

## FEATURES

- **Silicone Free**
- **4:1 Safety factor**
- **95/98 Shore A hardness**
- **Resistant to kinks**
- **FDA compliant**

# RS PRO Air Hose Clear Polyurethane 8mm x 30m CPU Series

RS Stock No.: 917-2404



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

Brought to you by RS Pro, these polyurethane tubes are available in various sizes and colours and can be used with pneumatic Push Fit adapters. It has exceptional abrasion and kink resistance and suitable for use with a wide range of chemicals. This tubing is FDA-compliant and silicone free. All models are highly reliable and excellent quality.

## General Specifications

<b>Colour</b>	Clear
<b>Material</b>	Polyurethane (Ester Based)
<b>Number Of Tubes</b>	1
<b>Special Features</b>	Low Temperature Flexibility
<b>Application</b>	Chemical Transfer Tubing, Fuel & Lubrication Lines, Pneumatic Control Systems

## Mechanical Specifications

<b>Hose Inside Diameter</b>	5.0mm $\pm$ 0.20mm
<b>Hose Outside Diameter</b>	8.0mm $\pm$ 0.20mm
<b>Length</b>	30m
<b>Weight Per Metre</b>	0.040Kg
<b>Bend Radius</b>	50mm

## Operation Environment Specifications

Maximum Operating Pressure	10 Bar
Minimum Operating Temperature	-50°C
Maximum Operating Temperature	55°C
Burst Pressure	40 Bar

## Approvals

Compliance/Certifications	FDA
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RS Stock Number	9172384	9172387	9172381	9172393	9172397
Internal diameter	2.5 ± 0.10mm	4.0 ± 0.12mm	5.0 ± 0.20mm	7.5 ± 0.20mm	9.0 ± 0.20mm
External diameter	4.0 ± 0.10mm	6.0 ± 0.20mm	8.0 ± 0.20mm	10.0 ± 0.20mm	12.0 ± 0.20mm
Length Tolerance	BS EN ISO 1307 (± 1%)				
Maximum Working Pressure	11 Bar	10 Bar	10 Bar	7.5 Bar	6.5 Bar
Minimum Burst Pressure	44 Bar	40 Bar	40 Bar	30 Bar	26 Bar
Bend radius	25mm	40mm	50mm	75mm	90mm
Working Temperature	- 50°C to + 55°C				
Material	Polyurethane (Ester Based)				
Material Softness	95/98 Shore A hardness				
Weight per metre	0.01Kg	0.023Kg	0.040Kg	0.044Kg	0.069Kg
Coil Weight	0.30Kg	0.70Kg	1.20Kg	1.32Kg	2.06Kg