.5	6	.177	.0079	8.3
5	5	.197	.0079	9.4
6	3	.236	.0079	11.6
7	2	.276	.0079	13.9
8	1-0	.315	.0079	16.4
10		3/8 in	.0157	22.0
12		7/16 in – 1/2 in	.0157	36.3
14		1/2 in – 5/8 in	.0157	49.5
16		5/8 in	.0157	61.7



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CT ELECTRIC SUPPLY CO., LTD.  
โทร : 02 550 9555

(\*) other trade sizes on request



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All dimensions listed in this data sheet are nominal

Information included in this catalog is intended as a guideline only.

For applications that require tight tolerances or special performance, please contact us for dimensional verification and/or technical review. Information herein is believed to be accurate as of publication date; however, if an error exists, it is unintentional and OMERIN cannot be held responsible for any claim traceable to such error.

# SILIGAINÉ® 15C3

**class H - Silicone polymer coated fiberglass flame retardant - 3,000 V**

**Construction**

Silicone-polymer coated fiberglass sleeving.



**Ratings – Approvals**

Thermal class: class H – 200°C (392°F)  
Dielectric grade: 3,000 V

**Compliance UL file E212701, category UZIQ2 (flame retardant)**

RoHS Compliant

**Other characteristics**

Color: Brick red

Flammability: VW1

Use:

Supply: Continuous spooled lengths or cut lengths

Inner diameter mm	Closest Trade size (*) AWG	Inner diameter inches	Approx. thickness inches	Weight Lbs/mft
0.5	24	.020	.0079	1.6
0.8	22	.031	.0079	2.0
1	19	.039	.0079	2.3
1.5	15	.059	.0079	3.0
2	13	.079	.0079	3.8
2.5	11	.098	.0079	4.6
3	9	.118	.0079	5.5
3.5	8	.138	.0079	6.5
4	7	.157	.0118	7.5
4.5	6	.177	.0118	8.5
5	5	.197	.0118	9.5
6	3	.236	.0118	11.8
7	2	.276	.0118	14.2
8	1-0	.315	.0118	16.7
10		3/8 in	.0157	22.4
12		7/16 in – 1/2 in	.0157	36.7
14		1/2 in – 5/8 in	.0157	51.9
16		5/8 in	.0157	62.3
18		11/16 in	.0157	75.3
20		13/16 in	.0157	90.1
22		7/8 in	.0157	106
25		1 in	.0157	132
30		1 1/4 in	.0157	179
35		1 3/8 in	.0157	219
40		1 5/8 in	.0157	261



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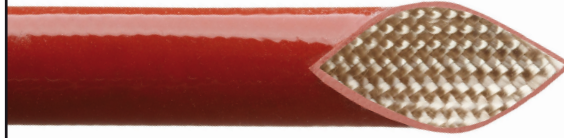
(\*) other trade sizes on request

# SILIGAINÉ® 15C4

**class H - Silicone polymer coated fiberglass flame retardant - 4,000 V**

**Construction**

Silicone-polymer coated fiberglass sleeving.



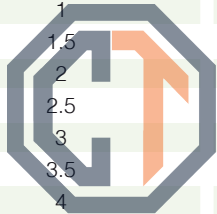
**Ratings – Approvals**

Thermal class: class H – 200°C (392°F)  
Dielectric grade: 4,000 V  
**Compliance UL file E212701, category UZIQ2 (flame retardant)**  
RoHS Compliant

**Other characteristics**

Color: Brick red  
Flammability: VW1  
Supply: Continuous spooled lengths or cut lengths

Inner diameter mm	Closest Trade size (*) AWG	Inner diameter inches	Approx. thickness inches	Weight Lbs/mft
0.5	24	.020	.0157	2.2
0.8	22	.031	.0157	2.6
1	19	.039	.0157	2.8
1.5	16	.059	.0157	3.5
2	13	.079	.0157	4.2
2.5	11	.098	.0157	5.0
3	9	.118	.0157	5.8
3.5	8	.138	.0157	6.7
4	7	.157	.0236	7.6
4.5	6	.177	.0236	8.6
5	5	.197	.0236	9.6
6	3	.236	.0236	11.8
7	2	.276	.0236	14.2
8	1-0	.315	.0236	16.9
10		3/8 in	.0315	22.8
12		7/16 in – 1/2 in	.0315	38.2
14		1/2 in – 5/8 in	.0315	49.7
16		5/8 in	.0354	67.2
18		11/16 in	.0394	82.7
20		13/16 in	.0394	98.8
22		7/8 in	.0394	114
25		1 in	.0472	139
30		1 1/4 in	.0512	182
35		1 3/8 in	.0591	240
40		1 5/8 in	.0591	305



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(\*) other trade sizes on request

# SILIGAINÉ® 15C7

## class H - Silicone polymer coated fiberglass electrical sleeving - 7,000 V, grade A

**Construction**  
Silicone-polymer coated fiberglass sleeving.



**Ratings – Approvals**  
Thermal class: class H – 200°C (392°F)  
Dielectric grade: 7,000 V  
**Compliance UL/CSA file E179383, category UZFT2/UZFT8, Grade A electrical sleeving, 200°C - 600 V as per UL 1441**  
RoHS Compliant

**Other characteristics**  
Color: Brick red  
Flammability: VW1  
Supply: Continuous spooled lengths or cut lengths

Inner diameter mm	Closest Trade size (*) AWG	Inner diameter inches	Approx. thickness inches	Weight Lbs/mft
0.5	24	.020	.0098	1.3
0.8	22	.031	.0098	2.0
1	19	.039	.0098	2.6
1.5	15	.059	.0138	3.8
2	13	.079	.0138	5.2
2.5	11	.098	.0157	6.5
3	9	.118	.0157	7.9
3.5	8	.138	.0197	9.3
4	7	.157	.0197	10.8
4.5	6	.177	.0197	12.2
5	5	.197	.0197	13.6
6	3	.236	.0197	16.7
7	2	.276	.0197	19.9
8	1-0	.315	.0197	23.1
10		3/8 in	.0256	30.0
12		7/16 in – 1/2 in	.0256	37.2
14		1/2 in – 5/8 in	.0256	44.9
16		5/8 in	.0256	53.0



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# SILIGAINÉ® 21F1

**280°C- Resin impregnated fiberglass flame retardant sleeving**

**Construction**

Resin impregnated fiberglass sleeving



**Ratings – Approvals**

Thermal class: 280°C (536°F)  
Dielectric grade: 1,000 V

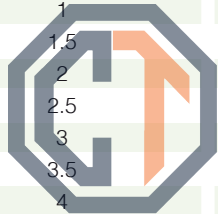
**Compliance UL file E212701, category UZIQ2 (flame retardant)**

