



## SF400 Super Flex Control Cable



SF400 CABLE AWP PT #4000804



Part Number	Stranding	Conductor	Nominal Outer Diameter (inches)	Nominal Outer Diameter (mm)	Weight Lb/1000ft
4000804	8AWG (322 x 0.20mm) Bare Copper	4	0.799	20.30	419

### **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.

### **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

### **Colour Code:**

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

### **Resistant to:**

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

### **Approvals:**

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

### **Basic Construction:**

Extra fine bare copper strands

### **Insulating Compound:**

Specially formulated TPE

### **Jacketing Compound:**

Specially formulated PUR

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