

# Continuous Flex Control Cable

This control cable is designed for continuous motion applications in various machines. It is suitable for drag chains and frequent movement in greasy environments, such as CNC machine tools and automation equipment.



## Overview

### Continuous Flex Control Cable

This high-performance control cable is engineered for demanding industrial environments requiring continuous motion. Designed with fine-stranded bare copper conductors and a durable PVC jacket, it offers exceptional flexibility and a small bending radius, making it ideal for cable carriers and robotic systems. With proven resistance to oil and flame, this cable ensures reliable signal and power transmission in dynamic applications.

## Technical Specifications

### Rated Voltage

**300 V**

Rated Voltage

**500 V**

Max Voltage

### Test Voltage

4000 V

### Insulation Resistance

e20M@m

## Operating Conditions

### Temperature Range (Fixed)

-40°C to 70°C

### Temperature Range (Mobile)

-5°C to 70°C

### Drag Chain Application Cycles

3-8 million

## Mechanical Properties

### Minimum Bending Radius

Application	Radius
Fixed	3D
Mobile	7.5D

## Construction

Conductor	Fine stranded bare copper (IEC 60228/VDE 0295 class 6)
Jacket Material	PVC
Jacket Color	Black (RAL 9005)

## Features

### Key Features

Flame Resistant • Oil Resistant • High Flexibility • Small Bending Radius