RoHS Compliant

**Other characteristics**

Color: Black  
Flammability: VW1  
Supply: Continuous spooled lengths or cut lengths

Inner diameter mm	Closest Trade size (*) AWG	Inner diameter inches	Approx. thickness inches	Weight Lbs/mft
0.5	24	.020	.0079	0.3
0.8	22	.031	.0079	0.9
1	19	.039	.0079	1.2
1.5	16	.059	.0079	2.2
2	13	.079	.0079	3.0
2.5	11	.098	.0079	4.0
3	9	.118	.0079	4.8
3.5	8	.138	.0079	5.8
4	7	.157	.0118	6.7
4.5	6	.177	.0118	7.4
5	5	.197	.0118	8.1
6	3	.236	.0118	8.7
7	2	.276	.0118	8.7
8	1-0	.315	.0118	9.4
10		3/8 in	.0157	10.8
12		7/16 in – 1/2 in	.0157	12.8
14		1/2 in – 5/8 in	.0157	16.1
16		5/8 in	.0157	20.8
18		11/16 in	.0157	26.2
20		13/16 in	.0157	32.3
25		1 in	.0197	52.4
30		1 1/4 in	.0197	79.3
35		1 3/8 in	.0197	110
40		1 5/8 in	.0197	131
45		1 3/4 in	.0197	137
50		2 in	.0197	168



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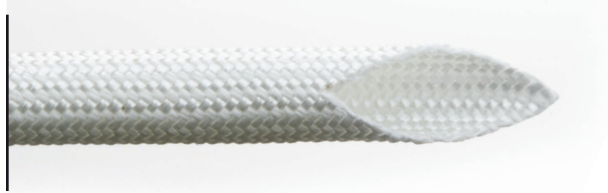


# SILIGAIN<sup>®</sup> 24C1

350°C - Heat treated and silicone varnish impregnated fiberglass flame retardant sleeving

**Construction**

Heat treated and silicone varnish impregnated fiberglass sleeving.



**Ratings – Approvals**

Thermal class: 350°C (662°F)  
Dielectric grade: 1,000 V

**Compliance UL file E212701, category UZIQ2 (flame retardant)**

RoHS Compliant

**Other characteristics**

Color: Off-white  
Flammability: VW1  
Supply: Continuous spooled lengths or cut lengths

Inner diameter mm	Closest Trade size (*) AWG	Inner diameter inches	Approx. thickness inches	Weight Lbs/mft
0.5	24	.020	.0079	1.0
0.8	22	.031	.0079	1.3
1	19	.039	.0079	1.6
1.5	15	.059	.0079	1.9
2	13	.079	.0079	2.1
2.5	11	.098	.0079	2.6
3	9	.118	.0079	4.6
3.5	8	.138	.0079	5.0
4	7	.157	.0118	6.0
4.5	6	.177	.0118	6.7
5	5	.197	.0118	8.1
6	3	.236	.0118	9.4
7	2	.276	.0118	11.4
8	1-0	.315	.0118	13.4
10		3/8 in	.0157	17.5
12		7/16 in – 1/2 in	.0157	21.5
14		1/2 in – 5/8 in	.0157	25.5
16		5/8 in	.0157	30.9
18		11/16 in	.0157	37.0
20		13/16 in	.0157	40.3
22		7/8 in	.0157	50.4
25		1 in	.0197	57.8
30		1 1/4 in	.0197	70.6
35		1 3/8 in	.0197	90.7
40		1 5/8 in	.0197	100



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(\*) other trade sizes on request

# SILIGAINÉ® 31-1

**450°C - Heat treated fiberglass flame retardant sleeving**

**Construction**

Heat treated fiberglass sleeving.



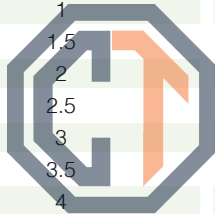
**Ratings – Approvals**

Thermal class: 450°C (842°F)  
**Compliance UL file E212701, category UZIQ2 (flame retardant)**  
 RoHS Compliant

**Other characteristics**

Color: Off-white  
 Flammability: VW1  
 Supply: Continuous spooled lengths or cut lengths

Inner diameter mm	Closest Trade size (*) AWG	Inner diameter inches	Approx. thickness inches	Weight Lbs/mft
0.5	24	.020	.0079	1.0
0.8	22	.031	.0079	1.2
1	19	.039	.0079	1.5
1.5	16	.059	.0079	1.7
2	13	.079	.0079	2.9
2.5	11	.098	.0079	3.5
3	9	.118	.0079	4.0
3.5	8	.138	.0079	5.6
4	7	.157	.0118	5.6
4.5	6	.177	.0118	6.5
5	5	.197	.0118	6.7
6	3	.236	.0118	9.4
7	2	.276	.0118	10.8
8	1-0	.315	.0118	12.1
10		3/8 in	.0157	14.8
12		7/16 in – 1/2 in	.0157	17.5
14		1/2 in – 5/8 in	.0157	21.5
16		5/8 in	.0157	26.9
18		11/16 in	.0157	34.9
20		13/16 in	.0157	26.9
22		7/8 in	.0157	40.3
25		1 in	.0197	51.1
30		1 1/4 in	.0197	60.5
35		1 3/8 in	.0197	67.2
40		1 5/8 in	.0197	70.6
45		1 3/4 in	.0197	73.9
50		2 in	.0197	84.0



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(\*) other trade sizes on request



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**All dimensions listed in this data sheet are nominal**

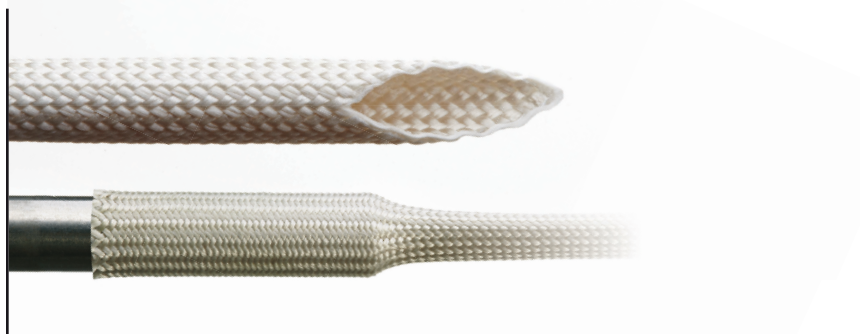
*Information included in this catalog is intended as a guideline only.  
 For applications that require tight tolerances or special performance, please contact us for dimensional verification and/or technical review.  
 Information herein is believed to be accurate as of publication date; however, if an error exists, it is unintentional and OMERIN cannot be held responsible for any claim traceable to such error.*

# SILIGAIN<sup>®</sup> 31C1E

350°C - Heat treated and varnish impregnated fiberglass flame retardant stretchable sleeving

**Construction**

Heat treated and varnish impregnated fiberglass stretchable sleeving.



