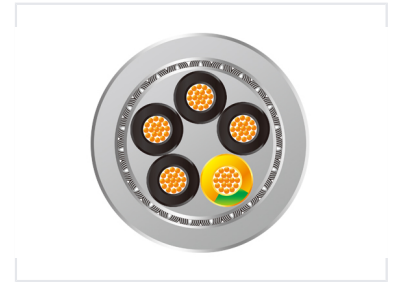


# Continuous Flexing Control Cable

This control cable can be used in CNC machine tools, engraving machines, and steel production lines. It is suitable for drag chains or frequent movement in greasy environments where electrical interference is a concern.



## Product Overview

### Continuous Flexing Control Cable

This high-performance control cable is engineered for continuous motion applications, such as drag chains and industrial robotics. Featuring a robust PUR jacket and shielding against electromagnetic interference, it offers excellent resistance to oil, abrasion, and hydrolysis. Designed for reliability in harsh environments, it ensures consistent data and power transmission for machine tools and automation systems.

## Technical Parameters

### Drag Chain Life

**8 Million**  
Max Cycles

Rated Voltage	500 V
Test Voltage	4000 V/min
Insulation Resistance (20°C)	≥20MΩm

## Temperature Range

Fixed Application	-40°C to 80°C
Mobile Application	-5°C to 70°C

## Bending Radius

### Minimum Bending Radius

Application	Radius
Fixed Application	4D
Mobile Application	7.5D

## Cable Construction

### Construction Details

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

Core Identification	Black cores with white numbering, plus green-yellow conductor (DIN VDE 0293)
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## Features & Compliance

### Key Features

Oil Resistant • Abrasion Resistant • Anti-Hydrolysis • EMI Shielded • Flame Resistant

### Flame Resistance Standard

IEC 60332-1