

Technical Data Sheet (V-3.0)



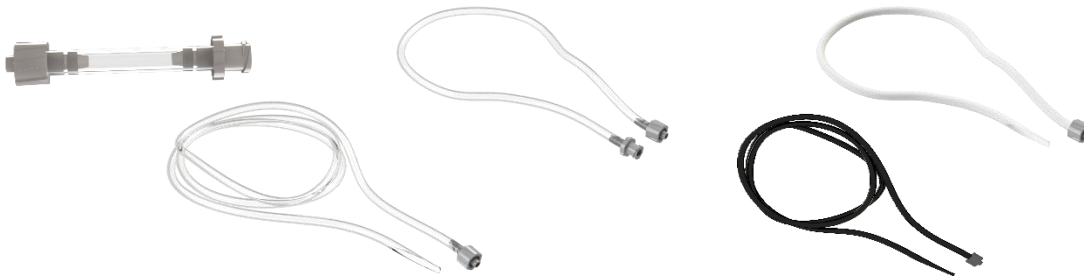
Pinch Tube

A special tube for controlling the fluid flow when used with ADoST Pinch Valve

14th Nov 2024

Product Description

A pinch tube, is a flexible tube used with pinch valve to control fluid flow by pinching the tube. Typically made of a special elastomeric plastic, the tube can be repeatedly compressed without damage. The ADoST Pinch valve uses a pneumatic force to pinch the tube, stopping or restricting the flow. This allows precise control of the flow rate. Pinch tube when combined with ADoST pinch valve reduces the wet parts thus completely eliminating the risk of adhesive contamination in the valve.



Applications

ADoST Pinch Tube is designed to be used with low to medium viscous fluid control when used along with ADoST Pinch Valve. It can be used with following fluids

- Cyanoacrylate adhesives
- Anaerobic adhesives
- Two components low to medium viscous adhesives
- UV Adhesives

Product Features

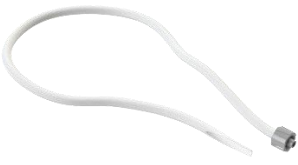
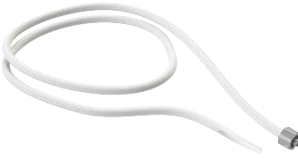


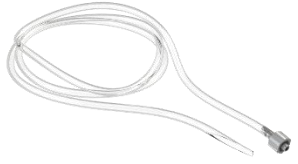
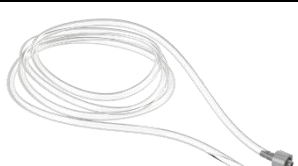

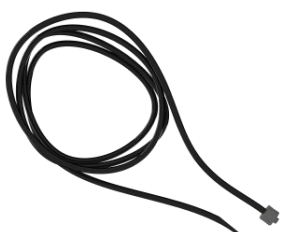
- Steady fluid flow.
- Wide variety to handle different applications.

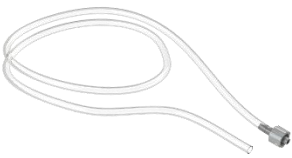




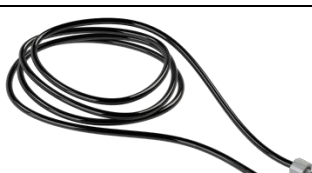


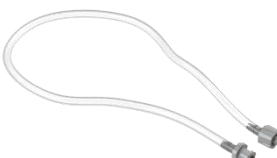
Technical Data

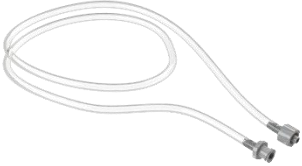
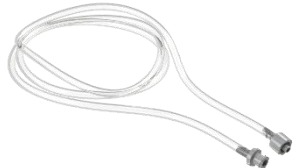


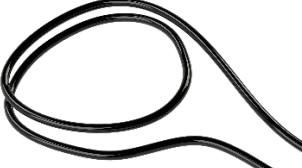



Operating Pressure	0 - 5 bar
Tube ID	2mm, 4mm (Variant dependent)
Tube OD	3mm, 6mm (Variant dependent)

