

Continuous Flex Control Cable

This control cable is designed for low voltage systems in CNC machines, engraving machines, and woodworking machines. It is suitable for drag chain applications and frequent movement in automation equipment production lines.



Product Overview

Continuous Flex Control Cable

This highly flexible control cable is engineered specifically for continuous flex applications, making it an ideal solution for drag chain systems. It features a robust construction with fine-stranded bare copper conductors and a durable PVC jacket that offers excellent resistance to oil and abrasion. Designed for demanding industrial environments, this cable ensures reliability and high performance even under constant motion.

Technical Parameters

Rated Voltage	30 V
Test Voltage	2000 V/min
Insulation Resistance (20°C)	e10MΩm
Technical Certification	UL2464

Operating Conditions

Temperature Range

-40 °C Fixed Application Min	80 °C Fixed Application Max	-5 °C Mobile Application Min	70 °C Mobile Application Max
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Minimum Bending Radius

Application Type	Radius
Fixed Application	4D
Mobile Application	7.5D

Drag Chain Cycles	3~8 million times
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Cable Construction

Conductor Material	Fine stranded bare copper
Conductor Standard	IEC 60228/VDE 0295 class 6
Insulation Material	PVC
Jacket Color	Grey (RAL 7001)

Features

Key Features

Flame resistant (IEC60332-1) • High flexibility • Oil resistant • Small bending radius