



Section 14 High-temperature Cable

125°C (257°F).....	14.2–14.3
150°C (302°F).....	14.4
150/200°C (302/392°F).....	14.5–14.6
200°C (392°F).....	14.7–14.11
250°C (482°F).....	14.12
450°C (842°F).....	14.13
550°C.....	14.14

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A Marmon Wire & Cable/Berkshire Hathaway Company

High-temperature Cable

125°C (257°F)

EPDM (600 V)

EPDM insulation

600 V

UL 3284

SPECIFICATIONS

1. CONDUCTOR: Annealed, tinned copper
2. INSULATION: Ethylene Propylene Diene Monomer (EPDM). Sizes 8 AWG and larger have a paper separator between the conductor and the insulation
3. STANDARDS: UL Listed AWM Style 3284, also CSA CL 1254
4. TEMPERATURE: 125°C
5. VOLTAGE: 600 V

APPLICATIONS

For use as motor leads and internal wiring of appliances such as refrigerating equipment, room cooler units and heat pumps. For use as transformer leads, ballasts, solenoids, etc.

Anixter No.	Conductor Size AWG	No. of Strands	Insulation Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
5MF-1801-EPDM	18	16	0.047	0.140	13
5MF-1601-EPDM	16	26	0.047	0.154	18
5MF-1401-EPDM	14	41	0.047	0.169	24
5MF-1201-EPDM	12	65	0.047	0.188	34
5MF-1001-EPDM	10	105	0.063	0.241	55
5MF-0801-EPDM	8	133	0.078	0.330	93
5MF-0601-EPDM	6	133	0.078	0.380	134
5MF-0401-EPDM	4	133	0.078	0.441	192
5MF-0201-EPDM	2	266	0.078	0.496	279
5MF-0101-EPDM	1	817	0.093	0.563	351
5MF-1011-EPDM	1/0	1,045	0.093	0.610	430
5MF-2021-EPDM	2/0	1,330	0.093	0.654	532
5MF-3031-EPDM	3/0	1,672	0.093	0.714	643
5MF-4041-EPDM	4/0	2,109	0.093	0.780	811

All part numbers require color code designation.

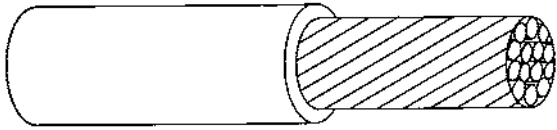
See Color Code chart in the Technical Information Section.

Diameters and weights may vary among manufacturers.



Belden EPDM (600 V)

BELDEN
 EPDM insulation/jacket
 600 V
 UL 3284, UL 3374; CSA 1254



SPECIFICATIONS

1. CONDUCTOR: Annealed, tinned copper
2. INSULATION: Ethylene Propylene Diene Monomer (EPDM). Sizes 8 AWG and larger have a paper separator between the conductor and the insulation
3. STANDARDS: UL 758 Listed. AWM Style 3284 and 3374. Also meets the requirements for CSA CL 1254
4. TEMPERATURE: 125°C flex, 150°C non-flex
5. VOLTAGE: 600 V

APPLICATIONS

For use as motor leads and internal wiring of appliances such as refrigerating equipment, room cooler units and heat pumps. For use as transformer leads, ballasts, solenoids, etc.

Anixter No.	Vendor No.	Conductor AWG	No. of Strands	Insulation Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
5MF-1601-EPDMB-XX	37116	16	26	0.045	0.155	18
5MF-1401-EPDMB-XX	37114	14	41	0.045	0.170	24
5MF-1201-EPDMB-XX	37112	12	65	0.045	0.197	34
5MF-1001-EPDMB-XX	37110	10	65	0.060	0.252	55
5MF-0801-EPDMB-XX	37108	8	84	0.080	0.327	93
5MF-0601-EPDMB-XX	37106	6	84	0.080	0.383	134
5MF-0401-EPDMB-XX	37104	4	105	0.080	0.440	192
5MF-0201-EPDMB-XX	37102	2	163	0.080	0.494	279
5MF-0101-EPDMB-02	37101	1	210	0.095	0.583	376
5MF-1011-EPDMB-02	37190	1/0	266	0.095	0.633	447
5MF-2021-EPDMB-02	37100	2/0	504	0.095	0.698	557
5MF-3031-EPDMB-02	37130	3/0	660	0.095	0.758	692
5MF-4041-EPDMB-02	37140	4/0	805	0.095	0.847	895

All part numbers require color code designation.
 See Color Code chart in the Technical Information Section.