**Ratings – Approvals**

Thermal class: 350°C (662°F)

Compliance UL file E212701, category UZIQ2 (flame retardant)

RoHS Compliant

**Other characteristics**

Color: Silver-gray

Flammability: VW1

Supply: Continuous spooled lengths or cut lengths

Inner diameter (**) mm	Closest Trade size (*) AWG	Inner diameter inches	Approx. thickness inches	Weight Lbs/mft
0.5	24	.020	.0079	1.7
1	19	.039	.0079	2.0
1.5	15	.059	.0079	2.3
2	13	.079	.0079	3.0
3	9	.118	.0079	4.4
4	7	.157	.0118	5.9
5	5	.197	.0118	8.1
6	3	.236	.0118	10.0
7	2	.276	.0118	11.8
8	1-0	.315	.0118	13.4
10		3/8 in	.0157	15.8
12		7/16 in – 1/2 in	.0157	19.8
14		1/2 in – 5/8 in	.0157	21.5
16		5/8 in	.0157	32.9
18		11/16 in	.0157	37.0
20		13/16 in	.0157	43.7

(\*) other trade sizes on request

(\*\*) diameter can be stretched up to approx. 1.5 to 2 times the nominal diameter.

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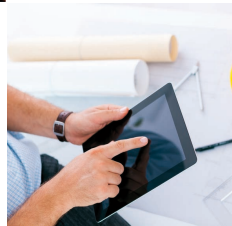
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CT ELECTRIC SUPPLY CO., LTD.

โทร : 02 550 9555



## Table of equivalent temperatures

### AWG copper wire size table

- Solid cores
- Stranded cores

### Packaging of our products

- Reels packaging
- Theoretical cable length capacity per reel
- Spools packaging
- Theoretical cable length capacity per spool
- SILBOX® packaging
- Kits packaging for sleeveings



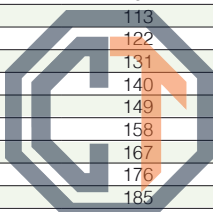
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TABLE of equivalent temperatures

Cent. (°C)	Fahr. (°F)	Cent. (°C)	Fahr. (°F)	Cent. (°C)	Fahr. (°F)	Cent. (°C)	Fahr. (°F)
-75	-103	195	383	465	869	735	1355
-70	-94	200	392	470	878	740	1364
-65	-85	205	401	475	887	745	1373
-60	-76	210	410	480	896	750	1382
-55	-67	215	419	485	905	755	1391
-50	-58	220	428	490	914	760	1400
-45	-49	225	437	495	923	765	1409
-40	-40	230	446	500	932	770	1418
-35	-31	235	455	505	941	775	1427
-30	-22	240	464	510	950	780	1436
-25	-13	245	473	515	959	785	1445
-20	-4	250	482	520	968	790	1454
-15	5	255	491	525	977	795	1463
-10	14	260	500	530	986	800	1472
-5	23	265	509	535	995	805	1481
0	32	270	518	540	1004	810	1490
5	41	275	527	545	1013	815	1499
10	50	280	536	550	1022	820	1508
15	59	285	545	555	1031	825	1517
20	68	290	554	560	1040	830	1526
25	77	295	563	565	1049	835	1535
30	86	300	572	570	1058	840	1544
35	95	305	581	575	1067	845	1553
40	104	310	590	580	1076	850	1562
45	113	315	599	585	1085	855	1571
50	122	320	608	590	1094	860	1580
55	131	325	617	595	1103	865	1589
60	140	330	626	600	1112	870	1598
65	149	335	635	605	1121	875	1607
70	158	340	644	610	1130	880	1616
75	167	345	653	615	1139	885	1625
80	176	350	662	620	1148	890	1634
85	185	355	671	625	1157	895	1643
90	194	360	680	630	1166	900	1652
95	203	365	689	635	1175	905	1661
100	212	370	698	640	1184	910	1670
105	221	375	707	645	1193	915	1679
110	230	380	716	650	1202	920	1688
115	239	385	725	655	1211	925	1697
120	248	390	734	660	1220	930	1706
125	257	395	743	665	1229	935	1715
130	266	400	752	670	1238	940	1724
135	275	405	761	675	1247	945	1733
140	284	410	770	680	1256	950	1742
145	293	415	779	685	1265	955	1751
150	302	420	788	690	1274	960	1760
155	311	425	797	695	1283	965	1769
160	320	430	806	700	1292	970	1778
165	329	435	815	705	1301	975	1787
170	338	440	824	710	1310	980	1796
175	347	445	833	715	1319	985	1805
180	356	450	842	720	1328	990	1814
185	365	455	851	725	1337	995	1823
190	374	460	860	730	1346	1000	1832



