



# AGAVE WIRE

Toll-Free (800) 690-3408

An ISO 9001 Management System

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## PRODUCT GROUP DATA SHEET

<b><u>PRODUCT OVERVIEW:</u></b>	<b>APE Solid Copper Tracer Wire</b>
CONSTRUCTION:	One Solid Copper HMW-PE Insulated Conductor
APPROVALS:	UL - Tracer Wire
APPLICATION:	Tracer Wire Suitable for Detecting Buried Facilities

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### **CONSTRUCTION PARAMETERS:**

CONDUCTOR:	Annealed Bare Copper
STRANDING:	Solid
NUMBER OF CONDUCTORS:	1
INSULATION MATERIAL:	HMW-PE (High Molecular Weight Polyethylene)
INSULATION THICKNESS:	0.030" Nominal

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### **ELECTRICAL & ENVIRONMENTAL PROPERTIES:**

TEMPERATURE RATING:	-20° c to 80° c
OPERATING VOLTAGE:	30v
INSULATION COLOR:	Various Colors Available
TENSILE STRENGTH:	35,000 PSI

### **PRINT LEGEND:**

“AGAVE WIRE \*\*AWG HMW-PE-(30) TRACER WIRE 30v (UL) E246360”

\*\*Print Line will show gauge specific to product.

Part Number	AWG	Weight per M/ft	Copper O.D. (nom)	Finished O.D. (nom)	DC Resist @20°c Ohms/1000'	Break Load
APE-1801	18	7.67	0.040"	0.102"	6.3200	45
APE-1601	16	10.94	0.051"	0.112"	4.0190	71
APE-1401	14	16.11	0.064"	0.126"	2.5240	113
APE-1201	12	24.03	0.081"	0.142"	1.5900	180
APE-1001	10	36.59	0.102"	0.164"	0.9988	285
APE-0801	8	56.10	0.128"	0.190"	0.6281	454
APE-0601	6	86.95	0.162"	0.222"	0.3952	722

On special orders, the customer will accept all mil lengths and +/- 10% of total order requested. The information presented here is, to the best of our knowledge, is true and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. We disclaim all liability in connection with the use of information contained herein or otherwise.

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