

Teflon®

High-Temperature

UL AWM Style 1180
300V, 200°C
 (Type EE) MIL-W-16878/5
 Teflon — 1000V, 200°C

VW-1

Product Description

Stranded silver-coated copper conductor insulation with extruded TFE Teflon.



Part No.	AWG (stranding)	Insulation Thickness		Nominal OD		Standard Lengths		Standard Unit Weight		Stock Colors (See Color Codes Chart on Page 3.29)
		Inch	mm	Inch	mm	Ft.	m	Lbs.	kg	
300V, 200°C (UL) • 1000V, 200°C (MIL-Spec)										
UL AWM Style 1180 • (Type EE) MIL-W-16878/5 — Teflon										
83023*	24 (19x36)	.015	.38	.053	1.35	100 [†]	30.5	.4	.2	1-10
						500 [▲]	152.4	2.5	1.1	2, 4, 5, 9, 10
						1000 [▲]	304.8	4.0	1.8	1-10
83025	22 (7x30)	.015	.38	.060	1.52	100 [†]	30.5	.5	.2	1-7, 9, 10
						500 [▲]	152.4	3.0	1.4	2, 9, 10
						1000 [▲]	304.8	5.0	2.3	1-7, 9, 10
83026*	22 (19x34)	.015	.38	.059	1.50	100 [†]	30.5	.5	.2	1-10
						500 [▲]	152.4	3.0	1.4	2, 9, 10
						1000 [▲]	304.8	5.0	2.3	1-10
83027*	20 (19x32)	.015	.38	.068	1.73	100 ^{††}	30.5	.8	.4	1-10
						500 [▲]	152.4	4.0	1.8	2, 9, 10
						1000 [▲]	304.8	7.0	3.2	1-10
83028	20 (7x28)	.015	.38	.068	1.73	100 ^{††}	30.5	.8	.4	1-10
						1000 [▲]	304.8	7.0	3.2	1-10
83029*	18 (19x30)	.015	.38	.077	1.96	100 ^{††}	30.5	1.1	.5	1-10
						500 [▲]	152.4	5.5	2.5	2, 5, 6, 9, 10
						1000 [▲]	304.8	9.0	4.1	1-10
83030*	16 (19x29)	.015	.38	.088	2.24	100 ^{††}	30.5	1.3	.6	1-10
						500 [▲]	152.4	6.5	3.0	2, 9, 10
						1000 [▲]	304.8	12.0	5.4	1-10

*Complies with MIL-W-16878 except stranding.

[†]100 ft. put-ups are exact, but may contain 2 pieces max.

^{††}100 ft. put-ups are exact, one piece.

[▲]May contain more than one piece. Minimum length of any one piece is 25 ft.

Teflon is a DuPont trademark.



Teflon®

High-Temperature

UL AWM Style 1213 — 105°C

(Type E) MIL-W-16878/4

Teflon — 600V, 200°C

VW-1

Product Description

Stranded silver-coated copper conductor insulation with extruded TFE Teflon.



Part No.	AWG (stranding)	Insulation Thickness		Nominal OD		Standard Lengths		Standard Unit Weight		Stock Colors (See Color Codes Chart on Page 3.29)
		Inch	mm	Inch	mm	Ft.	m	Lbs.	kg	

105°C (UL) • 600V, 200°C (MIL-Spec)

UL AWM Style 1213 • (Type E) MIL-W-16878/4 — Teflon										
83000	30 (7x38)	.010	.25	.032	.81	100 †	30.5	.1	.05	1-10
						1000 ▲	304.8	1.0	.50	1-10
83001*	28 (7x36)	.010	.25	.035	.89	100 †	30.5	.2	.10	1-10
						1000 ▲	304.8	2.0	.90	1-10
83002	26 (7x34)	.010	.25	.039	.99	100 †	30.5	.2	.10	1-10
						500 ▲	152.4	1.0	.50	9
						1000 ▲	304.8	3.0	1.40	1-10
83003*	24 (19x36)	.010	.25	.043	1.09	100 †	30.5	.3	.10	1-10
						500 ▲	152.4	1.5	.70	1-10
						1000 ▲	304.8	3.0	1.40	1-10
83004	24 (7x32)	.010	.25	.043	1.09	100 †	30.5	.3	.10	1-10
						500 ▲	152.4	1.5	.70	2, 10
						1000 ▲	304.8	3.0	1.40	1-10
83005	22 (7x30)	.010	.25	.049	1.24	100 †	30.5	.4	.20	1-10
						500 ▲	152.4	2.5	1.10	2, 9, 10
						1000 ▲	304.8	4.0	1.80	1-10
83006*	22 (19x34)	.010	.25	.048	1.22	100 †	30.5	.4	.20	1-10
						500 ▲	152.4	2.5	1.10	1-10
						1000 ▲	304.8	4.0	1.80	1-10
83007*	20 (19x32)	.010	.25	.056	1.42	100 ††	30.5	.5	.20	1-10
						500 ▲	152.4	3.5	1.60	2, 6, 9, 10
						1000 ▲	304.8	6.0	2.70	1-10
83008	20 (7x28)	.010	.25	.058	1.47	100 †	30.5	.5	.20	1-10
						500 ▲	152.4	3.5	1.60	1-10
						1000 ▲	304.8	6.0	2.70	1-10