High-temperature Cable

150°C (302°F)

Silicone Rubber - Braidless (600 V)

Silicone rubber

600 V

UL AWM Styles 3212, 3213, 3214

SPECIFICATIONS

1. CONDUCTOR: Tinned, annealed copper per ASTM B-33
2. INSULATION: Silicone rubber
3. STANDARDS: UL 758 Listed. AWM Styles 3212 (18-10 AWG), Style 3213 (8-2 AWG) and Style 3214 (1 AWG-4/0)
4. TEMPERATURE: 150°C
5. VOLTAGE: 600 V

APPLICATIONS

For use in high-temperature environments as leads for motors, lighting fixtures, clothes dryers, electric ranges and other electrical devices.

Anixter No.	Conductor Size AWG	No. of Strands	Insulation Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
8MB-1001	10	65	0.045	0.209	48
8MB-0801	8	133	0.060	0.283	82
8MB-0601	6	133	0.060	0.334	117
8MB-0401	4	133	0.060	0.390	176
8MB-0201	2	259	0.060	0.457	265
8MB-0101	1	259	0.080	0.540	326
8MB-1011	1/0	259	0.080	0.586	401
8MB-2011	2/0	259	0.080	0.639	496
8MB-3011	3/0	259	0.080	0.698	614
8MB-4041	4/0	259	0.080	0.765	802

All part numbers require color code designation.

See Color Code chart in Technical Information Section.

Diameters and weights may vary among manufacturers.

Belden Silicone Rubber - Glass Braid (600 V)

BELDEN

Silicone rubber insulation

Braided-glass jacket

600 V

UL AWM Styles 3069, 3070; CSA SEWF-2

SPECIFICATIONS

1. CONDUCTOR: Annealed, tinned copper
2. INSULATION: Silicone rubber
3. OVERALL JACKET: Braided-glass yarn treated with high-temperature finish
4. TEMPERATURE: 150°C
5. VOLTAGE: 600 V

APPLICATIONS

For use as motor lead with transformers and other high-temperature apparatus where a flexible cable is required.

Anixter No.	Vendor No.	Conductor AWG	No. of Strands	Insulation Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
8M-1816B-B-XX	30818	18	16	0.030	0.132	13
8M-1626B-B-XX	30816	16	26	0.030	0.145	18
8M-1441B-B-XX	30814	14	41	0.030	0.164	24
8M-1265B-B-XX	30812	12	65	0.030	0.186	34

All part numbers require color code designation.

See Color Code chart in Technical Information Section.



SKS

Silicone rubber insulation
 Braided-glass jacket
 600 V



SPECIFICATIONS

1. CONDUCTOR: Tinned copper per ASTM B-33, Class H stranded per ASTM B-173 or Class K stranded per ASTM B-174
2. INSULATION: Silicone rubber
3. CONDUCTOR JACKET: Braided-glass yarn, impregnated with high-temperature finish
4. COLOR CODING: Per ICEA S-19-91 (NEMA WC3), Table E-2
5. ASSEMBLY: Insulated conductors cabled with flame-retardant fillers (K-fiber) as necessary to make round, thermal barrier of overlapped binder tape applied over the cable core
6. OVERALL JACKET: Braided K-fiber yarn impregnated with abrasion-resistant finish
7. ARMOR: Stainless steel braid
8. TEMPERATURE: See chart below
9. VOLTAGE: 600 V

APPLICATIONS

Used in any industrial areas where resistance to high heat, abrasion, moisture, flame and hot material spills is required. Also used where there is continuous flexing, bending, traversing, reeling and unreeling.

Anixter No.	Conductor Size AWG	No. of Conductors	No. of Strands	Temperature °C	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
8SP-1204	12	4	65	150	0.050	0.115	0.720	329
8SP-0804	8	4	133	150	0.070	0.115	0.990	564
8SP-0604	6	4	133	150	0.070	0.115	1.095	792
8SP-0404	4	4	133	200	0.070	0.115	1.230	1,065
8SP-0204	2	4	133	200	0.070	0.115	1.400	1,474

Diameters and weights may vary among manufacturers.

