

MARINE TECH



WIRE AND CABLE, INC.

MGT

HIGH TEMPERATURE LEAD WIRE



UL STYLE 5107 and CSA AWM Class I Group A/B

600 Volt, 450 C, 22 AWG - 6 AWG

Maximum Temperature Rating 538 C (Non-UL listed)

CONSTRUCTION DETAILS:

CONDUCTOR: Flexible Stranded, 27% Nickel-Plated Copper (A-Nickel available upon request)

INSULATION: Mica/Glass Composite Tape

JACKET: PTFE Impregnated Fiberglass Braid

APPLICATIONS:

MGT High-Temperature Leadwire is designed for wiring of ovens, appliances, industrial heating products, and similar high-temperature equipment.

| AWG | STRANDING | INSULATION THICKNESS | BRAID THICKNESS | NOM. O.D. | CONDUCTOR WGT(LBS/MFT) | WGT (LBS/MFT) |
|-----|-----------|----------------------|-----------------|-----------|------------------------|---------------|
| 22 | 7x.010 | 0.025 | 0.007 | 0.103 | 2.2 | 8 |
| 20 | 10x.010 | 0.025 | 0.007 | 0.109 | 3.1 | 9 |
| 18 | 16x.010 | 0.025 | 0.007 | 0.118 | 5 | 12 |
| 16 | 26x.010 | 0.025 | 0.007 | 0.129 | 7.9 | 15 |
| 14 | 41x.010 | 0.025 | 0.007 | 0.147 | 13.3 | 22 |
| 12 | 65x.010 | 0.025 | 0.007 | 0.160 | 20.5 | 29 |
| 10 | 105x.010 | 0.030 | 0.015 | 0.210 | 33.1 | 50 |
| 8 | 133x.011 | 0.030 | 0.015 | 0.266 | 52.5 | 76 |
| 6 | 133x.014 | 0.030 | 0.015 | 0.307 | 83 | 111 |

Dimensions and weights are nominal.

Service and Performance through Innovation, Quality and Delivery

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