

PRODUCT SPECIFICATION

PRODUCT:

Flexible Cord, SOOW
 600 Volts, -40°C to 90°C Wet/Dry

SPECIFICATIONS:

UL Listed Type SOOW, FT-2 per UL 62
 CSA Listed Type SOOW per C22.2 No. 49
 ASTM B-3, B-174
 MSHA



*Picture for reference only

SIZE: 18 AWG 2 Conductor

CONSTRUCTION DATA:

SIZE (AWG)	# OF COND.	STRANDS	INSULATION THICKNESS (MILS)	JACKET THICKNESS (MILS)	NOM. OD (MILS)	NOM. WT. (LBS/MFT)
18	2	16	30	60	0.348	68

- All values should be considered nominal and subject to normal manufacturing tolerances
- Cable diameters are manufacturing estimates and final dimensions to be provided at a later date

A. CONDUCTOR:

Flexible, Class K bunched stranded, bare copper conforming to ASTM B-3 & B-174

B. PRIMARY INSULATION:

Colored, Oil Resistant Ethylene Propylene Rubber (EPR/EPDM)

C. CABLE ASSEMBLY:

The insulated conductors are cabled together without fillers.

D. SEPARATOR

A paper tape will be wrapped around the twisted assembly to allow ease of jacket removal

E. OVERALL JACKET:

Black, Oil & Weather Chlorinated Polyethylene (CPE) Jacket

*Jacket is to be applied in such a way to reduce the ropey appearance due to no fillers

F. SAMPLE PRINT LEGEND:

SOUTHWIRE® AIW™ CORD VIPER® #P# (UL) SOOW 18 AWG (0.824mm²) 2/C 600V -40(D)C TO 90(D)C FT2 WATER RESISTANT --- (CSA) SOOW --- P-136-29-MSHA --- RoHS

REVISION TABLE:

Written By:	RBH	09/22/14	Rev. 0	Initial Specification Issue
Revised By:				
Revised By:				
Revised By:				