High-temperature Cable

150/200°C (302/392°F)

SRG

Silicone rubber insulation
Braided-glass jacket
600 V
UL and CSA



SPECIFICATIONS

1. CONDUCTOR: Tinned, annealed copper per ASTM B-33, Class H stranded per ASTM B-173 or Class K stranded per ASTM B-174
2. INSULATION: Silicone rubber
3. OVERALL JACKET: Braided-glass yarn treated with high-temperature finish
4. STANDARDS: Sizes 18-6 AWG meet the UL requirements for Styles 3069, 3070, 3101, 3123, 3127 (150°C), sizes 4-4/0 meet the UL requirements for Styles 3071, 3074, 3075, 3125, 3172, 3231 (200°C), sizes 18-6 AWG also meets the CSA requirements for SEWF-2 (150°C), sizes 4-4/0 meet the requirements for SEW-2 (200°C)
5. AMPACITY: Based on three single insulated conductors in raceway or cable with an ambient temperature of 40°C per 2008 NEC 310.18
6. TEMPERATURE: See chart below
7. VOLTAGE: 600 V

APPLICATIONS

For use as motor lead with transformers and other high-temperature apparatus where a flexible cable is essential.

Anixter No.	Conductor Size AWG	No. of Strands	Temperature °C	Insulation Thickness (in.)	Braid Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
8M-1801	18	16	150	0.030	0.007	0.123	12	20
8M-1601	16	26	150	0.030	0.007	0.135	16	26
8M-1401	14	41	150	0.030	0.007	0.149	22	34
8M-1201	12	65	150	0.030	0.007	0.168	30	43
8M-1001	10	105	150	0.047	0.007	0.222	51	55
8M-0801	8	133	150	0.063	0.012	0.315	89	76
8M-0601	6	133	150	0.063	0.012	0.369	130	96
8M-0401	4	133	200	0.063	0.012	0.419	184	125
8M-0201	2	259	200	0.063	0.013	0.479	276	171
8M-0101	1	259	200	0.080	0.013	0.566	356	197
8M-1011	1/0	259	200	0.080	0.013	0.612	430	229
8M-2021	2/0	259	200	0.080	0.013	0.665	544	260
8M-3031	3/0	259	200	0.080	0.012	0.724	648	297
8M-4041	4/0	259	200	0.080	0.013	0.797	808	346

All part numbers require color code designation.
See Color Code chart in Technical Information Section.
Diameters and weights may vary among manufacturers.

SF-2

Silicone rubber insulation
Braided-glass jacket
600 V
UL SF-2 and AWM 3231 and 3071, CSA SEW-2

SPECIFICATIONS

1. CONDUCTOR: Tinned, annealed copper per ASTM B-33, Class B stranded per ASTM B-8
2. INSULATION: Silicone rubber
3. OVERALL JACKET: Braided-glass yarn with high-temperature finish
4. STANDARDS: 18, 16, and 14 AWG meet the UL requirements for Type SF-2 and AWM Styles 3231 and 3071. 10 and 12 AWG meet UL AWM Style 3231 only
All sizes also meet the CSA requirements for SEW-2
5. AMPACITY: Based on three single insulated conductors in raceway or cable with an ambient temperature of 40°C per 2008 NEC 310.18.
Allowable ampacity for use as fixture wire can be found in Table 402.5 of the 2008 NEC
6. TEMPERATURE: 200°C
7. VOLTAGE: 600 V

APPLICATIONS

For use as motor lead with transformers and other high-temperature apparatus where a flexible cable is essential.

Anixter No.	Conductor Size AWG	No. of Strands	Insulation Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
8E-1801-XX	18	7	0.030	0.121	12	20
8E-1601-XX	16	7	0.030	0.132	16	28
8E-1401-XX	14	7	0.030	0.145	22	36
8E-1201-XX	12	19	0.030	0.162	32	45
8E-1001-XX	10	19	0.045	0.217	52	60

All part numbers require color code designation.
See Color Code chart in Technical Information Section.
Diameters and weights may vary among manufacturers.

High-temperature Cable

200°C (392°F)

Belden Silicone Rubber - Glass Braid (600 V)

BELDEN

Silicone rubber insulation

Braided-glass jacket

600 V

UL AWM Styles 3071, 3074, 3075, 3125, 3126; CSA SEW-2

SPECIFICATIONS

1. CONDUCTOR: Annealed, tinned copper
2. INSULATION: Silicone rubber
3. OVERALL JACKET: Braided-glass yarn with high-temperature finish
4. TEMPERATURE: 200°C
5. VOLTAGE: 600 V

APPLICATIONS

For use as motor lead with transformers and other high-temperature apparatus where a flexible cable is required.

