



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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**PART NUMBER:** 622591  
**DESCRIPTION:** 3/4 STRANDED TYPE SEOOOW FLEXIBLE POWER CABLE  
**CONSTRUCTION:** This cable consists of four bare copper insulated conductors cabled with fillers and an overall jacket.  
**APPROVALS:** UL Standard 62, CSA 22.2 No. 49, NEC Article 400., MSHA  
**APPLICATION:** 600V Portable Oil and Water Resistant Submersible Outdoor Flexible Power Cable

### Construction Parameters:

Conductor	8 AWG Bare Copper
Stranding	7x19/29
Insulation Material	TPE
Insulation Thickness	0.080" Nom.
Insulated Conductor Diameter	0.285" Nom.
Number of Conductors	4
Lay Length	5.50" Nom.
Filler Type	Polypropylene
Separator/Wrap	Paper Tissue
Jacket Material	TPE
Jacket Thickness	0.126" Nom.
Overall Cable Diameter	0.940" Nom.
Approximate Cable Weight	586.8 Lbs/1M' Nom.
Flame Rating	UL/CSA Horizontal Flame Test

### Electrical Properties:

Temperature Rating	-50°C to 105°C
Operating Voltage	600 V RMS Max.
Ampacity	35 Amps Per Conductor (Assume three current carrying conductors) (Based on NEC Table 400-5(a))
DC Resistance per Conductor @ 20°C	0.81 Ohms/1M' Nom.

Insulation Colors	1) Black 2) White 3) Red 4) Green
Jacket Color	Black

### Legend



AQUAMASTER 1-800-693-3144 8 AWG (8.36mm<sup>2</sup>) 4/C SEOOOW E54864 (UL) 600V -60C TO 105C -- CSA LL39753 STOOOW(TPE) 600V -50C TO 105C FT2 WATER RESISTANT (White Surface Ink Print - P-241-3-MSHA Indent)



This product complies with European Directive 2002/95/EC (RoHS)  
The customer will accept all factory lengths and +/- 10 percent of total order requested.

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Customer Name Howe  
Customer Approval Karen Swart

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