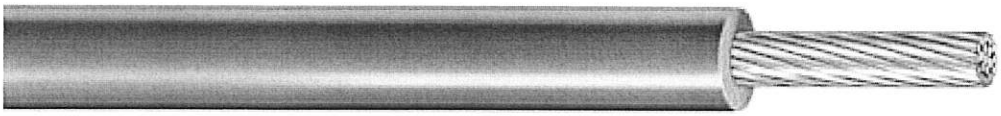
THERMAL
Wire and Cable, LLC

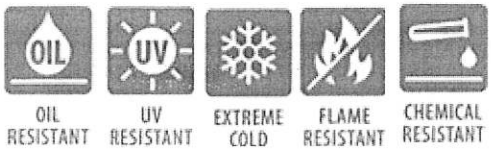


250°C (482°F) PTFE Insulated High-Voltage Lead Wire 25KVDC

Features and Benefits:

- UL Recognized
- Chemically inert to nearly all industrial chemicals and solvents.
- Low coefficient of friction, slipperiest substance known to man
- Suitable for immersion in gasoline
- 100% Fiberglass free (No airborne fibers)
- Designed for high speed cutting and stripping machines
- Conductor: Nickel- Plated Copper
- INSULATION MATERIAL PASSES:

- National Electrical Code (NEC) – Articles 310, 340, 402, 725
- NEMA – HP-100/HP-100-2; WC-3 (ICEA S-19-81);
- MIL Specs – MIL-C-17; MIL-W-22759/16-19; MIL-C-27500
- IEEE – Standards 1, 323, 383-1974
- NFPA – Standard 258 (Smoke)UL – UL Subject 13, 83, 94



Applications

Naples FL / Tulsa OK / Houston TX / Nashville TN USA• Tel.: 239-430-9473 • Fax: 239-435-1779
Website: www.thermalwire.com • E-mail: sales@thermalwire.com

THERMAL
Wire and Cable, LLC

PTFE high voltage ignition cable typical applications include, gas ignitor systems for furnaces, and internal wiring for electronic gas ignitor system.

Options:

- **Various colors available to aid in positive identification**
- **Stainless steel braid is available for additional mechanical protection**
- **Options: Solid or stranded Grade A (Nickel 200) available**
- **Fiberglass braid or stainless steel braid for increased mechanical**
- **Larger sizes available upon request.**
- **Available in 24 AWG through 12 AWG**
- **PTFE lead wires are 20% smaller in diameter than braided cables allowing more circuits per conduit.**
- **Chemical etch available for bonding to potting materials.**

Thermal P/N	AWG	# OF STRANDS	NOMINAL O.D INCH		AMPACITY**
			MIN	MAX	
250-241911-*	24	7	.077"	.078	9
250-221911-*	22	7	.084	.085	12
250-201911-*	20	7	.092	.093	16
250-181911-*	18	19	.101	.103	23
250-161911-*	16	19	.110	.112	40
250-141911-*	14	19	.123	.125	59
250-121911-*	12	19	.143	.145	78

*Please specify color. Last digit in Thermal Wire Part#:-1 tan, -0 black, -2 red, -3 orange, -4 yellow, -5 green, -6 blue, -7 purple, -8 gray, -9 white. Stripe color example -100 tan base color with two black stripes.
** Ampacity based on single conductor in free air at an ambient air temperature of 40°C (104°F)

Naples FL / Tulsa OK / Houston TX / Nashville TN USA• Tel.: 239-430-9473 • Fax: 239-435-1779
Website: www.thermalwire.com • E-mail: sales@thermalwire.com

THERMAL
Wire and Cable, LLC

Please specify "etched" if you require an etched surface treatment for increased ability to bond to Teflon insulation.

Naples FL / Tulsa OK / Houston TX / Nashville TN USA• Tel.: 239-430-9473 • Fax: 239-435-1779
Website: www.thermalwire.com • E-mail: sales@thermalwire.com