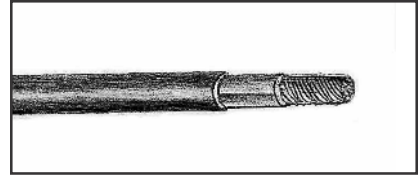


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MGT APPLIANCE WIRE Mica/Glass Composite Insulation, Overall Glass Braid Jacket 600 Volt, 450°C (UL) 538°C (Non-UL)

Description: • Nickel plated copper per ASTM B355; Class K stranding per ASTM B174 or Class H stranding per ASTM B173. • Overall Jacket of braided glass yarn impregnated with flame, heat, and moisture resistant Teflon® finish with a tan color. • Overall Shield (Optional): "A" Nickel or Class 27 nickel plated copper braid. • Insulation of glass reinforced mica tapes. • Sizes No. 20 AWG - No. 4/0 AWG. • MGT Appliance Wire is available with nickel, nickel plated iron, stainless steel, monel, or other high temperature conductors.

Application: MGT Appliance Wire is designed for use in wiring ovens or other high temperature equipment where temperature requirements do not exceed 450 or 538°C. MGT Appliance Wire is ideally suited for applications where extremely high temperatures are present such as: iron and steel, glass, OEM, primary metal and possesses a superior ability to maintain circuit integrity under flames-singles up to 30 hours in a conduit under flame conditions. MGT Appliance Wire is flexible and easy to install.

Features and Benefits: • Temperature Ratings: (UL) listed 450°C Maximum (Non-UL listed) 538°C • MGT Appliance Wire listings: (UL) Style 5107, 600 Volt Appliance Wire in conductor sizes No. 20 AWG - No. 4/0 AWG (UL) Style 5128, 300 Volt Appliance Wire in conductor sizes No. 24 AWG - No. 4 AWG (available upon request) Nickel coated copper conductor maintains flexibility and conductivity at increased temperatures. Class K or H stranding provides additional flexibility. • Glass reinforced mica tape insulation provides excellent dielectric properties and superior high temperature resistance. • Overall glass braid jacket provides moisture and flame resistance and mechanical protection. • MGT Appliance Wire contains no asbestos and is constructed of primarily non-combustible inorganic materials and emits minimal smoke when burned.

Catalog	Size AWG	No. of Strands	Glass/Mica Tape	Glass Braid	Overall Thickness	Net Weight
P01J4	20	10	.025	.007	.11"	8 lbs/mft
P02J4	18	16	.025	.007	.12"	12 lbs/mft
P03J4	16	26	.025	.007	.13"	16 lbs/mft
P04J4	14	41	.025	.007	.15"	22 lbs/mft
P05J4	12	65	.025	.007	.17"	31 lbs/mft
P06J4	10	105	.030	.015	.22"	53 lbs/mft
P07J4	8	133	.030	.015	.26"	76 lbs/mft
P08J4	6	133	.030	.015	.31"	111 lbs/mft
P09J4	4	133	.030	.015	.36"	166 lbs/mft
P10J4	2	133	.035	.020	.45"	260 lbs/mft
P11J4	1	259	.035	.020	.49"	325 lbs/mft
P12J4	1/0	259	.035	.020	.54"	400 lbs/mft
P13J4	2/0	259	.035	.020	.60"	490 lbs/mft
P14J4	3/0	259	.035	.020	.66"	623 lbs/mft
P15J4	4/0	259	.035	.020	.72"	760 lbs/mft

* Shipping Tolerances +/-10%

1-800-945-5542

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