

6/4C 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 10012
Part Number 32104521
32171895
Customer Number N/A

CONSTRUCTION

Conductor: Stranded bare copper, Class H per ASTM B-173

Conductor Size: 6AWG, (133/27)

Separator: Polyester tape

Insulation: EPDM, oil resistant

Insulation Avg. Thickness: 0.060"(Nom.)

Insulated Conductor O.D.: 0.333"(Nom.)

Filler: Rubber

Separator: Non woven cloth

Jacket Material: CPE, oil resistant

Jacket Avg. Thickness: 0.140"(Nom.)

Overall Diameter: 1.106"(Nom.)

Jacket Color: Black

Print Legend:

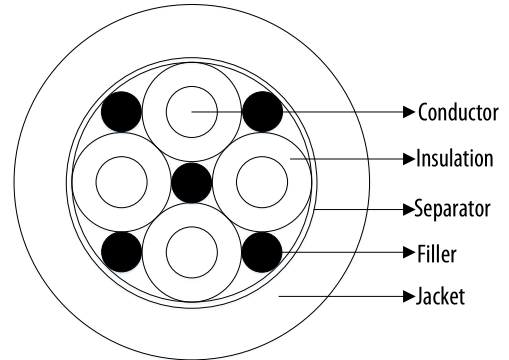
ASCENT E486041† 6 AWG 4/C SOOW (UL) 600V (-40-90C)-- CSA LL268042†

FT-2 WATER RESISTANT P-07KA140001†- MSHA --RoHS xxxxxxFT

† a suffix might be included as identification after File Number E486041

CSA No. may be different depending upon plant of manufacture

MSHA No. may be different depending upon plant of manufacture



Color Code: Black, White, Red, Green

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

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.

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Revision History	
02	2019/07/16 Update the application, add part no. 32104521
03	2022/03/06 Polyester tape added between conductor and insulation Filler updated from jute rope to rubber New part number 32171895 added
04	2023/11/29 Some print legend comments are added
Created	L. Jian Approved A. Huang

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