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AWG copper wire size table

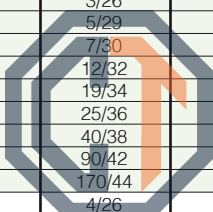
AWG * size	Stranding	Outer Diameter		Cross Sectional Area		Nominal Weight		Max. DC resistance ** at 68 °F (20 °C)		OMERIN product Yes/No
		(in.)	(mm)	(kcmil)	(mm²)	(lbs./1,000ft.)	(kg/km)	(Ω/1,000ft.)	(Ω/km)	
<b>SOLID</b>										
44	1 wire	.00198	0.0502	.00391	0.00198	.0118	0.0176	2,642	8 668	No
43	1 wire	.00222	0.0564	.00493	0.00250	.0149	0.0222	2,183	7 162	No
42	1 wire	.00249	0.0633	.00622	0.00315	.0188	0.0280	1,693	5 555	No
41	1 wire	.00280	0.0711	.00784	0.00397	.0237	0.0353	1,346	4 418	No
40	1 wire	.00314	0.0799	.00989	0.00501	.0299	0.0445	1,102	3 614	No
39	1 wire	.00353	0.0897	.0125	0.00632	.0378	0.0562	864	2 835	No
38	1 wire	.00397	0.101	.0157	0.00797	.0476	0.0708	661	2 169	Yes
37	1 wire	.00445	0.113	.0198	0.0100	.0600	0.0893	522	1 713	No
36	1 wire	.00500	0.127	.0250	0.0127	.0757	0.113	423	1 389	Yes
35	1 wire	.00561	0.143	.0315	0.0160	.0955	0.142	338	1 108	Yes
34	1 wire	.00630	0.160	.0397	0.0201	.120	0.179	266	873	Yes
33	1 wire	.00708	0.180	.0501	0.0254	.152	0.226	210	689	No
32	1 wire	.00795	0.202	.0632	0.0320	.191	0.285	165	542	Yes
31	1 wire	.00893	0.227	.0797	0.0404	.241	0.359	134	438	No
30	1 wire	.0100	0.255	.100	0.0509	.304	0.453	106	347	Yes
29	1 wire	.0113	0.286	.127	0.0642	.384	0.571	82.8	271	Yes
28	1 wire	.0126	0.321	.160	0.0810	.484	0.720	66.6	218	No
27	1 wire	.0142	0.361	.201	0.102	.610	0.908	52.4	172	No
26	1 wire	.0159	0.405	.254	0.129	.769	1.14	41.8	138	Yes
25	1 wire	.0179	0.455	.320	0.162	.970	1.44	33.0	108	No
24	1 wire	.0201	0.511	.404	0.205	1.22	1.82	26.2	85.9	Yes
23	1 wire	.0226	0.573	.509	0.258	1.54	2.30	20.7	67.9	No
22	1 wire	.0253	0.644	.642	0.326	1.95	2.89	16.5	54.3	Yes
21	1 wire	.0285	0.723	.810	0.410	2.45	3.65	13.1	42.7	No
20	1 wire	.0320	0.812	1.02	0.518	3.09	4.60	10.3	33.9	Yes
19	1 wire	.0359	0.912	1.29	0.653	3.90	5.80	8.21	26.9	Yes
18	1 wire	.0403	1.02	1.62	0.823	4.92	7.32	6.52	21.4	Yes
17	1 wire	.0453	1.15	2.05	1.04	6.20	9.29	5.15	16.9	Yes
16	1 wire	.0508	1.29	2.58	1.31	7.82	11.6	4.10	13.5	Yes
15	1 wire	.0571	1.45	3.26	1.65	9.86	14.7	3.24	10.6	No
14	1 wire	.0641	1.63	4.11	2.08	12.4	18.5	2.51	8.45	Yes
13	1 wire	.0720	1.83	5.18	2.62	15.7	23.3	2.04	6.69	No
12	1 wire	.0808	2.05	6.53	3.31	19.8	29.4	1.62	5.31	No
11	1 wire	.0907	2.30	8.23	4.17	24.9	37.1	1.29	4.22	No
10	1 wire	.102	2.59	10.4	5.26	31.4	46.8	1.019	3.343	No
9	1 wire	.114	2.91	13.1	6.63	39.6	59.0	0.804	2.652	No
8	1 wire	.128	3.26	16.5	8.37	50.0	74.4	.6407	2.102	No
7	1 wire	.144	3.66	20.8	10.5	63.0	93.8	.5081	1.667	No
6	1 wire	.162	4.12	26.2	13.3	79.5	118	.4031	1.323	No
5	1 wire	.182	4.62	33.1	16.8	100	149	.3197	1.049	No
4	1 wire	.204	5.19	41.7	21.2	126	188	.2535	0.8315	No
3	1 wire	.229	5.83	52.6	26.7	159	237	.2010	0.6595	No
2	1 wire	.258	6.54	66.4	33.6	201	299	.1594	0.5231	No
1	1 wire	.289	7.35	83.7	42.4	253	377	.1264	0.4146	No
1/0	1 wire	.325	8.25	106	53.5	320	475	.1002	0.3287	No
2/0	1 wire	.365	9.27	133	67.4	403	599	.07949	0.2608	No
3/0	1 wire	.410	10.4	168	85.0	508	756	.06306	0.2069	No
4/0	1 wire	.460	11.7	212	107	641	953	.04999	0.1640	No

\* American Wire Gauge

\*\* As per UL 1581 standard and for copper conductivity with 100% IACS (International Annealed Copper Standard)

