



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

1530 Shields Drive
Waukegan, IL 60085
Toll-Free (800) 323-9355
Fax: (847) 689-1192

PART NUMBER: 622316
DESCRIPTION: 8/3 STRANDED TYPE SEOW FLEXIBLE POWER CABLE
CONSTRUCTION: This cable consists of three bare copper insulated conductors cabled with fillers and an overall jacket.
APPROVALS: UL Standard 82, CSA 22.2 No. 48, 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	0.082" Nom.
Insulated Conductor Diameter	0.289" Nom.
Number of Conductors	3
Lay Length	4.50" Nom.
Filler Type	Polypropylene
Separator/Wrap	Paper Tissue
Jacket Material	PVC
Jacket Thickness	0.115" Nom.
Overall Cable Diameter	0.859" Nom.
Approximate Cable Weight	459.2 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.
DC Resistance per Conductor @ 20°C	Solid Bare Copper
Ampacity	40 Amps Per Conductor (Assume two current carrying conductors) (Based on NEC Table 400-5(a))

Insulation Colors	Black White Green
Jacket Color	Black

Legend

AQUAMASTER 1-800-693-3144 8 AWG (6.36mm²) 3/C SEOW E54884 (UL) 600V -50C TO 105C-- CSA LL39753 STOOW(TPE) 600V -50C TO 105C FT2 WATER RESISTANT
 CE
 (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 IBW Date Signed 3-30-11
Customer Approval Karen Busch

Specification Issue Date: March 30, 2011