



## SERVOFLEX PUR-C-584 5841404410



| Part Number | Stranding             | Conductor                | Nominal Outer Diameter (inches) | Nominal Outer Diameter (mm) | Weight Lb/1000ft |
|-------------|-----------------------|--------------------------|---------------------------------|-----------------------------|------------------|
| 5841404410  | (Class 6) Bare Copper | 14awg 4c + 2 x 2 x 18awg | 0.594                           | 15.1                        | 197              |

**Recommended Applications:** Servoflex PUR shielded, UL/CSA approved and Desina conforming with low capacitance is designed for electronically controlled servo motors and as a power and feedback cable for power supply chains, automatic handling equipment and robots. The polyurethane (PUR) outer sheath is highly cut, notch and abrasion resistant.

**Conductor:** Bare copper class 6 stranding.

**Colour Code:** Cores are black with consecutive white numbering 1-3 and green yellow protective conductor.

**Shielding:** Pairs have foil & tinned copper braid. Overall tinned copper braid (minimum 85% coverage).

**Jacketing Compound:** PUR-based outer sheath, flame retardant and self-extinguishing. Low adhesive and resistant to hydrolysis and microbes.

**Minimum Bend Radius:**  
Fixed installation 5 x OD.  
Flexing application 7.5 x OD.

**Temperature Range:**  
For static applications -50°C to + 80°C.  
For flexing applications -40°C to + 80°C.

**Nominal Voltage Rating:** 1000V.

**Test Voltage:** 4000V.  
Control Core 2000V.

**Basic Construction:** Superfine strands of bare copper with polypropylene (PP) insulation. Power cores are black and number coded 1-3, with a green/yellow ground. Twisted pairs are individually shielded, with a foil and braided shielded, and a tinned copper drain wire. The power cores are cabled together, with an overall tinned copper braided shield.

**Approvals:** CSA, UL, CE.  
RoHS Compliant.

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