



ESSEX BROWNELL IS THE EXCLUSIVE DISTRIBUTOR FOR PPE MAGNET WIRE IN NORTH AMERICA, CENTRAL AMERICA AND THE CARIBBEAN.



PPE is the largest Brazilian Magnet Wire company, as well as the leading manufacturer in South America. PPE has serviced the North American market for over 25 years and offers a full spectrum of sizes and shapes, in the complete range of enamels, tapes, fibers and CTC. PPE is known worldwide for the highest quality magnet wire, coupled with a sensitivity and expertise in delivering the most demanding requirements to the major producers of transformers, generators, motors and electronic equipment.

Customer Focused... Performance Driven

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ENAMELED PRODUCTS

PPE FIOS ESMALTADOS produces a full range of products, including round, square and rectangular magnet wires, in copper and aluminum. PPE also produces Transposed Cables up to 61 wires. Insulation systems include a complete variety of enamels, paper, film-wrapped, and fiber coverings. In many cases, custom engineered products can be offered.

INVEFORM 105 - MW-15C, MW-18C

Inveform 105 magnet wire is coated with polyvinyl formal resin offering exceptional toughness, windability and dielectric strength. Requires mechanical or chemical stripping. Freon / mineral transformer oil resistant. UL recognized.

INVESOLD-NY 130 - MW-28C

Invesold-NY 130 magnet wire is a dual film construction with a base-coat of polyurethane and a top-coat of polyamide (nylon). Standard color is red. It has excellent solderability (9-23awg@430°C, 24-44@360°C), windability, and craze resistance. UL recognized.

INVESOLD 155 - MW-79C

Invesold 155 magnet wire is insulated with a smooth, uniform film of modified polyurethane resin. Standard color is red. This product has excellent solderability (25-46awg@390°C, 47-52@360°C) and thermal properties. UL recognized.

INVESOLD 180 - MW-82C

Invesold 180 magnet wire is coated with a smooth, uniform coat of modified polyurethane. Standard color is red. It has excellent solderability (25-46awg@390°C, 47-52@360°C), windability, and pin hole resistance.

INVESOLD-NY 155, INVESOLD-NY 180 MW-80C and MW-83C

Invesold-NY 155 and Invesold NY 180 magnet wires have a dual film construction with a base-coat of modified polyurethane and a top-coat of polyamide (nylon). Standard color is red. They have excellent solderability (14-23awg@430°C, 24-44@390°C), windability, and pin hole resistance. Invesold-NY 155 is UL recognized.

INVETERM 180, INVETERM-W 180, MW-72C, MW-30C

Inveterm 180 and Inveterm-W 180 magnet wires have a smooth film of modified polyesterimide. Standard color is natural. They have excellent electrical, chemical and thermal properties. Inveterm 180 is Freon resistant. All systems are UL recognized.

INVETERM-SD 180, MW-77C

Inveterm Solderable 180 magnet wire is insulated with a dual film construction with a base-coat of solderable polyesterimide. Solderable at 470°C, excellent windability, craze and solvent resistance. UL recognized.

INMEMID 200 - MW-35C, 36C, 73C

Inmemid 200 magnet wire has a dual film construction with a base-coat of polyesterimide and a top-coat of polyamideimide. Thermoplastic flow values are in excess of 300°C and there is an excellent balance of all other properties, as well as compatibility with most solvents and varnish systems, including Freon. Excellent transformer oil resistance. UL recognized.

INMEMID-CR 200

Inmemid-CR 200 magnet wire is the corona resistant formulation of Inmemid 200C. It has a three coat MW 35 C film construction with a base-coat of polyesterimide followed by polyesterimide with a mineral addition, and a top-coat of amideimide with a PTFE addition. It has excellent balance of all other properties, as well as compatibility with most solvents and varnish systems. UL recognized.

INMEMID-AT 220 - MW-81C

Inmemid-AT 220 magnet wire is insulated with a smooth, uniform film of polyamideimide. It has an excellent balance of all properties as well as being Freon resistant, and is recommended for high thermal requirements.

INVETEMP 240 - MW-16C, 20C

Invetemp 240 magnet wire is insulated with a smooth, uniform film of polyimide. It is specified where high thermal requirements and chemical resistance are desired.

INVEFIX 155 MW-130C

Invefix 155 is a bondable magnet wire with a base-coat of modified polyurethane and a top-coat of polyvinylbutyl or bondable polyamide. It has a soldering temperature of 360°C, a bonding temperature of 125 to 150°C, in oven or electrically and is best activated chemically with alcohol application.

INVEBOND 180 - SOLDERABLE

Invebond 180 is a bondable magnet wire with a base-coat of solderable polyester and a top-coat of polyester. It has a soldering temperature of 470°C, bonding temperature of 175 – 200°C, in oven or electrically and is best activated chemically with an application of ketones. UL recognized.

INVEBOND 180

Invebond 180 is a bondable magnet wire with a base-coat of polyesterimide and a top-coat of polyester. It is not solderable. It is bondable at a temperature of 175 – 200°C, in oven or electrically and is best activated chemically with an application of ketones. UL recognized.

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PPE IS ISO/TS 16949 CERTIFIED, ALONG WITH BEING CERTIFIED TO THE HIGHEST WORLDWIDE STANDARDS ORGANIZATIONS FOR QUALITY AND ENVIRONMENTAL CONCERNS.