AWG copper wire size table

AWG * size	Stranding	Outer Diameter		Cross Sectional Area		Nominal Weight		Max. DC resistance ** at 68 °F (20 °C)		OMERIN product Yes/No
		(in.)	(mm)	(kcmil)	(mm²)	(lbs./1,000ft.)	(kg/km)	(Ω/1,000ft.)	(Ω/km)	
<b>STRANDED</b>										
36	7/44	.0059	0.15	.027	0.014	.082	0.12	-	-	No
34	7/42	.0083	0.21	.053	0.027	.16	0.24	-	-	No
32	7/40	.0094	0.24	.069	0.035	.21	0.31	-	-	No
32	19/44	.0098	0.25	.074	0.037	.22	0.33	-	-	No
30	7/38	.012	0.30	.11	0.055	.33	0.49	108	354	Yes
30	19/42	.014	0.35	.14	0.073	.44	0.65	108	354	No
28	7/36	.015	0.39	.18	0.093	.56	0.83	67.9	223	Yes
28	19/40	.016	0.40	.19	0.096	.57	0.85	67.9	223	No
26	3/30	.021	0.54	.29	0.15	.88	1.3	42.7	140	No
26	7/34	.019	0.48	.28	0.14	.84	1.3	42.7	140	Yes
26	10/36	.019	0.47	.26	0.13	.79	1.2	42.7	140	No
26	19/38	.020	0.50	.29	0.15	.89	1.3	42.7	140	Yes
26	40/42	.020	0.51	.30	0.15	.92	1.4	42.7	140	No
26	70/44	.019	0.48	.27	0.14	.82	1.2	42.7	140	Yes
24	3/29	.026	0.65	.42	0.21	1.3	1.9	26.7	87.6	Yes
24	5/30	.025	0.65	.48	0.25	1.5	2.2	26.7	87.6	No
24	7/32	.024	0.60	.43	0.22	1.3	2.0	26.7	87.6	Yes
24	11/34	.024	0.61	.44	0.22	1.3	2.0	26.7	87.6	No
24	19/36	.026	0.65	.50	0.25	1.5	2.2	26.7	87.6	Yes
24	30/38	.025	0.63	.46	0.24	1.4	2.1	26.7	87.6	Yes
24	60/42	.025	0.63	.46	0.23	1.4	2.1	26.7	87.6	Yes
24	130/44	.026	0.66	.50	0.26	1.5	2.3	26.7	87.6	Yes
23	7/31	.026	0.66	.53	0.27	1.6	2.4	21.1	69.2	Yes
22	3/26	.034	0.86	.74	0.38	2.3	3.4	16.9	55.4	Yes
22	5/29	.031	0.77	.70	0.35	2.1	3.1	16.9	55.4	Yes
22	7/30	.030	0.76	.68	0.34	2.1	3.1	16.9	55.4	Yes
22	12/32	.032	0.81	.74	0.38	2.3	3.4	16.9	55.4	Yes
22	19/34	.031	0.80	.75	0.38	2.3	3.4	16.9	55.4	Yes
22	25/36	.030	0.75	.65	0.33	2.0	2.9	16.9	55.4	No
22	40/38	.029	0.73	.62	0.31	1.9	2.8	16.9	55.4	Yes
22	90/42	.030	0.77	.68	0.35	2.1	3.1	16.9	55.4	Yes
22	170/44	.030	0.75	.66	0.33	2.0	3.0	16.9	55.4	No
20	4/26	.038	0.96	1.0	0.50	3.0	4.5	10.6	34.6	Yes
20	7/28	.038	0.96	1.1	0.56	3.4	5.0	10.6	34.6	Yes
20	8/29	.039	0.98	1.1	0.57	3.4	5.0	10.6	34.6	No
20	10/30	.036	0.91	1.0	0.49	2.9	4.4	10.6	34.6	No
20	19/32	.039	1.00	1.2	0.60	3.6	5.3	10.6	34.6	Yes
20	26/34	.037	0.94	1.0	0.52	3.1	4.6	10.6	34.6	No
20	40/36	.037	0.95	1.0	0.53	3.2	4.7	10.6	34.6	No
20	70/38	.038	0.97	1.1	0.55	3.3	4.9	10.6	34.6	No
20	140/42	.038	0.96	1.1	0.54	3.2	4.8	10.6	34.6	No
20	270/44	.040	1.02	1.0	0.53	3.2	4.7	10.6	34.6	No
18	7/26	.047	1.20	1.7	0.88	5.3	7.8	6.66	21.8	Yes
18	12/29	.047	1.20	1.7	0.85	5.1	7.5	6.66	21.8	No
18	16/30	.045	1.16	1.5	0.79	4.7	7.0	6.66	21.8	No
18	19/30	.049	1.25	1.8	0.93	5.6	8.3	6.66	21.8	Yes
18	26/32	.046	1.18	1.6	0.82	4.9	7.3	6.66	21.8	No
18	41/34	.047	1.18	1.6	0.82	4.9	7.3	6.66	21.8	No
18	63/36	.047	1.19	1.7	0.84	5.0	7.4	6.66	21.8	No
18	110/38	.048	1.21	1.7	0.86	5.2	7.7	6.66	21.8	No
18	220/42	.051	1.29	1.7	0.85	5.1	7.5	6.66	21.8	No
17	7/26	.051	1.29	2.0	1.02	6.1	9.0	5.27	17.3	Yes
17	260/42	.055	1.40	2.0	1.0	6.0	8.9	5.27	17.3	Yes
17	520/44	.056	1.41	2.0	1.0	6.1	9.1	5.27	17.3	Yes
16	7/24	.059	1.50	2.7	1.4	8.2	12.2	4.18	13.7	Yes
16	19/29	.059	1.50	2.7	1.3	8.0	11.9	4.18	13.7	Yes
16	27/30	.059	1.50	2.6	1.3	7.9	11.8	4.18	13.7	Yes
16	41/32	.058	1.48	2.5	1.3	7.7	11.5	4.18	13.7	No
16	66/34	.059	1.50	2.6	1.3	7.9	11.8	4.18	13.7	No
16	84/35	.067	1.71	2.9	1.5	8.9	13.2	4.18	13.7	Yes
16	99/36	.063	1.60	2.6	1.3	7.9	11.7	4.18	13.7	No
16	170/38	.059	1.51	2.6	1.3	8.0	11.9	4.18	13.7	No
15	13/26	.066	1.67	3.2	1.6	9.8	14.5	3.31	10.9	Yes
14	7/22	.076	1.92	4.4	2.3	13.5	20.0	2.62	8.62	Yes
14	17/26	.075	1.90	4.2	2.1	12.8	19.0	2.62	8.62	Yes
14	19/27	.073	1.85	4.0	2.0	12.2	18.2	2.62	8.62	Yes
14	29/29	.073	1.87	4.0	2.0	12.3	18.2	2.62	8.62	Yes
14	43/30	.075	1.89	4.2	2.1	12.6	18.8	2.62	8.62	Yes
14	65/32	.073	1.86	4.0	2.0	12.2	18.2	2.62	8.62	Yes
14	104/34	.080	2.02	4.1	2.1	12.5	18.6	2.62	8.62	No
14	157/36	.080	2.02	4.1	2.1	12.5	18.5	2.62	8.62	No



บริษัท ซีที อีเล็คทริค ซัพพลาย จำกัด  
 CTELECTRIC SUPPLY CO., LTD  
 โทร : 02-520 9525

\* American Wire Gauge  
 \*\* As per UL 1581 standard and for copper conductivity with 100% IACS (International Annealed Copper Standard)



