

# Continuous Flex Control Cable

This control cable is designed for continuous flexing applications, including CNC machine tools and automation equipment. Its shielded design provides effective protection against electromagnetic interference.



## Product Overview

### Continuous Flex Control Cable

This continuous flex control cable is engineered for demanding industrial applications requiring reliable movement, such as automation, robotics, and machine tools. Featuring finely stranded bare copper conductors and a shielded design, it offers excellent flexibility and protection against electromagnetic interference (EMI). The robust PVC construction ensures durability against abrasion and harsh environmental conditions, making it an ideal choice for high-cycle drag chain systems.

## Technical Specifications

### Test Voltage

**2000 V**

Test Voltage

Rated Voltage	300 V
Insulation Resistance (20°C)	e10MΩm
Certifications	UL2464

## Temperature & Flexibility

### Temperature Range

Application	Range
Fixed	-40°C ~ 80°C
Mobile	-5°C ~ 70°C

### Min. Bending Radius

- Fixed Application: 4D (D=diameter)
- Mobile Application: 10D (D=diameter)

Drag Chain Performance	1-3 million cycles
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## Construction

Conductor	Fine stranded bare copper (IEC 60228/VDE 0295 class 5)
Shielding	Tinned copper braiding
Jacket Material	PVC (Grey, RAL 7001)

## Features

### Key Features

Flame Resistant (IEC60332-1) • EMI Shielded • High Flexibility • Small Bending Radius