



**Part Number: 83041**

Lead Wire, #32 Str SPC, TFE Ins, AWM 1371 105C TYPE ET

[Request Sample](#)

**Product Description**

High Temp Plastic Lead Wire, 32AWG (7x40) Silver Plated Copper, TFE Insulation, AWM 1371 105C TYPE ET MIL-W-16878/6 250V 200C

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
32	7x40	SCC - Silver-coated Copper	1

Conductor Count:	1
Conductor Size:	32 AWG

**Insulation**

Material	Nominal Wall Thickness
TFE - Tetrafluoroethylene	0.0065 in

**Outer Jacket Material**

Material	Nominal Diameter
No Jacket	0.022 in

**Electrical Characteristics**

**Voltage**

Non-UL Voltage Rating
250 V

**Temperature Range**

Non-UL Temp Rating:	200°C
UL Temp Rating:	105°C

**Mechanical Characteristics**

Bulk Cable Weight:	0.500 lbs/1000ft
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**Standards**

UL AWM Style:	1371
Military Specification:	MII-W-16878/6
Other Specification:	NEMA HP3

**Applicable Environmental and Other Programs**

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

### Flammability, LSOH, Toxicity Testing

UL Flammability:	VW-1
UL voltage rating:	600 V RMS

### Plenum/Non-Plenum

Plenum (Y/N):	No
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### Part Number

#### Variants

Item #	Color	Footnote
83041 010100	Black	E
83041 0101000	Black	
83041 0061000	Blue, Light	E
83041 007100	Violet	E
83041 0071000	Violet	

Footnote:	E - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 25'.
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