

FEATURES

- Glass clear transparency
- Excellent abrasion and corrosion properties
- Good flexibility
- EC compliant for food applications
- Suitable for use with alcohol, petrol, oils, greases and solvents
- Highly resistant to a wide range of acids and alkalis
- Manufactured from cadmium and silicone-free materials using a special low toxic

RS PRO PVC Flexible Tubing, Transparent, 12mm External Diameter, 25m Long, 81mm Bend Radius, Applications Various

RS Stock No.: 797-344



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 RS Pro clear PVC hose is suitable for a wide range of applications such as for low-pressure food and general industrial based environments. The hose is manufactured from the highest quality, low-toxic materials to give excellent clarity, flexibility and durability over a wide temperature range. The highly flexible hose supports use in both open and tight spaces and with excellent corrosion and abrasion properties, this PVC hose is a durable and reliable tool in any application.

General Specifications

Material	PVC
Colour	Transparent
Reinforced	No
Application	Alcohol, Grease, Oil, Petrol, Solvent, General industrial applications; Scientific; Pharmaceutical; Medical

Mechanical Specifications

Inner Diameter	6mm
Outer Diameter	12mm
Length	25m
Bend Radius	81mm

Operation Environment Specifications

Minimum Operating Temperature	-15°C
Maximum Operating Temperature	+60°C
Maximum Working Pressure	4 bar

Approvals

Compliance/Certifications

RoHS compliant



Product Ref	C03/8	C04/8	C05/8	C06/9	C08/11	C08/14	C10/13
Ex Stock	30m roll						
Nominal size	3 x 6mm	4 x 6mm	5 x 8mm	6 x 9mm	8 x 11mm	8 x 14mm	10 x 13mm
Internal Diameter	3.0 ± 0.20mm	4.0 ± 0.25mm	5.0 ± 0.25mm	6.0 ± 0.25mm	8.0 ± 0.25mm	8 ± 0.25mm	10.0 ± 0.25mm
External Diameter	6.0 ± 0.25mm	6.0 ± 0.25mm	8.0 ± 0.25mm	9.0 ± 0.25mm	11.0 ± 0.25mm	14.0 ± 0.25mm	13.0 ± 0.25mm
Length Tolerance	BS EN ISO 1307 (± 1%)						
Maximum Working Pressure	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Minimum Burst Pressure	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bend radius	54mm	54mm	72mm	81mm	99mm	126mm	117mm
Working Temperature	- 15°C to + 60°C						
Material	Flexible PVC						
Material Softness	B9945 FDA Approved						
Flammability	Self Extinguishing						
Weight per meter	0.030Kg	0.023Kg	0.035Kg	0.044Kg	0.065Kg	0.139Kg	0.078Kg
Coil Weight	0.91Kg	0.69Kg	1.05Kg	1.32Kg	1.935Kg	4.16Kg	2.34Kg
Packaging	Shrinkwrap						
Applicable Standards							

Product Ref		C22/28	C25/31	C32/42	C38/48	C50/61.5	
Stock	30m roll	•	•	•	•	•	
Nominal size		22 x 28mm	25 x 31mm	32 x 42mm	38 x 48mm	50 x 61.5mm	
Internal Diameter		22.0 ± 0.25mm	25.0 ± 0.50mm	32.0 ± 0.50mm	38.0 ± 0.50mm	50.0 ± 0.50mm	
External Diameter		28.0 ± 0.50mm	31.0 ± 0.50mm	42.0 ± 0.50mm	48.0 ± 1.00mm	61.5 ± 1.0mm	
Length Tolerance		BS EN ISO 1307 (± 1%)					
Maximum Working Pressure		N/A	N/A	N/A	N/A	N/A	
Minimum Burst Pressure		N/A	N/A	N/A	N/A	N/A	
Bend radius		252mm	279mm	378mm	432mm	554mm	
Working Temperature		- 15°C to + 60°C					
Material		Flexible PVC					
Material Softness		BSS45 FDA Approved					
Flammability		Self Extinguishing					
Weight per meter		0.325Kg	0.320Kg	0.640Kg	1.000Kg	1.208Kg	
Coil Weight		9.76Kg	9.60Kg	19.20Kg	30.00Kg	36.24Kg	
Packaging		Shrinkwrap					
Applicable Standards							

Product Ref		C10/16	C12/15	C12/18	C16/19	C16/22	C19/22	C19/25
Stock	30m roll	•	•	•	•	•	•	•
Nominal size		10 x 16mm	12 x 15mm	12 x 18mm	16 x 19mm	16 x 22mm	19 x 22mm	19 x 25mm
Internal Diameter		10.0 ± 0.25mm	12.0 ± 0.50mm	12.0 ± 0.25mm	16.0 ± 0.25mm	16.0 ± 0.25mm	19.0 ± 0.25mm	19.0 ± 0.25mm
External Diameter		16.0 ± 0.25mm	15.0 ± 1.00mm	18.0 ± 0.25mm	19.0 ± 0.30mm	22.0 ± 0.40mm	22.0 ± 0.40mm	25.0 ± 0.50mm
Length Tolerance		BS EN ISO 1307 (± 1%)						
Maximum Working Pressure		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Minimum Burst Pressure		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bend radius		144mm	135mm	162mm	171mm	198mm	198mm	225mm
Working Temperature		- 15°C to + 60°C						
Material		Flexible PVC						
Material Softness		BSS45 FDA Approved						
Flammability		Self Extinguishing						
Weight per meter		0.164Kg	0.092Kg	0.163Kg	0.122Kg	0.220Kg	0.151Kg	0.262Kg
Coil Weight		4.91Kg	2.75Kg	4.89Kg	3.66Kg	6.60Kg	4.53Kg	7.86Kg
Packaging		Shrinkwrap						
Applicable Standards								