

# Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



83000 Hook-up/Lead - UL AWM Style 1213

For more Information  
please call

1-800-Belden1



## Description:

Stranded silver-coated copper conductor insulation with extruded TFE Teflon.

## Physical Characteristics (Overall)

### Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material         |
|--------------|-----|-----------|----------------------------|
| 1            | 30  | 7x38      | SPC - Silver Plated Copper |

### Insulation

Insulation Material:

| Insulation Material       | Wall Thickness (mm) |
|---------------------------|---------------------|
| TFE - Tetrafluoroethylene | 0.254               |

### Overall Insulation

### Overall Cabling

Overall Nominal Diameter: 0.813 mm

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

|                                       |               |
|---------------------------------------|---------------|
| UL AWM Style:                         | 1213          |
| UL Rating:                            | 105°C         |
| EU CE Mark:                           | Yes           |
| EU Directive 2000/53/EC (ELV):        | Yes           |
| EU Directive 2002/95/EC (RoHS):       | Yes           |
| EU RoHS Compliance Date (mm/dd/yyyy): | 04/01/2005    |
| EU Directive 2002/96/EC (WEEE):       | Yes           |
| EU Directive 2003/11/EC (BFR):        | Yes           |
| CA Prop 65 (CJ for Wire & Cable):     | Yes           |
| MII Order #39 (China RoHS):           | Yes           |
| Military Specification:               | MIL-W-16878/4 |
| MIL Spec Rating:                      | 600 V, 200°C  |

### Flame Test

UL Flame Test: VW-1

### Plenum/Non-Plenum

Plenum (Y/N): No

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

| Item #       | Putup | Ship Weight | Color | Notes | Item Desc       |
|--------------|-------|-------------|-------|-------|-----------------|
| 83000 001100 | 30 MT | 0.045 KG    | BROWN | E     | #30 STR TFE BRN |

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|               |        |          |             |     |                   |
|---------------|--------|----------|-------------|-----|-------------------|
| 83000 0011000 | 305 MT | 0.454 KG | BROWN       | E S | #30 STR TFE BRN   |
| 83000 002100  | 30 MT  | 0.045 KG | RED         | E   | #30 STR TFE RED   |
| 83000 0021000 | 305 MT | 0.454 KG | RED         | E S | #30 STR TFE RED   |
| 83000 003100  | 30 MT  | 0.045 KG | ORANGE      | E   | #30 STR TFE ORG   |
| 83000 0031000 | 305 MT | 0.454 KG | ORANGE      | E S | #30 STR TFE ORG   |
| 83000 004100  | 30 MT  | 0.045 KG | YELLOW      | E   | #30 STR TFE YEL   |
| 83000 0041000 | 305 MT | 0.454 KG | YELLOW      | E S | #30 STR TFE YEL   |
| 83000 005100  | 30 MT  | 0.045 KG | GREEN, DARK | E   | #30 STR TFE GRNDK |
| 83000 0051000 | 305 MT | 0.454 KG | GREEN, DARK | E S | #30 STR TFE GRNDK |
| 83000 006100  | 30 MT  | 0.045 KG | BLUE, LIGHT | E   | #30 STR TFE BLULT |
| 83000 0061000 | 305 MT | 0.454 KG | BLUE, LIGHT | E S | #30 STR TFE BLULT |
| 83000 007100  | 30 MT  | 0.045 KG | VIOLET      | E   | #30 STR TFE VIO   |
| 83000 0071000 | 305 MT | 0.454 KG | VIOLET      | E S | #30 STR TFE VIO   |
| 83000 008100  | 30 MT  | 0.045 KG | GRAY        | E   | #30 STR TFE GRY   |
| 83000 009100  | 30 MT  | 0.045 KG | WHITE       | E   | #30 STR TFE WHT   |
| 83000 0091000 | 305 MT | 0.454 KG | WHITE       | E S | #30 STR TFE WHT   |
| 83000 010100  | 30 MT  | 0.045 KG | BLACK       | E   | #30 STR TFE BLK   |
| 83000 0101000 | 305 MT | 0.454 KG | BLACK       | E S | #30 STR TFE BLK   |

**Notes:**

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

S = STRIPING ADDERS FOR TYPES E AND EE: 123 STRIPES. MINIMUM ORDER 10

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