# Detailed Specifications & Technical Data

**ENGLISH MEASUREMENT VERSION**

**83045 Hook-up/Lead - UL AWM Style 1371**

For more Information
please call

1-800-Belden1

## Description:

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

## Physical Characteristics (Overall)

### Conductor

**AWG:**

| # Conductors | AWG | Stranding | Conductor Material |
|---|---|---|---|
| 1 | 28 | 7x36 | SPC - Silver Plated Copper |

### Insulation

**Insulation Material:**

| Insulation Material | Wall Thickness (in.) |
|---|---|
| TFE - Tetrafluoroethylene | .006 |

### Overall Insulation

### Overall Cable

| | |
|---|---|
| **Overall Nominal Diameter:** | 0.027 in. |

## Mechanical Characteristics (Overall)

| | |
|---|---|
| **Bulk Cable Weight:** | 1 lbs/1000 ft. |

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

| | |
|---|---|
| **UL AWM Style:** | 1371 |
| **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-16878/6 |
| **MIL Spec Rating:** | 250 V, 200°C |

### Flame Test

| | |
|---|---|
| **UL Flame Test:** | VW-1 |

### Plenum/Non-Plenum

| | |
|---|---|
| **Plenum (Y/N):** | No |

## Notes (Overall)

**Notes:** Teflon® is a DuPont trademark.

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## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|---|---|---|---|---|---|
| 83045 001100 | 100 FT | 0.100 LB | BROWN | E | #28 STR TFE BRN |
| 83045 0011000 | 1,000 FT | 1.000 LB | BROWN | E S | #28 STR TFE BRN |
| 83045 002100 | 100 FT | 0.100 LB | RED | E | #28 STR TFE RED |
| 83045 0021000 | 1,000 FT | 1.000 LB | RED | E S | #28 STR TFE RED |
| 83045 005100 | 100 FT | 0.100 LB | GREEN, DARK | E | #28 STR TFE GRNDK |
| 83045 0051000 | 1,000 FT | 1.000 LB | GREEN, DARK | E S | #28 STR TFE GRNDK |
| 83045 0061000 | 1,000 FT | 1.000 LB | BLUE, LIGHT | E S | #28 STR TFE BLULT |
| 83045 009100 | 100 FT | 0.100 LB | WHITE | E | #28 STR TFE WHT |
| 83045 0091000 | 1,000 FT | 1.000 LB | WHITE | E S | #28 STR TFE WHT |
| 83045 010100 | 100 FT | 0.100 LB | BLACK | E | #28 STR TFE BLK |
| 83045 0101000 | 1,000 FT | 1.000 LB | BLACK | E S | #28 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 ORDER10

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