

FEATURES

- White reinforced PVC flexible tubing
- Suitable for water applications
- Length of 10m
- Inner diameter of 10mm
- Outer diameter of 16mm
- Bend radius of 40mm
- Minimum operating temperature of -15°C
- Maximum operating temperature of +70°C
- Maximum working pressure of 10bar

RS PRO PVC Flexible Tubing, White, 16mm External Diameter, 10m Long, Reinforced, 40mm Bend Radius, Water Applications

RS Stock No.: 197-8229



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

This flexible, reinforced PVC tubing from the RS PRO range is manufactured using ultra-hygienic heat-bonding technology. This removes the need for chemicals during the manufacturing process. It features a high-quality PVC outer that's been extruded with a brilliant white clinical finish, as well as a TPE mirror-smooth inner for improved flow. This type of flexible tubing is often used for water-supply systems in the caravan and marine industries.

General Specifications

Material	PVC
Colour	Black liner / white outer
Reinforced	Yes
Nominal Size	10mm x 16mm
Application	Vending machine, Water softeners, Drinking water, Popular with the caravan and marine industry for water supply tubing

Mechanical Specifications

Inner Diameter	10mm
Outer Diameter	16mm
Length	10m
Bend Radius	40mm

Operation Environment Specifications

Minimum Operating Temperature	-15°C
Maximum Operating Temperature	+70°C
Maximum Working Pressure	10bar

Approvals

Compliance/Certifications

Water Regulations Advisory Scheme (WRAS) Approved, BS 6920, FDA Approved



KEY FEATURES:

- | Aquavend will not support microbiological growth.
- | WRAS approved construction. Certification available on request or downloadable from www.copely.com
- | Cadmium and silicone-free.
- | Manufactured using Copely's unique ultra-hygienic heat bonding technology eradicating the need for chemicals.
- | High quality PVC outer extruded with a brilliant white 'clinical' finish.
- | TPE mirror smooth inner for improved flow.
- | Odourless and taint free specialist materials.
- | Good flexibility and durability.
- | Excellent resistance to abrasion.
- | Specially selected high tensile polyester fibres used at the optimum braid angle of 54° 44'(54.73°) creates an effectively balanced pressure hose.
- | Good kink resistance across a wide temperature range.
- | Independently tested in accordance with BS 6920.

SIZES:

- | Available in 30m coils
- | 6.3mm-25mm ID

COLOURS:

- | Black liner / White outer
- | Custom sizes and colours available on request subject to minimum order quantity.

Product Ref		PHR06	PHR10	PHR12	PHR19	PHR25
Ex Stock	30m roll	•	•	•	•	•
Nominal size		6.3 x 12mm	10 x 16mm	12.5 x 19mm	19 x 26mm	25 x 33mm
Internal Diameter		6.3 ± 0.25mm	10.0 ± 0.25mm	12.5 ± 0.25mm	19.0 ± 0.25mm	25.0 ± 0.25mm
External Diameter		12.0 ± 0.30mm	16.0 ± 0.30mm	19.0 ± 0.30mm	26.0 ± 0.30mm	33.0 ± 0.50mm
Length Tolerance		BS EN ISO 1307 (± 1%)				
Maximum Working Pressure		10 Bar	10 Bar	10 Bar	10 Bar	10 Bar
Minimum Burst Pressure		80 Bar	60 Bar	44 Bar	40 Bar	30 Bar
Bend radius		30mm	40mm	55mm	135mm	210mm
Working Temperature		- 15°C to + 70°C				
Material		Hytrel / Flexible PVC				
Material Softness		BSS45 FDA Approved				
Flammability		Self Extinguishing				
Weight per meter		0.110Kg	0.158Kg	0.207Kg	0.300Kg	0.500Kg
Coil Weight		3.30Kg	4.73Kg	6.20Kg	9.00Kg	15.00Kg
Packaging		Strapex Ties and Shrinkwrap				
Applicable Standards		WRAS Approved Registration Number 1004503				