



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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**PART NUMBER:** 51016  
**DESCRIPTION:** 10 AWG STRANDED TYPE THHN/THWN INSULATED WIRE  
**CONSTRUCTION:** This cable consists of one bare copper conductor with integral insulation and jacket.  
**APPROVALS:** UL Standard 83 and Subject 758  
**APPLICATION:** Insulated Wire, Appliance Wiring Material, Canada T90-Nylon, Canada TWN75

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## Construction Parameters:

Conductor	10 AWG Bare Copper
Stranding	19/.0234"
Insulation Material	PVC/Nylon
Insulation Thickness	0.021" Nom.
Nylon Insulation Thickness	0.005" Nom.
Insulated Conductor Diameter	0.164" Nom.
Approximate Cable Weight	39.1 Lbs/1M' Nom.

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## Electrical & Environmental Properties:

Temperature Rating	-20°C to 105°C
Operating Voltage	600 V RMS Max.
DC Resistance per Conductor @ 20°C	0.99 Ohms/1M' Nom.

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Insulation/Jacket Color Varies (Consult factory for availability)

Legend (Surface Ink Print) BARON 10 AWG (5.26mm<sup>2</sup>) (UL) E101736 THHN OR THWN 600V GASOLINE & OIL RESISTANT I OR AWM STYLE 1317 -- C(UL) T90 NYLON OR TWN75 FT1

This product complies with European Directive 2002/95/EC (RoHS)

On special orders, the customer will accept all factory lengths and +/- 10 percent of total order requested.

Wire is packaged on standard metal or wooden reels depending on the putup - consult factory.

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Customer Name \_\_\_\_\_

Customer Approval \_\_\_\_\_

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