*Complies with MIL-W-16878 except stranding.

†100 ft. put-ups are exact, but may contain 2 pieces max. Minimum length of any one piece is 25 ft.

††100 ft. put-ups are exact, one piece.

▲May contain more than one piece. Length may vary ±10% from length shown.

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For more information, contact Belden Technical Support: 1-800-BELDEN-1 • www.belden.com

Teflon® High-Temperature

UL AWM Style 1371 — 105°C

(Type E) MIL-W-16878/4
Teflon — 600V, 200°C

VW-1

Product Description

Stranded silver-coated copper conductor insulation with extruded TFE Teflon.



UL AWM Style 1371 — 105°C

(Type ET) MIL-W-16878/6
Teflon — 250V, 200°C

VW-1

Product Description

Stranded silver-coated copper conductor insulation with extruded TFE Teflon.



Part No.	AWG (stranding)	Insulation Thickness		Nominal OD		Standard Lengths		Standard Unit Weight		Stock Colors (See Color Codes Chart on Page 3.29)
		Inch	mm	Inch	mm	Ft.	m	Lbs.	kg	

105°C (UL) • 600V, 200°C (MIL-Spec)

UL AWM Style 1371 • (Type E) MIL-W-16878/4 — Teflon										
83009*	18 (19x30)	.011	.28	.068	1.73	100 [†]	30.5	1.0	.5	1-10
						500 [▲]	152.4	4.5	2.0	1-10
						1000 [▲]	304.8	8.0	3.6	1-10
83010*	16 (19x29)	.012	.30	.076	1.93	100 [†]	30.5	1.2	.5	1-10
						500 [▲]	152.4	6.0	2.7	1-10
						1000 [▲]	304.8	11.0	5.0	1-10

*Complies with MIL-W-16878 except stranding.

[†]100 ft. put-ups are exact, one piece.

[▲]May contain more than one piece. Length may vary ±10% from length shown.

105°C (UL) • 250V, 200°C (MIL-Spec)

UL AWM Style 1371 • (Type ET) MIL-W-16878/6 — Teflon										
83041	32 (7x40)	.006	.15	.022	.56	100 ^{††}	30.5	.1	.05	6, 7, 10
						1000 [▲]	304.8	1.0	.50	6, 7, 10
83043	30 (7x38)	.006	.15	.024	.61	100 ^{††}	30.5	.1	.05	2, 5, 7-10
						1000 [▲]	304.8	1.0	.50	2, 5, 7, 9, 10
83045	28 (7x36)	.006	.15	.027	.69	100 ^{††}	30.5	.1	.051, 2, 5, 6, 9, 10	
						1000 [▲]	304.8	1.0	.501, 2, 5, 6, 9, 10	
83046	26 (7x34)	.006	.15	.031	.79	100 ^{††}	30.5	.2	.10	1-4, 6-9
						1000 [▲]	304.8	2.0	.90	1-4, 6-10
83047	24 (7x32)	.006	.15	.036	.91	100 ^{††}	30.5	.2	.10	6, 8-10
						1000 [▲]	304.8	2.0	.90	2, 6, 8-10
83048	24 (19x36)	.006	.15	.036	.91	100 ^{††}	30.5	.2	.101-3, 5, 7, 8, 10	
						1000 [▲]	304.8	2.0	.901-3, 5, 7, 8, 10	
83049	22 (7x30)	.006	.15	.042	1.07	100 ^{††}	30.5	.3	.10	1-10
						1000 [▲]	304.8	4.0	1.80	1-10
83050	22 (19x34)	.006	.15	.042	1.07	100 ^{††}	30.5	.3	.10	1-3, 5-9
						1000 [▲]	304.8	4.0	1.80	1-3, 5-9

^{††}100 ft. put-ups are exact, max. 2 pieces. Minimum length of any one piece is 25 ft.

[▲]May contain more than one piece. Length may vary ±10% from length shown.

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