



HI-TEMPERATURE WIRE

FOR HEATER BANDS AND CARTRIDGE HEATERS

MGT = 842°F/450°C & TGGT = 482°F/250°C

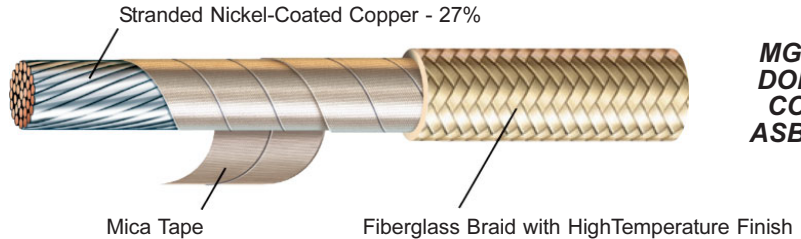
**MGT
&
TGGT**

PPE HI-TEMPERATURE MGT & TGGT WIRE is a must for wiring hot barrels, heaters, ovens, dryers and other high temperature uses. MGT Wire is used most often by O.E.M. manufacturers at the factory.

MGT WIRE 600 Volts - 842°F/450°C - 27% Nickel-Coated Copper

CHARACTERISTICS

- Tough treated outer glass braid permits the wire to withstand flexing and mechanical abuse.
- Resists pushback and braid fray.
- Flexible.



**MGT WIRE
DOES NOT
CONTAIN
ASBESTOS!**

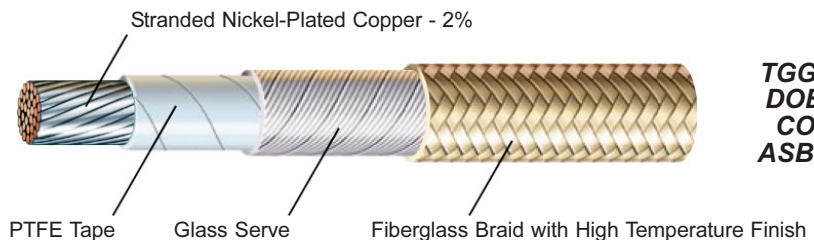
| WIRE SIZE | TEMP RATING 842°F/450°C DESCRIPTION | NUMBER OF STRANDS AND SIZE | NOM. WIRE O.D. | MFG'S. RATED *AMPACITY | SUGGESTED MAXIMUM USE AMPS | PART NO. | - PRICES - | | |
|-----------|--|----------------------------|----------------|------------------------|----------------------------|----------|------------------|---------------------|--------------------|
| | | | | | | | 1-99 FT. PER FT. | 100-499 FT. PER FT. | 500 & OVER PER FT. |
| 24 | 600 volt nickel clad copper 3 layer insulation includes glass reinforced mica tapes and glass braid cover. | 7 x .0080 | .090 | 14 | 9 | MG-24 | \$.29 | \$.28 | \$.26 |
| 22 | | 7 x .0100 | .101 | 19 | 12 | MG-22 | \$.32 | \$.30 | \$.29 |
| 20 | | 10 x .0100 | .106 | 27 | 18 | MG-20 | \$.36 | \$.34 | \$.33 |
| 18 | | 16 x .0100 | .115 | 37 | 23 | MG-18 | \$.43 | \$.42 | \$.40 |
| 16 | | 26 x .0100 | .127 | 48 | 30 | MG-16 | \$.54 | \$.52 | \$.50 |
| 14 | UL & CSA approved. For continuous temperatures of 842°F/450°C. | 41 x .0100 | .140 | 64 | 45 | MG-14 | \$.80 | \$.77 | \$.75 |
| 12 | | 65 x .0100 | .160 | 85 | 56 | MG-12 | \$ 1.22 | \$ 1.18 | \$ 1.12 |
| 10 | | 105 x .0100 | .212 | 113 | 75 | MG-10 | \$ 1.85 | \$ 1.79 | \$ 1.73 |
| 8 | | 133 x .0113 | .262 | 126 | 104 | MG-08 | \$ 3.40 | \$ 3.29 | \$ 3.15 |
| 6 | | 133 x .0141 | .313 | 155 | 138 | MG-06 | \$ 5.48 | \$ 5.31 | \$ 5.07 |

Standard rolls are 500 feet.

TGGT WIRE 600 Volts - 482°F/250°C - 2% Nickel-Plated Copper

CHARACTERISTICS

- Tough treated outer glass braid and fiberglass servings permit the product to withstand repeated flexing and severe mechanical abuse.
- Moisture resistant.
- Resists pushback and braid fray.
- Flexible.



**TGGT WIRE
DOES NOT
CONTAIN
ASBESTOS!**

| WIRE SIZE | TEMP RATING 482°F/250°C DESCRIPTION | NUMBER OF STRANDS AND SIZE | NOM. WIRE O.D. | MFG'S. RATED *AMPACITY | SUGGESTED MAXIMUM USE AMPS | PART NO. | - PRICES - | | |
|-----------|---|----------------------------|----------------|------------------------|----------------------------|----------|-------------------|---------------------|--------------------|
| | | | | | | | 1- 99 FT. PER FT. | 100-499 FT. PER FT. | 500 & OVER PER FT. |
| 20 | 600 volt nickel clad copper stranded wire, 3 layer insulation includes PTFE tape wrap, fiberglass serve and PTFE glass braid overwrap. Finest quality UL & CSA approved wire. 482°F/250°C rating. For continuous temperatures of 482°F or 750°F intermittent. | 10 x .0100 | .105 | 19 | 15 | WG-20 | \$.30 | \$.29 | \$.27 |
| 18 | | 19 x .0092 | .112 | 23 | 19 | WG-18 | \$.32 | \$.31 | \$.30 |
| 16 | | 26 x .0100 | .125 | 39 | 26 | WG-16 | \$.39 | \$.38 | \$.36 |
| 14 | | 41 x .0100 | .137 | 53 | 39 | WG-14 | \$.55 | \$.53 | \$.51 |
| 12 | | 65 x .0100 | .155 | 70 | 54 | WG-12 | \$.72 | \$.68 | \$.65 |
| 10 | | 105 x .0100 | .181 | 93 | 73 | WG-10 | \$ 1.12 | \$ 1.07 | \$ 1.02 |
| 8 | | 133 x .0113 | .229 | 115 | 93 | WG-8 | \$ 1.83 | \$ 1.77 | \$ 1.71 |

*Ampacity based on maximum conductor temperature of 250°C in free air ambient temperature of 30°C.

Standard rolls are 500 feet.



PLASTIC PROCESS EQUIPMENT, INC.

www.ppe.com • e-mail: sales@ppe.com

PPE WEST 6385 Montessouri Street, Las Vegas, Nevada 89113
702-433-6385 • 800-258-8877 • Fax: 702-433-6388

PPE SOUTH 11218 Challenger Avenue, Odessa, Florida 33556
727-834-8888 • 800-282-6783 • Fax: 727-834-8873

8303 CORPORATE PARK DRIVE, MACEDONIA (Cleveland), OHIO 44056, USA

216-367-7000 • Toll Free: 800-321-0562 • Fax: 216-367-7022 • Order Fax: 800-223-8305

Toll Free: USA, Canada & Mexico
800-362-0706