



AGAVE WIRE

Toll-Free (800) 690-3408

An ISO 9001 Management System

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PRODUCT GROUP DATA SHEET

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

CONSTRUCTION PARAMETERS:

CONDUCTOR:	Annealed Bare Copper
STRANDING:	19 Strand
NUMBER OF CONDUCTORS:	1
INSULATION MATERIAL:	HMW-PE (High Molecular Weight Polyethylene)
INSULATION THICKNESS:	0.030" Nominal

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	Conductor Stranding	Weight per M/ft	Copper O.D. (nom)	Finished O.D. (nom)	MAX DC Resist @20 ° c Ohms/1000'	Break Load
APE-1819	18	19/.0100	8.03	0.047"	0.107"	5.74	45
APE-1619	16	19/.0117	11.32	0.057"	0.117"	4.48	74
APE-1419	14	19/.0147	16.70	0.074"	0.135"	2.83	118
APE-1219	12	19/.0185	24.76	0.088"	0.148"	1.60	186
APE-1019	10	19/.0223	37.50	0.112"	0.172"	1.10	296
APE-0819	8	19/.0285	57.86	0.148"	0.208"	0.71	472
APE-0619	6	19/.0372	80.69	0.179"	0.239"	0.45	750

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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