Variants



Product Image	Model No	Tube ID	Tube OD	Length	Compatible machine models
	ADoST-PT-23-1C-SE-0-5	2mm	3mm	0.5m	<ul style="list-style-type: none"> • ADoST-PPS-CY-23-2P • ADoST-PPS-NXT-CY-23-2P
	ADoST-PT-23-1C-SE-1-0	2mm	3mm	1.0m	
	ADoST-PT-23-1C-SE-1-5	2mm	3mm	1.5m	
	ADoST-PT-23-1C-SE-2-0	2mm	3mm	2.0m	
	ADoST-PT-46-1C-SE-0-6	4mm	6mm	0.6m	<ul style="list-style-type: none"> • ADoST-PPS-AN-46-6P • ADoST-PPS-NXT-AN-46-6P
	ADoST-PT-46-1C-SE-0-8	4mm	6mm	0.8m	
	ADoST-PT-46-1C-SE-B-0-6	4mm	6mm	0.6m	<ul style="list-style-type: none"> • ADoST-PPS-UV-46-6P • ADoST-PPS-NXT-UV-46-6P
	ADoST-PT-46-1C-SE-B-0-8	4mm	6mm	0.8m	

Product Image	Model No	Tube ID	Tube OD	Length	Compatible machine models
	ADoST-PT-46-1C-0-4	4mm	6mm	0.4m	<ul style="list-style-type: none"> • ADoST-PPS-AN-46-6P • ADoST-PPS-NXT-AN-46-6P • ADoST-CDS • ADoST-CDS+ • ADoST-CDS-PRO
	ADoST-PT-46-1C-0-6	4mm	6mm	0.6m	
	ADoST-PT-46-1C-0-8	4mm	6mm	0.8m	
	ADoST-PT-46-1C-B-0-4	4mm	6mm	0.4m	<ul style="list-style-type: none"> • ADoST-PPS-NXT-UV-46-6P
	ADoST-PT-46-1C-B-0-6	4mm	6mm	0.6m	
	ADoST-PT-46-1C-B-0-8	4mm	6mm	0.8m	
	ADoST-PT-46-2C-0-05	4mm	6mm	0.05m	<ul style="list-style-type: none"> • ADoST-PPS-AN-46-6P • ADoST-PPS-NXT-AN-46-6P • ADoST-CDS • ADoST-CDS+ • ADoST-CDS-PRO
	ADoST-PT-46-2C-0-04	4mm	6mm	0.04m	
	ADoST-PT-46-2C-0-2	4mm	6mm	0.2m	

Product Image	Model No	Tube ID	Tube OD	Length	Compatible machine models
	ADoST-PT-46-2C-0-4	4mm	6mm	0.4m	<ul style="list-style-type: none"> • ADoST-PPS-AN-46-6P • ADoST-PPS-NXT-AN-46-6P • ADoST-CDS • ADoST-CDS+ • ADoST-CDS-PRO
	ADoST-PT-46-2C-0-6	4mm	6mm	0.6m	
	ADoST-PT-46-2C-0-8	4mm	6mm	0.8m	
	ADoST-PT-46-2C-B-0-2	4mm	6mm	0.2m	<ul style="list-style-type: none"> • ADoST-PPS-NXT-UV-46-6P
	ADoST-PT-46-2C-B-0-4	4mm	6mm	0.4m	
	ADoST-PT-46-2C-B-0-6	4mm	6mm	0.6m	
	ADoST-PT-46-2C-B-0-8	4mm	6mm	0.8m	
	ADoST-PT-46-2C-B-0-8	4mm	6mm	0.8m	



Warranty

ADoST Pinch Tube is guaranteed against any defects in workmanship and material for a period of one year from the date of supply.

Customization

All ADoST dispensing equipment are designed to be flexible and specific customization may be possible against customer requests at added cost. However, only ADoST's R&D team is authorized to issue written confirmation/acceptance of any customization.

Disclaimer

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