

12/3C Type ST00W



PRODUCT DATA SHEET

ST00W Flexible Cords are permitted for use as specified by Article 400 and related articles of the 2011 National Electrical Code. Type ST00W Cords are suitable for use in dry locations or wet locations or other applicable locations- may be completely immersed in water - when exposed to oil or coolant at temperatures not to exceed 60°C. It is ideal for flex applications in harsh environments where the highest degree for oil resistance and extended service life is needed.

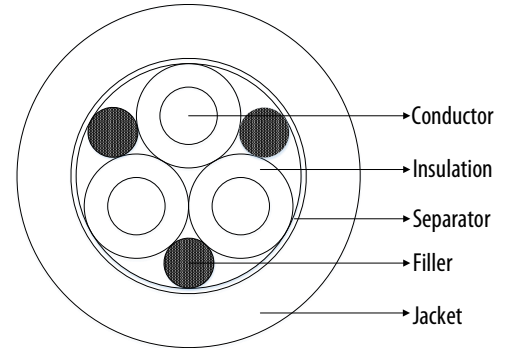
Design Number 11040
Part Number N/A
Customer Number N/A

CONSTRUCTION

Conductor: Stranded bare copper
Conductor Size: 12AWG, 65 strands
Insulation: Polyvinyl chloride (PVC)
Insulation Avg. Thickness: 0.045" (Nom.)
Insulation Diameter: 0.181" (Nom.)
Filler: PP Rope
Separator: Non woven fabric
Jacket Material: Polyvinyl chloride (PVC)
Jacket Avg. Thickness: 0.095" (Nom.)
Overall Diameter: 0.598" Nom., 0.590" Min., 0.638" Max.
Jacket Color: Black or according to customer's requirements

Print Legend:

ASCENT E486041 (UL) ST00W VW-1 105°C 600V 3/C AWG 12 OIL RESISTANT
--CSA 268042 ST00W FT2 105°C 600V 3/C 12 AWG xxxxxFT



Color Code: 1. Black 2. White 4. Green

ELECTRICAL CHARACTERISTICS

Operating Temperature (°C): -40°C to +105°C
Operating Voltage: 600V
Conductor Resistance @ 20°C: 5.58 Ω/km Max

SAFETY CHARACTERISTICS

Approvals: UL, the basic standard is UL 62 "Flexible Cords and Cables"
CSA approved to meet CSA standard C22.2, flexible cords
Flame Test: UL VW-1 and CSA FT2
RoHS Compliant

Application: Industrial equipment, heavy-duty tools, large appliances, motors and temporary electrical power for construction sites

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Revision History		
00	2024/11/08	Initial release
Created L. Jian	Approved T.Plochocki	

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