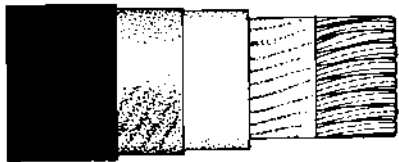
Anixter No.	Vendor No.	Conductor AWG	No. of Strands	Insulation Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
8E-1801-B-XX	32418	18	7	0.030	0.133	15
8E-1601-B-XX	32416	16	7	0.030	0.145	19
8E-1401-B-XX	32414	14	7	0.030	0.167	24
8E-1201-B-XX	32412	12	19	0.030	0.190	35
8E-1001-B-XX	32410	10	19	0.045	0.248	56
8E-0801-B-XX	30808	8	54	0.060	0.313	96
8E-0601-B-XX	30806	6	84	0.060	0.377	142
8E-0401-B-XX	30804	4	105	0.060	0.433	209
8E-0201-B-XX	30802	2	163	0.060	0.505	298
8E-1011-B-XX	30890	1/0	262	0.080	0.679	498

All part numbers require color code designation.

See Color Code chart in Technical Information Section.

SRK

Silicone rubber insulation
Braided K-fiber jacket
600 V
UL AWM Style 3410



SPECIFICATIONS

1. CONDUCTOR: Tinned, annealed copper per ASTM B-33, Class H stranded per ASTM B-173
2. INSULATION: Silicone rubber
3. OVERALL JACKET: K-fiber braid with abrasion-resistant finish
4. STANDARDS: Meets the UL requirements for AWM Style 3410 (26-500 kcmil), meets the UL requirements for Type SA-90°C (14-500 kcmil), sizes 1/0 and larger pass the IEEE 383 Flame Test
5. AMPACITY: Based on three single insulated 200°C rated conductors in raceway or cable with an ambient temperature of 40°C per 2008 NEC 310.18
6. TEMPERATURE: 150°C - 200°C
7. VOLTAGE: 600 V

APPLICATIONS

For installation above grade or in conduit in applications where high-temperature resistance to flame with circuit integrity is required. Suited for internal wiring of appliances and electrical equipment where moisture, cold and/or heat may be present.

Anixter No.	Conductor Size AWG	No. of Strands	Insulation Thickness (in.)	Braid Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
8MK-0801	8	133	0.060	0.035	0.368	96	83
8MK-0601	6	133	0.060	0.035	0.413	134	110
8MK-0401	4	133	0.060	0.035	0.469	192	125
8MK-0201	2	133	0.060	0.035	0.538	281	171
8MK-0101	1	259	0.080	0.035	0.621	366	197
8MK-1011	1/0	259	0.080	0.035	0.670	447	229
8MK-2021	2/0	259	0.080	0.035	0.723	546	260
8MK-4041	4/0	259	0.080	0.036	0.847	819	346
8MK-2501	250	427	0.095	0.035	0.931	981	385
8MK-3501	350	427	0.095	0.035	1.050	1,332	486
8MK-5001	500	427	0.095	0.035	1.201	1,837	593

Diameters and weights may vary among manufacturers.

High-temperature Cable

200°C (392°F)

SRGK

Silicone rubber insulation
Glass braid/braided K-fiber jacket
600 V



SPECIFICATIONS

1. CONDUCTOR: Tinned, annealed copper per ASTM B-33, Class B stranded per ASTM B-8
2. INSULATION: Silicone rubber
3. INSULATION COVERING: Braided-glass yarn with high-temperature finish
4. COLOR CODE: Per ICEA Method 5, Table E-2 or Table E-1*
5. ASSEMBLY: Conductors are cabled with flame-retardant fillers as necessary to make round, a binder tape is applied over the assembly
6. OVERALL JACKET: K-fiber braid with abrasion-resistant finish
7. STANDARDS: Meets the requirements of ICEA S-19-81 (NEMA WC3) 'Rubber Insulated Wire and Cable' and also meets the IEEE 383 Flame Test
8. AMPACITY: Based on three single 200°C rated insulated conductors in raceway or cable with an ambient temperature of 40°C per NEC 310.18, values are derated for additional conductors per 2008 NEC Table 310.15(B)(2)(a).
9. TEMPERATURE: 200°C
10. VOLTAGE: 600 V

APPLICATIONS

Suitable for installation above grade in conduit or in applications where high-temperature resistance to flame with circuit integrity is required. These cables are especially suited for utility applications in conventional generating stations or industrial applications.

