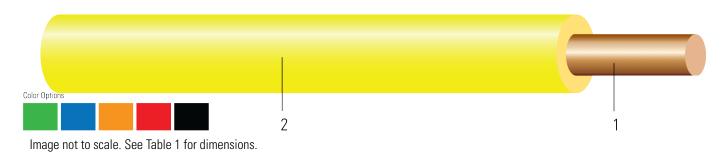
Stock # : 5449402 **SPEC 87100**

Tracer Wire for Gas and Sprinkler Systems for Direct Burial



CONSTRUCTION:

1. **Conductor:** Solid bare copper per ASTM B3

2. Insulation: Polyethylene PE

APPLICATIONS AND FEATURES:

• Used on golf course sprinkler, gas lines, direct burial applications, also can be used for animal containment

• PE 45 mil Insulation Thickness

• 60°C, 600 volt

• For direct burial

SPECIFICATIONS:

ASTM B3 Soft or Annealed Copper Wire

• UL 66 Fixture Wire

Table 1 – Weights and Measurements

| Stock Number | Cond. Size | Cond. Number | Strand Count | Diameter Over Conductor | Insul. Thickness | Approx. OD | Copper Weight | Approx. Weight |
|--------------|------------|--------------|----------------|-------------------------|------------------|------------|---------------|----------------|
| | AWG/Kcmil | | No. of Strands | inch | mil | inch | lb/1000ft | lb/1000ft |
| 5449402 | 8 | 1 | Solid | 0.128 | 45 | 0.222 | 50 | 60 |

All dimensions are nominal and subject to normal manufacturing tolerances

♦ Cable marked with this symbol is a standard stock item

Table 2 – Electrical and Engineering Data

| Stock Number | Cond. Size | Cond. Number | Min Bending Radius | DC Resistance @ 25°C | AC Resistance @ 75°C | Allowable Ampacity At 75°C | Allowable Ampacity At 90°C |
|-----------------|---------------|-----------------|-----------------------|-------------------------|-------------------------|----------------------------|-------------------------------|
| | AWG/ Kcmil | | inch | Ω/1000ft | Ω/1000ft | Amp | Amp |
| 5449402 | 8 | 1 | 1.7 | 0.653 | 0.824 | 50 | 55 |





