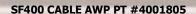


# **SF400 Super Flex Control Cable**













Part Number	Stranding	Conductor	Nominal Outer Diameter (inches)	Nominal Outer Diameter (mm)	Weight Lb/1000ft
4001805	18AWG (57 x 0.15mm) Bare Copper	5	0.291	7.40	57

## **Recommended Applications:**

Robotic applications, high speed cable carrier, automated handling equipment, pick and place robots, gantry robots, many high speed applications, tight bend radius applications. This is a small outer diameter cable capable of a tight bend radius.

# **Basic Construction:**

Extra fine bare copper strands

## Insulating Compound:

Specially formulated TPE

## **Colour Code:**

Black with white number coding. Conductor count for three conductor cable and beyond includes a green/yellow ground conductor (minimum 30% coverage).

# **Jacketing Compound:**

Specially formulated PUR

#### Resistant to:

UV, oils, coolants, fuels, chemicals, water and abrasion Suitable for extremely harsh environments

### **Minimum Bend Radius:**

5 x cable diameter in flexing applications 3 x cable diameter in static applications

#### Temperature Range:

For static applications -50C to +90C For flexing applications -40C to +90C

## **Nominal Voltage Rating:**

600V

## **Test Voltage:**

3000V

# Approvals:

90C, 600V, CSA, UL, AWM I/II, A/B, CE, pbf, FT1 RoHS compliant Conforms to CE low voltage directive

1.888.668.3539

289.337.9500

flex@awpinc.com