**AWG copper wire size table**

AWG * size	Stranding	Outer Diameter		Cross Sectional Area		Nominal Weight		Max. DC resistance ** at 68 °F (20 °C)		OMERIN product Yes/No
		(in.)	(mm)	(kcmil)	(mm <sup>2</sup> )	(lbs./1,000ft.)	(kg/km)	(Ω/1,000ft.)	(Ω/km)	
<b>STRANDED</b>										
13	21/26	.083	2.1	5.2	2.6	15.8	23.5	2.08	6.82	Yes
13	37/29	.083	2.1	5.2	2.6	15.6	23.3	2.08	6.82	Yes
12	17/24	.094	2.4	6.6	3.3	19.9	29.7	1.65	5.43	No
12	19/25	.093	2.4	6.5	3.3	19.7	29.3	1.65	5.43	Yes
12	26/26	.093	2.4	6.4	3.3	19.5	29.0	1.65	5.43	Yes
12	37/28	.094	2.4	6.6	3.4	20.1	29.9	1.65	5.43	Yes
12	46/29	.093	2.4	6.4	3.3	19.4	28.9	1.65	5.43	Yes
12	66/30	.092	2.3	6.4	3.2	19.4	28.8	1.65	5.43	Yes
12	103/32	.099	2.5	6.4	3.2	19.3	28.8	1.65	5.43	No
12	165/34	.10	2.5	6.5	3.3	19.8	29.5	1.65	5.43	No
12	266/36	.10	2.6	6.6	3.4	20.1	30.0	1.65	5.43	Yes
12	430/38	.10	2.6	6.7	3.4	20.2	30.0	1.65	5.43	No
12	840/42	.10	2.5	6.4	3.2	19.3	28.7	1.65	5.43	Yes
11	32/26	.10	2.6	7.9	4.0	24.0	35.7	1.32	4.30	Yes
10	27/24	.12	3.0	10.5	5.3	31.7	47.1	1.039	3.409	No
10	37/26	.12	3.0	10.6	5.4	32.1	47.8	1.039	3.409	Yes
10	42/26	.12	3.0	10.4	5.3	31.5	46.9	1.039	3.409	Yes
10	73/29	.12	3.0	10.2	5.2	30.8	45.9	1.039	3.409	Yes
10	107/30	.13	3.2	10.4	5.3	31.4	46.7	1.039	3.409	Yes
10	168/32	.13	3.2	10.4	5.3	31.5	46.9	1.039	3.409	No
10	262/34	.13	3.2	10.4	5.3	31.5	46.8	1.039	3.409	No
10	420/36	.13	3.2	10.5	5.3	31.8	47.3	1.039	3.409	Yes
10	670/38	.13	3.2	10.4	5.3	31.4	46.8	1.039	3.409	No
10	1,370/42	.13	3.2	10.4	5.3	31.5	46.9	1.039	3.409	Yes
9	52/26	.13	3.3	12.9	6.5	39.1	58.1	.8245	2.705	Yes
8	43/24	.15	3.8	16.7	8.4	50.5	75.1	.6535	2.144	No
8	66/26	.15	3.8	16.4	8.3	49.6	73.7	.6535	2.144	Yes
8	119/29	.16	4.1	16.6	8.4	50.3	74.6	.6535	2.144	Yes
8	170/30	.16	4.0	16.5	8.3	49.9	74.2	.6535	2.144	No
8	267/32	.16	4.1	16.6	8.4	50.1	74.6	.6535	2.144	No
8	417/34	.16	4.1	16.5	8.4	50.1	74.6	.6535	2.144	No
8	665/36	.16	4.1	16.6	8.4	50.3	74.9	.6535	2.144	Yes
8	1,070/38	.16	4.1	16.6	8.4	50.2	74.7	.6535	2.144	No
6	68/24	.19	4.8	26.3	13.4	79.8	119	.4112	1.348	No
6	105/26	.20	5.1	26.0	13.2	78.9	117	.4112	1.348	Yes
6	189/29	.20	5.1	26.4	13.4	79.8	119	.4112	1.348	No
6	273/30	.20	5.1	26.4	13.4	80.1	119	.4112	1.348	No
6	424/32	.20	5.1	26.3	13.3	79.6	118	.4112	1.348	No
6	662/34	.20	5.1	26.3	13.3	79.5	118	.4112	1.348	No
6	1,050/36	.20	5.1	26.2	13.3	79.5	118	.4112	1.348	Yes
5	133/26	.23	5.7	33.0	16.7	100	149	.3261	1.070	Yes
4	108/24	.25	6.4	41.8	21.2	127	189	.2585	0.8481	No
4	168/26	.25	6.4	41.7	21.1	126	188	.2585	0.8481	Yes
4	300/29	.25	6.4	41.8	21.2	127	189	.2585	0.8481	No
4	437/30	.26	6.5	42.3	21.5	128	191	.2585	0.8481	No
4	675/32	.25	6.4	41.8	21.2	127	189	.2585	0.8481	No
4	1,055/34	.25	6.4	41.9	21.2	127	189	.2585	0.8481	No
4	1,680/36	.25	6.5	42.0	21.3	127	189	.2585	0.8481	Yes
3	204/26	.28	7.1	50.6	25.6	153	228	.2050	0.6727	Yes
2	172/24	.32	8.1	66.6	33.8	202	300	.1626	0.5335	No
2	259/26	.31	8.0	64.2	32.5	195	289	.1626	0.5335	Yes
2	494/29	.33	8.3	68.9	34.9	209	310	.1626	0.5335	Yes
2	685/30	.32	8.1	66.4	33.6	201	299	.1626	0.5335	No
2	1,121/32	.33	8.3	69.5	35.2	210	313	.1626	0.5335	Yes
1	216/24	.36	9.1	83.7	42.4	253	377	.1289	0.4230	No
1	342/26	.36	9.2	84.8	43.0	257	382	.1289	0.4230	Yes
1	600/29	.36	9.1	83.7	42.4	253	377	.1289	0.4230	No
1	864/30	.36	9.1	83.7	42.4	253	377	.1289	0.4230	No
1/0	273/24	.40	10.3	105.8	53.6	320	477	.1022	0.3354	No
1/0	425/26	.40	10.2	105.4	53.4	319	475	.1022	0.3354	Yes
1/0	757/29	.40	10.2	105.6	53.5	320	476	.1022	0.3354	No
1/0	1,090/30	.40	10.2	105.6	53.5	320	476	.1022	0.3354	No
1/0	4,263/36	.41	10.3	106.6	54.0	323	480	.1022	0.3354	Yes
2/0	333/24	.45	11.3	129.0	65.4	391	581	.08108	0.2660	Yes
2/0	543/26	.46	11.6	134.7	68.2	408	607	.08108	0.2660	Yes
2/0	1,036/29	.47	12.0	144.5	73.2	438	651	.08108	0.2660	Yes
2/0	2,257/32	.46	11.8	139.9	70.9	424	630	.08108	0.2660	Yes
3/0	432/24	.51	12.9	167.4	84.8	507	754	.06431	0.2110	Yes
3/0	677/26	.51	12.9	167.9	85.1	508	756	.06431	0.2110	No
3/0	1,203/29	.51	12.9	167.8	85.0	508	756	.06431	0.2110	No
4/0	546/24	.57	14.5	211.6	107.2	641	953	.05099	0.1673	Yes
4/0	852/26	.57	14.5	211.3	107.1	640	952	.05099	0.1673	No

\* American Wire Gauge

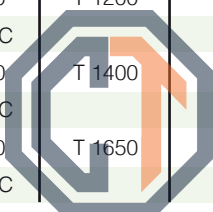
\*\* As per UL 1581 standard and for copper conductivity with 100% IACS (International Annealed Copper Standard)



บริษัท ซีทีอิเล็กทริก ซัพพลาย จำกัด  
 CT ELECTRIC SUPPLY CO., LTD.  
 โทร : 02 557 9552

