

ACP Series Modular Coolant Hose for CNC Machines



Product Overview

The ACP Series modular coolant hose directs oil, water, and compatible cooling fluids in CNC machines, machine tools, hydraulic equipment, and industrial processing systems.

Key Features

- Segmented structure can be positioned manually.
- Round and flat nozzle options for focused or wider fluid delivery.
- 1/4 PT, 3/8 PT, and 1/2 PT threaded connections.
- Suitable for cooling water, cutting fluid, and lubricating oil.
- Corrosion-resistant material for industrial coolant environments.
- Non-conductive structure for appropriate machinery installations.
- Standard 300 mm length with custom lengths available.

Technical Specifications

Parameter	Specification
Product Name	ACP Series Modular Coolant Hose
Product Type	Adjustable segmented coolant hose
Suitable Fluids	Cooling water, cutting fluid and lubricating oil
Adjustment Method	Manually adjustable segmented structure
Nozzle Options	Round nozzle and flat nozzle
Standard Length	300 mm
Connection Options	1/4 PT, 3/8 PT, and 1/2 PT
Installation	Threaded connection
Main Applications	CNC, machine tools, hydraulic and cooling systems
Material Characteristics	Non-conductive and corrosion-resistant
Customization	Custom lengths available

Order Model

ACP - 02 300 R

Model _____

Thread Diameter _____

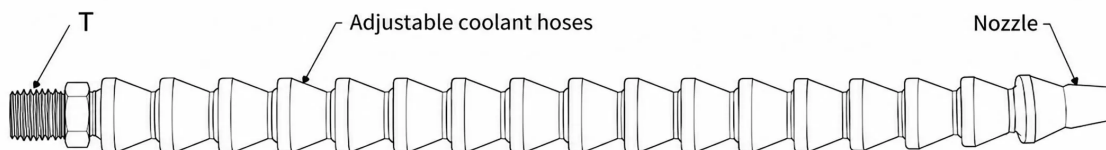
02: 1/4PT
03: 3/8PT
04: 1/2PT

Length _____

Nozzle Style _____

R: Circular Nozzle
F: Flat Nozzle

Model Selection and Dimensions



Model	T	Round Nozzle Size	Flat Nozzle Width	Length
ACP-02300	1/4 PT	4 mm	10 mm	300 mm
ACP-03300	3/8 PT	6 mm	20 mm	300 mm
ACP-04300	1/2 PT	8 mm	25 mm	300 mm

* Custom lengths are available.

Applications

- CNC drilling, milling, turning, and grinding operations.
- Machining centers requiring localized coolant delivery.
- Hydraulic equipment and oil circulation systems.
- Molds, fixtures, bearings, and component cooling.
- Chip flushing, tool lubrication, and temperature control.

Fluid Compatibility

Use with cooling water, cutting fluid, lubricating oil, or other compatible industrial fluids. Confirm the operating medium and pressure before using the hose with compressed air.

Nozzle Selection

- Round nozzles provide a concentrated fluid stream.
- Flat nozzles distribute coolant across a wider area.
- Match thread size and outlet dimensions to the machine connection.

Installation Guidance

Secure the threaded connection and position each segment by hand. Keep the hose clear of moving parts and confirm the required reach before ordering a standard or custom length.

Ordering Checklist

- Model and PT thread size.
- Round or flat nozzle shape and outlet size.
- Standard or custom hose length.
- Working fluid and installation position.
- Quantity and packaging requirements.

Safety Notes

- Isolate the fluid supply before installation or repositioning.
- Use only fluids compatible with the hose and machine process.
- Inspect threaded joints and hose segments regularly.

Contact Information

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