Anixter No.	Conductor Size AWG	No. of Conductors	No. of Strands	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
8N-1402	14	2	7	0.053	0.035	0.445	84	36
8N-1403	14	3	7	0.053	0.035	0.475	111	36
8N-1404	14	4	7	0.053	0.035	0.525	143	29
8N-1407	14	7	7	0.053	0.035	0.630	223	25
8N-1409	14	9	7	0.053	0.035	0.740	293	25
8N-1412	14	12	7	0.053	0.035	0.840	373	18
8N-1202	12	2	7	0.053	0.035	0.485	112	45
8N-1203	12	3	7	0.053	0.035	0.515	139	45
8N-1204	12	4	7	0.053	0.035	0.570	172	36
8N-1205	12	5	7	0.053	0.035	0.625	218	36
8N-1207	12	7	7	0.053	0.035	0.685	285	31
8N-1209	12	9	7	0.053	0.035	0.810	376	31
8N-1212	12	12	7	0.053	0.035	0.920	483	22
8N-1002	10	2	7	0.053	0.035	0.530	141	60
8N-1004	10	4	7	0.053	0.035	0.625	232	48

Diameters and weights may vary among manufacturers.

*For E-1 add -1 suffix to part number.

SiI-A-Blend

RADIX WIRE CO

Silicone rubber with intermediate fiberglass layer

600 V

UL 3512, 3604

SPECIFICATIONS

1. CONDUCTOR: Tinned, annealed copper per ASTM B-33
2. INSULATION: Silicone rubber with an intermediate fiberglass layer
3. STANDARDS: Meets UL requirements for Style 3512 and 3604, also meets the CSA requirements for AWM at 200°C
4. TEMPERATURE: 200°C
5. VOLTAGE: 600 V

APPLICATIONS

For use in small and large appliances, food-service equipment, lighting fixtures, igniters, motors, generators and transformers.

Anixter No.	Conductor Size AWG	No. of Strands	Temperature °C	Insulation Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
8SB-1801	18	7	200	0.036	0.119	11	18
8SB-1601	16	7	200	0.036	0.130	15	24
8SB-1401	14	7	200	0.036	0.144	20	36
8SB-1201	12	19	200	0.036	0.161	29	45
8SB-1001	10	19	200	0.051	0.215	47	60
8SB-0801	8	54	200	0.068	0.276	78	83
8SB-0601	6	84	200	0.068	0.346	118	110
8SB-0401	4	133	200	0.068	0.396	175	125
8SB-0201	2	259	200	0.068	0.473	261	171
8SB-0101	1	259	200	0.088	0.554	340	197
8SB-1011	1/0	259	200	0.088	0.600	416	229
8SB-2021	2/0	259	200	0.088	0.653	512	260
8SB-3031	3/0	259	200	0.088	0.712	632	297
8SB-4041	4/0	259	200	0.088	0.777	780	346

Diameters and weights may vary among manufacturers.

High-temperature Cable

250°C (482°F)

TGGT

PTFE/glass

Fiberglass-braid composite

600 V

UL 5256/5196

SPECIFICATIONS

1. CONDUCTOR: Nickel-plated copper per ASTM B-355, Class K stranded per ASTM B-174 (18-10 AWG) or Class H stranded per ASTM B-173 (8-2 AWG)
2. COMPOSITE INSULATION: PTFE tape wrapped in concentric layers and a wall of glass fiber wrap impregnated with a high-temperature finish
3. OVERALL JACKET: Braided-glass yarn impregnated with an abrasion-resistant finish
4. STANDARDS: Meets the UL requirements for AWM Style 5256/5196, also meets the requirements for CSA Type C3
5. AMPACITY: Based on three single insulated conductors in raceway or cable with an ambient temperature of 40°C per 2008 NEC 310.18
6. TEMPERATURE: 250°C
7. VOLTAGE: 600 V

APPLICATIONS

For use as internal wiring of commercial and industrial heating and cooking equipment and similar high-temperature appliances.

Anixter No.	Conductor Size AWG	No. of Strands	Composite Insulation Thickness (in.)	Serve Thickness (in.)	Braid Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
8TGG-1801	18	19	0.010	0.005	0.008	0.091	9	20
8TGG-1601	16	26	0.013	0.005	0.007	0.107	14	26
8TGG-1401	14	41	0.013	0.005	0.006	0.121	19	39
8TGG-1201	12	65	0.013	0.005	0.006	0.139	28	54
8TGG-1001	10	105	0.013	0.005	0.006	0.164	42	73
8TGG-0801	8	133	0.013	0.005	0.006	0.212	66	93
8TGG-0601	6	133	0.017	0.008	0.009	0.269	108	117
8TGG-0401	4	133	0.017	0.008	0.011	0.269	164	148
8TGG-0201	2	133	0.017	0.008	0.009	0.398	248	191

All part numbers require color code designation.