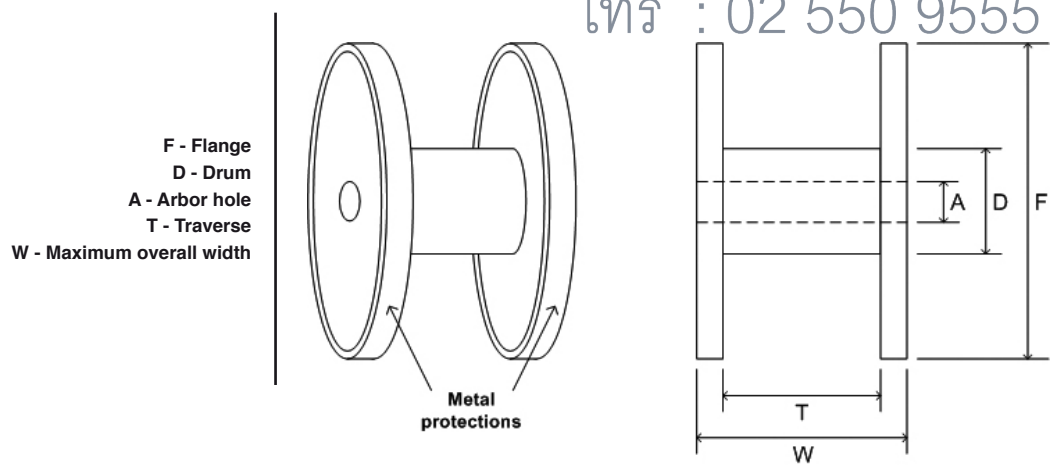
**Reels packaging**  
**Reels classification and data**

ODP ref.	ODS ref.	Nature of flanges	Flange	Drum	Arbor hole	Maximum overall width	Traverse	Approximative weight
			(in.)	(in.)	(in.)	(in.)	(in.)	(lbs.)
T 400	T 400	Plywood	16	6	1.2	12	12	5.3
T 400B		Plywood	16	6	1.2	9	8	4.6
	T 400D	Plywood	16	8	1.7	9	8	4.4
	T 450B	Plywood	18	8	1.7	9	8	5.3
	T 450	Plywood	18	8	1.7	10	10	5.5
T 600	T 600	Plywood	24	10	3.3	13	12	12.1
T 600C		Plywood with metal protections	24	12	1.7	13	12	15.0
T 750	T 750	Plywood	30	12	3.3	19	18	24.3
T 750C		Wood with metal protections	30	14	3.3	17	14	57.3
T 900	T 900	Wood	35	17	3.3	21	18	55.1
T 900C		Wood with metal protections	35	17	3.3	22	18	94.8
T 1050	T 1050	Wood	41	21	3.3	21	18	88.2
T1050C		Wood with metal protections	41	21	3.3	22	18	132.3
T 1200	T 1200	Wood	47	25	3.3	28	24	132.3
T 1200C		Wood with metal protections	47	25	3.3	28	24	198.5
T 1400	T 1400	Wood	55	28	3.3	28	24	253.6
T 1400C		Wood with metal protections	55	28	3.3	28	24	330.8
T 1650	T 1650	Wood	65	28	3.3	29	24	352.8
T 1650C		Wood with metal protections	65	25	3.3	29	24	463.1



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 CT ELECTRIC SUPPLY CO., LTD

โทร : 02 550 9555



All our products packaged on reels are protected on the outside by a strip of cardboard or plastic film.



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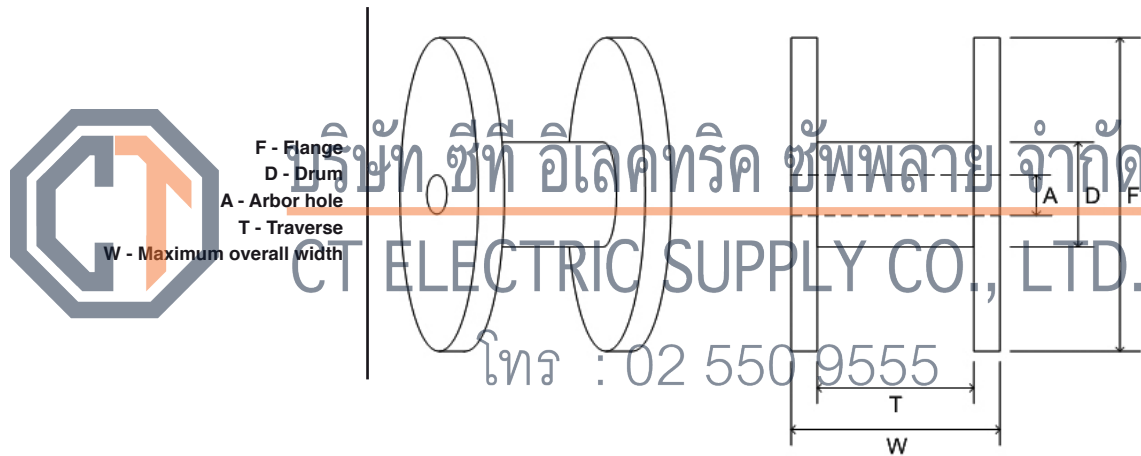
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**All dimensions listed in this data sheet are nominal**  
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 For applications that require tight tolerances or special performance, please contact us for dimensional verification and/or technical review.  
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**Spools packaging**  
Spools classification and data

ODP ref.	ODS ref.	Nature of flanges	Flange	Drum	Arbor hole	Maximum overall width	Traverse	Approximative weight
			(in.)	(in.)	(in.)	(in.)	(in.)	(lbs.)
D 80		Plastic	3.1	2.0	0.6	3.1	2.6	.176
D 100		Plastic	3.9	2.4	0.6	3.9	3.1	.276
D 125		Plastic	4.9	3.1	0.6	4.9	3.9	.353
D 160		Plastic	6.3	3.9	0.9	6.3	4.8	.794
D 200		Plastic	7.9	4.9	0.9	7.9	6.3	1.39
D 250		Plastic	9.8	6.3	0.9	7.8	6.3	2.32
	B 270	Plastic	10.6	3.9	1.2	5.5	4.9	1.06
B 300	B 300 carton	Cardboard	11.8	3.9	1.2	8.3	7.9	1.61
B 300-BLA	B 300 plastique	Plastic	11.8	3.9	1.2	8.7	7.9	1.59



