Style 5294 Single conductor with other-than-extruded insulation

Rating	350 deg C, 300 Vac, Horizontal flame.
Conductor	24 AWG - 10 AWG solid or stranded round.
Insulation	Mica Tape, 6 mils minimum average thickness; Treated Glass Fiber Wrap, 12 mils minimum average thickness
Covering	Treated Glass Braid.
Standard	Appliance Wiring Material UL 758.
Marking	General
Use	Internal wiring of appliances where totally enclosed and not subject to servicing.

Style 5285 Single conductor with other-than-extruded insulation.

Rating	350 deg C, 300 Vac, Horizontal flame.
Conductor	24 AWG - 10 AWG solid or stranded.
Insulation	Composite insulation of Varnish impregnated glass-fiber, 45 mils min average, 40 mils minimum at any point.
Standard	Appliance Wiring Material UL 758.
Marking	General.
Use	Internal wiring of appliances where not subjected to flexing or movement after installation and protected from mechanical abuse.

Style 5304 Single conductor with other-than-extruded insulation.

Rating	350 deg C, 600 Vac, Horizontal flame.
Conductor	24 AWG - 10 AWG, solid or stranded.
Insulation	Mica glass tape, 6 mils minimum thickness.
Covering	Treated glass braid, 20 mils minimum average thickness.
Standard	Appliance Wiring Material UL 758.
Marking	General.
Use	Internal wiring where totally enclosed and not subject to servicing.

Style 5168 Single conductor with other-than-extruded insulation

Rating	450 deg C, 300 Vac, Horizontal flame.
Conductor	24 AWG - 4/0 AWG, solid or stranded in sizes 24 - 8 AWG, larger sizes stranded only.
Insulation	FIBERGLASS or MICA, 17 mils min average, 15 mils minimum at any point.
Braid	For conductor 24-12 AWG, 5 mils min avg of inner glass braid, 5 mils min avg of mica tapes and 7 mils min avg of outer glass braid; 11-4 AWG, 10 mils avg, 10 mils avg and 15 mils avg as described; 3-4/0 AWG, 10 mils avg, 13 mils avg and 20 mils avg as described.
Standard	Appliance Wiring Material UL 758.
Marking	General.
Use	Internal Wiring of similar high-temperature equipment where not subjected to repeated flexing and protected from mechanical abuse. (The acceptability, including current-carrying capacity, has been determined by Underwriters Laboratories Inc.)

Style 5334 Single conductor with other-than-extruded insulation.

Rating 450 deg C, 300 Vac, Horizontal flame.

Conductor 24 AWG - 4 AWG, solid or stranded.

Insulation and Braid Non-extruded Mica with Glass Braid.

AWG Size	Min Avg wall of Composite Mica Glass (mils)	Min Avg thickness of Glass Braid Treated with Silicone Varnish or TFE Finish (mils)
24-12	17	5
11-4	20	10

Shield Optional. stainless steel, alloy 304, applied as a braid over the treated glass braid.

Standard Appliance Wiring Material UL 758.

Marking General.

Use Wiring of ovens or similar high-temperature equipment where protected from mechanical abuse and where the acceptability, including current-carrying capacity, has been determined by Underwriters Laboratories Inc.

Style 5128 Single or Multiple conductor with other-than-extruded insulation..

Rating 450 deg C, 300 Vac, Horizontal flame.

Conductor 24 AWG - 4 AWG, solid or stranded.

Insulation Non-extruded Mica tape (see below), or Mica composite (see facing page).

Conductor AWG size	Min Avg. wall of Mica tape (mils)	Min Avg. thickness of Glass braid treated with Silicone Varnish or TFE Finish (mils)
24 - 12	15	7
11 - 4	20	15

Shield Optional. Stainless steel, alloy 304, applied as a braid over the treated glass braid.

Assembly Optional, two or more conductors described above, may be cabled together with a max O.D. of 1.500 inches. A Mica glass binder and/or fiberglass fillers may be employed. The assembly may have an overall treated glass braid.

Standard Appliance Wiring Material UL 758.

Marking General.

Use Internal Wiring of high-temperature equipment where not subjected to repeated flexing and protected from mechanical abuse. (The acceptability, including current-carrying capacity, has been determined by Underwriters Laboratories Inc.).

Style 5335 Single or multiple conductor with non-extruded insulation

Rating 450 deg C, 600 Vac, Horizontal flame.

Conductor 22 AWG - 4/0 AWG. Solid or stranded in sizes 22-8 AWG; larger sizes stranded only.

Insulation Mica with Glass Braid

Material	Conductor size	Minimum average thickness
Mica	22-12 AWG	23 mils
Mica	11-4 AWG	27 mils
Mica	2-4/0 AWG	32 mils
Glass braid treated with silicone varnish or TFE finish	22-12 AWG	5 mils
Glass braid treated with silicone varnish or TFE finish	11-4 AWG	10 mils
Glass braid treated with silicone varnish or TFE finish	3-4/0 AWG	15 mils

Assembly Optional. Two or more conductors described above, may be cabled together with a max O.D. of 1.500 inches. A mica glass binder and/or fiberglass fillers may be employed. The assembly has an overall treated glass braid.

Shield (Optional) Nos. 36-30 AWG Type "A" Nickel or 27% minimum nickel coated copper or nickel-chromium-iron or stainless steel, 304.

Standard Appliance Wiring Material UL 758.

Marking General.

Use Internal Wiring where protected from mechanical abuse.

Style 5107 Singke or Multiple conductor with other-than-extruded insulation

Rating 200 or 450 deg C, 600 Vac, Horizontal flame.

Conductor 26 AWG - 550 kcmil. Solid or stranded for sizes 26 - 8 AWG; Stranded only for larger sizes than 8 AWG.

Insulation Mica tape with braid, or Mica composite (see Facing Page) with braid.

Conductor size	Min average thickness of Mica tape	Min average thickness of Glass Braid Treated with Silicone Varnish or TFE Finish
26 - 12 AWG	25 mils	7 mils
11 - 4 AWG	30 mils	15 mils
3 - 4/0 AWG	35 mils	20 mils
250 - 550 kcmil	40 mils	20 mils

Assembly Optional, two or more insulated conductors, may be cabled together with a max O.D. of 1.500 inches. A mica glass binder and/or fiberglass fillers may be employed.

Shield Optional, 36 - 30 AWG strands.

Covering Optional, over assembly, treated glass braid.

Standard Appliance Wiring Material UL 758.

Marking General.

Use Internal Wiring of high-temperature equipment where not subjected to repeated flexing and protected from mechanical abuse, and where the acceptability, including current-carrying capacity, has been determined by Underwriters Laboratories Inc.

Style 5138 Single conductor with other-than-extruded insulation.

Rating 450 deg C, 600 Vac.

Conductor 18 AWG - 2 AWG, stranded, Type A, 27 percent minimum nickel coated copper.

Insulation Fiber and mica.

Conductor size	Glass fiber tape	Mica	Glass fiber tape	Glass braid
18 - 10 AWG	-	27 mils	15 mils	20 mils
8 - 2 AWG	15 mils	27 mils	20 mils	20 mils

Standard Appliance Wiring Material UL 758.

Marking General.

Use Internal wiring of similar high-temperature equipment where not subjected to repeated flexing and protected from mechanical abuse. (The acceptability, including current-carrying capacity, has been determined by Underwriters Laboratories Inc.)