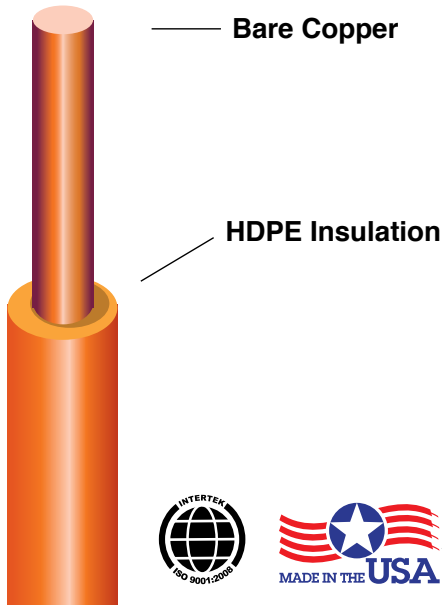


PIPELINE TRACER WIRE - SPECIALTY WIRE

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

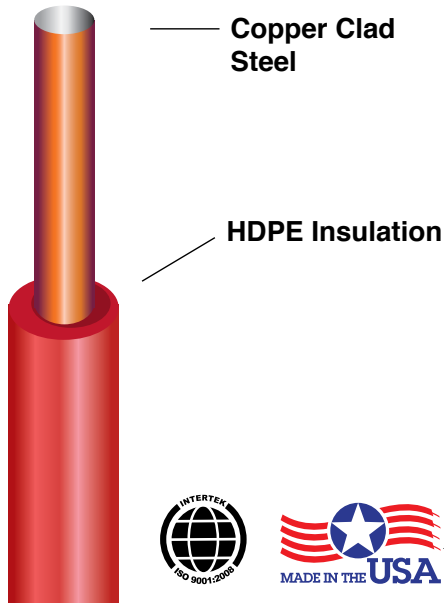
Size AWG	Tensile psi	Breakload lbf
14	38,500	124
12	38,500	197
10	38,500	313
8	37,000	479

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