Diameters and weights may vary among manufacturers.



TMMG

TFE/mica tape/K-fiber

Stainless steel armor

600 V

SPECIFICATIONS

1. CONDUCTOR: Nickel-coated copper per ASTM B-33, Class K stranded per ASTM B-174 or Class H stranded per ASTM B-173
2. INSULATION: TFE and mica tapes and a glass braid impregnated with a high-temperature finish
3. CONDUCTOR COVERING: Glass braid and mica tapes
4. CONDUCTOR JACKET: Braided-glass yarn impregnated with an abrasion-resistant finish
5. COLOR CODE: Per ICEA Method 2, Table E-2
6. ASSEMBLY: Conductors are cabled with flame-retardant fillers as necessary to make round, a heat-resistant binder is applied overall
7. OVERALL JACKET: K-fiber braid impregnated with additional moisture, flame and abrasion inhibitors
8. OVERALL ARMOR: Stainless steel armor
9. TEMPERATURE: 250°C
10. VOLTAGE: 600 V

APPLICATIONS

For use around blast furnaces, or where subject to sparks, splashing metal and repeated heating and cooling.

Anixter No.	Conductor Size AWG	No. of Conductors	No. of Strands	Composite Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
8TM-0604	6	4	133	0.087	0.055	1.080	792

Diameters and weights may vary among manufacturers.



MG

Mica composite
Braided-glass jacket
600 V
UL AWM Style 5107/5335



SPECIFICATIONS

1. CONDUCTOR: Nickel-plated copper per ASTM B-355, Class K stranded per ASTM B-174 or Class H stranded per ASTM B-173
2. INSULATION: Mica composite
3. OVERALL JACKET: Braided-glass yarn impregnated with high-temperature finish
4. STANDARDS: UL Listed for 450°C with a 538°C maximum (non UL), meets the UL requirements for AWM Style 5107/5335
5. TEMPERATURE: 450°C
6. VOLTAGE: 600 V

APPLICATIONS

Wiring of very high-temperature commercial or industrial equipment. Useful for high-temperature environments where lower-rated cables will not work adequately.

Anixter No.	Conductor Size AWG	No. of Strands	Composite Insulation Thickness (in.)	Braid Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
8TC-1801	18	16	0.025	0.007	0.114	11
8TC-1601	16	26	0.025	0.007	0.127	15
8TC-1401	14	41	0.025	0.007	0.140	21
8TC-1201	12	65	0.025	0.007	0.163	30
8TC-1001	10	105	0.030	0.015	0.214	51
8TC-0801	8	133	0.030	0.015	0.261	75
8TC-0601	6	133	0.030	0.015	0.304	111
8TC-0401	4	133	0.030	0.015	0.360	166

Diameters and weights may vary between manufacturers.

High-temperature Cable

550°C

DuraFlex 550°C (1,022°F)

RADIX WIRE CO
Mica-composite insulation
Braided-glass jacket
Modified silicone coating

**SPECIFICATIONS**

1. CONDUCTOR: Nickel-plated copper 27 percent or solid "A" nickel
2. INSULATION: Mica composite
3. JACKET: Braided-glass yarn
4. OUTER COATING: Modified silicone
5. STANDARDS: UL Listed for 550°C, meets UL requirements for Style 5400, also meets the CSA requirements for AWM at 550°C
6. TEMPERATURE: 550°C (1,022°F)
7. VOLTAGE: 600 V

APPLICATIONS

For use in extreme environments where added thermal protection is required such as glass or ceramic sleeving. Applications include household and commercial appliances, heater elements, igniters, commercial cooking equipment, industrial furnaces and plastics equipment.

Anixter No.	Conductor Size AWG	No. of Strands	Temperature °C	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
8DF-1801	18	16	550	0.124	10	23
8DF-1601	16	26	550	0.145	17	30
8DF-1401	14	41	550	0.159	23	45
8DF-1201	12	65	550	0.182	34	56
8DF-1001	10	105	550	0.212	57	75
8DF-0801	8	133	550	0.266	80	104

Diameters and weights may vary among manufacturers.