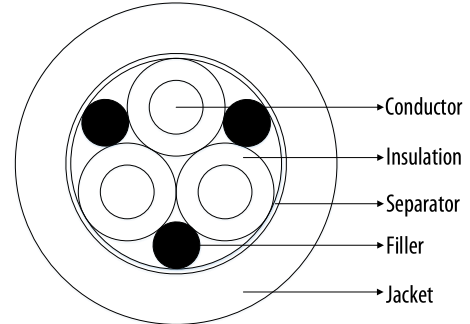


# 12/3C Type SOOW Black



PRODUCT DATA SHEET

SOOW portable cord is recommended for use as portable electrical power and portable control wire cable. With its flexibility and resistance to the effects of abrasion, chemicals, weather and ozone, it is excellent for heavy-duty cable service applications. This cable is rated to 600 volts and has a temperature range of -40°C to +90°C. These characteristics make SOOW portable cord an excellent choice for mitigating outdoor factors.



**Design Number** 10045  
**Part Number** 32104509  
32171877  
**Customer Number** N/A

**Color Code:** Black, White, Green

## CONSTRUCTION

**Conductor:** Stranded bare copper, Class K per ASTM B-174  
**Conductor Size:** 12AWG, 65 strands  
**Insulation:** EPDM, oil resistant  
**Insulation Avg. Thickness:** 0.045" (Nom.)  
**Insulated Conductor O.D.:** 0.187" (Nom.)  
**Filler:** PP  
**Separator:** Paper  
**Jacket Material:** CPE, oil resistant  
**Jacket Avg. Thickness:** 0.095" (Nom.)  
**Overall Diameter:** 0.606" (Nom.)  
**Jacket Color:** Black

## ELECTRICAL CHARACTERISTICS

**Operating Temperature (°C):** -40°C to +90°C  
**Operating Voltage:** 600V  
**Flame Test :** CSA FT2

## SAFETY CHARACTERISTICS

**RoHS Compliance:** European Directive 2015/863/EU  
**Approvals:** UL Flexible Cord, Subject 62  
CSA Flexible Cord, C22.2 No.49  
MSHA Approved

### Print Legend:

ASCENT E486041 12AWG 3/C SOOW (UL) 600V (-40 -90C)--CSA LL268042  
FT-2 WATER RESISTANT P-07KA140001-MSHA --RoHS xxxxxFT

**Application:** Industrial tools, portable lights, battery chargers and equipment that is typically exposed to oils, solvents, flame and grease, also may be used for ground tests and motor leads.

*All trademarks are property of their respective owners. All specifications are subject to change.*

Revision History		
00	2019/07/16	Initial release
01	2022/12/15	New part number added
Created L. Jian	Approved A. Huang	

**Milwaukee** | 5001 South Towne Dr. New Berlin, WI 53151, USA  
**Frankfurt** | Rudolf-Braas-Strasse 2, D-61381 Friedrichsdorf, Germany  
**Luton** | Unit 11, Humphrys Road, Woodside Industrial Estate, Dunstable, LU5 4TP, UK  
**Suzhou** | B2-2 Weiting Industrial - Workshop A, No. 9 Weixin Road, Suzhou Industrial Park, China

