



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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**PART NUMBER:** 30252  
**DESCRIPTION:** 350 MCM 3/C STRANDED TYPE PPE PORTABLE POWER CABLE  
**CONSTRUCTION:** This cable consists of three bare copper TPE insulated conductors twisted with fillers and an overall TPE jacket.  
**APPROVALS:** UL Type PPE, PPC/TPE CSA C22.2 No. 96, NEC Article 400., MSHA  
**APPLICATION:** 2000V Portable Water Resistant Outdoor Submersible Flexible Power Cable

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## Construction Parameters:

|                              |                                      |
|------------------------------|--------------------------------------|
| Conductor                    | 350 MCM Bare Copper                  |
| Stranding                    | 37x24/24                             |
| Insulation Material          | TPE                                  |
| Insulation Thickness         | 0.098" Nom.                          |
| Insulated Conductor Diameter | 0.855" Nom.                          |
| Number of Conductors         | 3                                    |
| Lay Length                   | 15.00" Nom.                          |
| Filler Type                  | Non-Wicking Polypropylene            |
| Separator/Wrap               | Reinforced Mylar                     |
| Jacket Material              | TPE                                  |
| Jacket Thickness             | 0.249" Nom.                          |
| Overall Cable Diameter       | 2.360" Nom.                          |
| Approximate Cable Weight     | 4910.0 Lbs/1M' Nom.                  |
| Flame Rating                 | UL/CSA Horizontal Flame Test<br>MSHA |

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## Electrical Properties:

|                                    |                                                         |
|------------------------------------|---------------------------------------------------------|
| Temperature Rating                 | -50°C to 90°C DRY, 75°C WET                             |
| Operating Voltage                  | 2000V RMS Max                                           |
| DC Resistance per Conductor @ 20°C | 0.0314 Ohms/1M'                                         |
| Ampacity per NEC Table 400-5(b)    | 495 amps/cond. (Assume two current carrying conductors) |

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|                   |                   |
|-------------------|-------------------|
| Insulation Colors | Black White Green |
| Jacket Color      | Black             |

|                 |                                                                                                                                                                                                               |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Legend (Indent) | CCI SEOPRENE 350 kcmil (177mm <sup>2</sup> ) 3/C TYPE PPE E172226 (PLANT ID CODE)<br>(UL) 2000V 90C DRY 75C WET - - C(UL) TYPE PPC/TPE 2000V -40C TO 105C<br>75C WET FT-5 SUNLIGHT RESISTANT - - P-241-3-MSHA |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

*This product complies with European Directive 2011/65/EC (RoHS-2)*

Note: Type PPE cable is identical to Type W cable except it has TPE insulation and jacket.

The customer will accept all mil lengths and +/- 10 percent of total order requested.

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