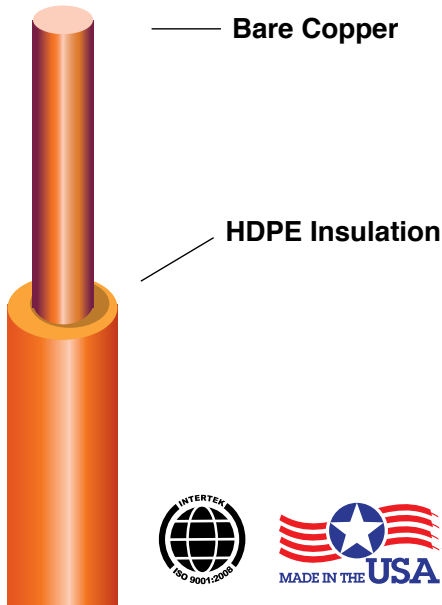


PIPELINE TRACER WIRE - SPECIALTY WIRE

Bare Copper Conductor High Density Polyethylene Insulated
14-8 AWG • 75°C Dry and Wet



CABLE IDENTIFICATION

“ADVANCED DIGITAL CABLE INC Size AWG
 PIPELINE TRACER/TONE WIRE”

DESCRIPTION

ADC's Pipeline Tracer Wire has a bare copper conductor covered with a high density polyethylene insulation.

APPLICATIONS

Appropriate for direct burial or within plastic pipe to aid in the detection and tracing of underground pipe systems. Excellent for resisting abrasion, crush, chemical, oil and moisture.

CONSTRUCTION

Conductors: Soft annealed solid copper per ASTM B-3.

Insulation: High density, high molecular weight polyethylene providing resistance to moisture and abrasion.

Colors: Black, Brown, Orange, Yellow, Green, White, Red, Gray, Blue. Print on one side with a contrasting ink. An extruded stripe is available upon request.

INDUSTRY LISTINGS & STANDARDS

75°C Wet/Dry
 Direct Burial
 Moisture Resistant
 Chemical Resistant
 Oil Resistant
 Impact, Crush, and Abrasion Resistant.
 ASTM B-3
 Sequential Footage Printed



Cable Data

| Part Number | AWG | Insulation Thickness (mils) 30v/600v | Nominal O.D. (inch) 30/45 mils | Approximate Ship Weight lbs/1M' 30/45 mils |
|-------------|-----|---|-----------------------------------|---|
| 114/114-45 | 14 | 30/45 | .124/.154 | 16/19 |
| 112/112-45 | 12 | 30/45 | .141/.171 | 24/27 |
| 110/110-45 | 10 | 30/45 | .162/.192 | 37/40 |
| 108/108-45 | 8 | 30/45 | .188/.218 | 56/60 |

Conductor Data

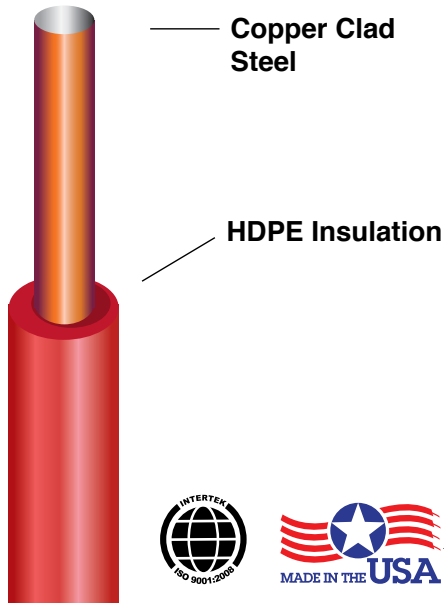
| Size AWG | Tensile psi | Breakload lbf |
|----------|-------------|---------------|
| 14 | 38,500 | 124 |
| 12 | 38,500 | 197 |
| 10 | 38,500 | 313 |
| 8 | 37,000 | 479 |

The information contained on this specification is intended to be used a guide in product selection and is believed to be reliable. ADC has made every effort to ensure the data shown above is accurate at the time of publication. This specification is subject to change anytime without notice. Rev IC0115

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PIPELINE TRACER WIRE - SPECIALTY WIRE

Copper Clad Steel Conductor High Density Polyethylene Insulated
14 - 8 AWG • 75°C Dry and Wet



CABLE IDENTIFICATION

“ADVANCED DIGITAL CABLE INC Size AWG
 PIPELINE TRACER/TONE WIRE”

DESCRIPTION

ADC's Pipeline Tracer Wire has a flexible 21% IACS copper clad steel conductor covered with a high density polyethylene insulation.

APPLICATIONS

Appropriate for direct burial or within plastic pipe to aid in the detection and tracing of underground pipe systems. Excellent for resisting abrasion, crush, chemical, oil and moisture.

CONSTRUCTION

Conductors: 21% IACS conductivity, flexible, low carbon steel bonded with copper cladding. Conforms to ASTM B-910.

Insulation: High density, high molecular weight polyethylene providing resistance to moisture and abrasion.

Colors: Black, Brown, Orange, Yellow, Green, White, Red, Gray, Blue. Print on one side with a contrasting ink. An extruded stripe is available upon request.

INDUSTRY LISTINGS & STANDARDS

75°C Wet/Dry
 ASTM B-910
 Direct Burial
 Moisture Resistant
 Chemical Resistant
 Oil Resistant
 Impact, Crush, and Abrasion Resistant.
 Sequential Footage Printed



Cable Data

| Part Number | AWG | Insulation Thickness (mils) 30v/600v | Nominal O.D. (inch) 30/45 mils | Approximate Ship Weight lbs/1M' 30/45 mils |
|------------------|-----|--|--------------------------------------|--|
| 114CCS/114CCS-45 | 14 | 30/45 | .124/.154 | 15/18 |
| 112CCS/112CCS-45 | 12 | 30/45 | .141/.171 | 22/25 |
| 110CCS/110CCS-45 | 10 | 30/45 | .162/.192 | 34/37 |

Conductor Data

| Size AWG | Diameter inch | Temper | Steel Grade | Copper Grade lbf | Min. Break Load psi | Min. Tensile Strength % lbs/mft | Min. Elongation Ω/mft | Nominal Weight | Nominal DCR at 20° C |
|-------------|------------------|--------|-------------|---------------------|------------------------|------------------------------------|--------------------------|----------------|-------------------------|
| 14 | 0.0641 | Hard | 1010 | 102 | 387 | 120000 | 15% | 11.17 | 12.01947 |
| 12 | 0.0808 | Hard | 1010 | 102 | 615 | 120000 | 15% | 17.75 | 7.564472 |
| 10 | 0.1019 | Hard | 1010 | 102 | 979 | 120000 | 15% | 28.23 | 4.756122 |