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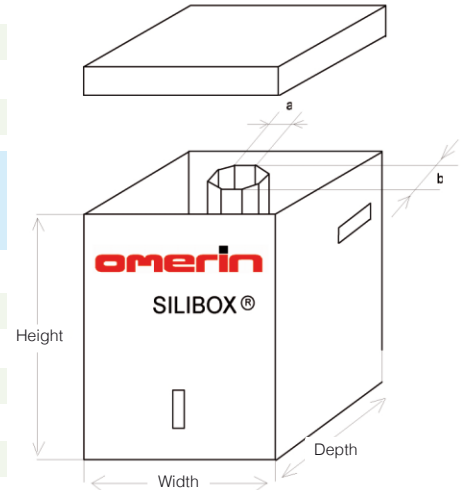
Theoretical cable length capacity per spool

ODP ref.	D 80	D 100	D 125	D 160	D200	D 250	B 270	B 300 or B 300-BLA
ODS ref.							B 270	B 300 Carton or B 300 Plastique
Flange (in.)	3.1	3.9	4.9	6.3	7.9	9.8	10.6	11.8
Drum (in.)	2.0	2.4	3.1	3.9	4.9	6.3	3.9	3.9
Traverse (in.)	2.6	3.1	3.9	4.8	6.3	6.3	4.9	7.9
Cable outer diameter (in.)	Maximal length of cable * per spool (ft.)							
.010	5,520	12,900	12,900	41,970	96,060	-	-	-
.015	2,460	5,670	5,670	18,600	42,660	68,850	104,160	-
.020	1,350	3,150	3,150	10,500	23,970	38,520	58,590	112,530
.025	840	1,980	1,980	6,630	15,240	24,960	37,530	71,460
.030	600	1,380	1,380	4,650	10,650	16,950	26,040	49,800
.035	450	990	990	3,360	7,560	12,600	19,050	36,420
.040	300	750	750	2,550	6,000	9,630	14,520	27,810
.045	240	630	630	2,010	4,710	7,530	11,460	22,050
.050	210	480	480	1,590	3,690	6,090	9,390	17,670
.055	180	390	390	1,380	3,030	5,160	7,620	14,640
.060	150	330	330	1,170	2,640	4,110	6,510	12,300
.065	120	300	300	990	2,160	3,630	5,460	10,530
.070	90	240	240	840	1,890	3,030	4,770	8,970
.075	90	210	210	720	1,620	2,700	4,110	7,800
.080	-	180	180	600	1,410	2,400	3,540	6,840
.085	-	150	150	570	1,230	2,130	3,120	6,120
.090	-	150	150	480	1,170	1,860	2,790	5,520
.095	-	150	150	450	1,020	1,650	2,550	4,920
.100	-	90	90	360	870	1,440	2,280	4,380
.105	-	80	90	360	840	1,380	2,100	3,900
.110	-	90	90	330	720	1,230	1,830	3,630
.115	-	90	90	270	690	1,050	1,680	3,390
.120	-	-	-	270	660	1,020	1,590	2,970
.125	-	-	-	240	570	990	1,440	2,730
.130	-	-	-	240	540	870	1,290	2,550
.135	-	-	-	180	510	840	1,200	2,340
.140	-	-	-	180	420	720	1,200	2,160
.150	-	-	-	180	390	660	960	1,950
.160	-	-	-	120	330	570	870	1,650
.170	-	-	-	120	300	540	780	1,470
.180	-	-	-	120	300	420	690	1,320
.190	-	-	-	120	240	420	600	1,170
.200	-	-	-	90	210	330	540	1,050
.210	-	-	-	-	210	300	510	930
.220	-	-	-	-	150	300	450	900
.230	-	-	-	-	150	240	390	810
.240	-	-	-	-	150	240	390	690
.250	-	-	-	-	150	210	330	690
.260	-	-	-	-	120	210	330	600
.270	-	-	-	-	120	210	270	600
.280	-	-	-	-	90	150	270	510
.290	-	-	-	-	90	150	270	510
.300	-	-	-	-	90	150	240	480
.310	-	-	-	-	90	150	210	420
.320	-	-	-	-	90	150	210	390
.330	-	-	-	-	90	150	180	390
.340	-	-	-	-	90	120	180	330
.350	-	-	-	-	-	90	180	330
.360	-	-	-	-	-	90	180	330
.370	-	-	-	-	-	90	150	330
.380	-	-	-	-	-	90	120	270
.390	-	-	-	-	-	90	120	270
.400	-	-	-	-	-	90	120	270

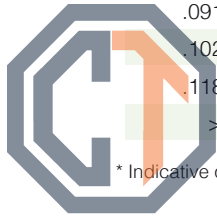
\* Indicative quantity depending on core flexibility and insulation type.

**Silibox® packaging**  
**Silibox® data and length capacity**

SILIBOX®	
Width (in.)	16
Depth (in.)	16
Height (in.)	20
a (in.)	3,0
b (in.)	7,3
Product outer diameter (in.)	Maximal length of product * per SILIBOX® (ft.)
.039 to .047	26,200 to 21,300
.047 to .059	21,300 to 18,000
.059 to .067	18,000 to 16,400
.067 to .075	16,400 to 14,400
.075 to .083	14,400 to 11,800
.083 to .091	11,800 to 10,500
.091 to .102	10,500 to 8,200
.102 to .118	8,200 to 6,700
.118 to .157	6,700 to 3,300
> .157	< 3,300



Silibox® : registered trademark of Omerin.



\* Indicative quantity depending on core flexibility and insulation type

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**Non-returnable recyclable packages on pallets (47.2 x 31.5 in.)**

Separate boxes, individual lids and labels, individual handles.

The following references do not allow silibox packing:  
 - Wire with diameter above .157 in. or below .039 in.  
 - Some style numbers with braids, tapes, or composite insulations: please consult us



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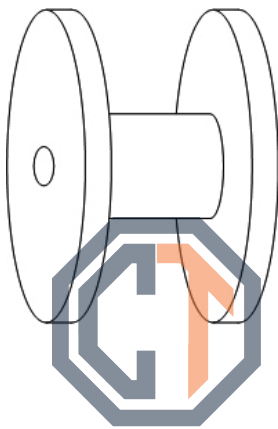
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**Siligaine® packaging**  
kits classification and data

ODP ref.	Nature of flanges	Flange	Drum	Arbor hole	Traverse
		(in.)	(in.)	(in.)	(in.)
B180/100	Cardboard	7,1	3,2	1,2	3,9
B180/150	Cardboard	7,1	3,2	1,2	5,9
B300/100	Cardboard	11,8	3,2	1,2	3,9
B300/150	Cardboard	11,8	3,2	1,2	5,9
B300/200	Cardboard	11,8	3,2	1,2	7,9



F - Flange  
D - Drum  
T - Traverse  
W - Maximum overall width

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