

Ducting Systems

Flexible - Round

Circular Flexible PVC Hose

Domestic Ventilation



The Manrose Circular Flexible PVC Hose is Lightweight, Ultra Flexible and manufactured from PVC film.

- Range of diameters from 80 to 200mm film.
- Suitable for Domestic Use.
- Compliant with Approved Document Part F

Plasticiser Type:

Monomeric (DEHP free)

Stabilisation System:

Without heavy metals

Thickness: 75µm

Colour: White 1425

Maximum Operating

Temperature: 60° Celsius

Distance between windings: 35mm

Windings Material: Steel

Film Material: Polyvinyl Chloride

3761	3"/80mm	L: 1 metre
3763	3"/80mm	L: 3 metre
3766	3"/80mm	L: 6 metre
37615	3"/80mm	L: 15 metre
101025	4"/100mm	L: 1 metre
1020	4"/100mm	L: 3 metre
1024	4"/100mm	L: 6 metre
10415	4"/100mm	L: 15 metre
1023	4"/100mm	L: 45 metre
10251	5"/125mm	L: 1 metre
5753	5"/125mm	L: 3 metre
1030	5"/125mm	L: 4 metre
5756	5"/125mm	L: 6 metre
10515	5"/125mm	L: 15 metre
1068	5"/125mm	L: 45 metre
10253	6"/150mm	L: 1 metre
6763	6"/150mm	L: 3 metre
1040	6"/150mm	L: 5 metre
6766	6"/150mm	L: 6 metre
10615	6"/150mm	L: 15 metre
8781	8"/200mm	L: 1 metre
8783	8"/200mm	L: 3 metre
8786	8"/200mm	L: 6 metre
87815	8"/200mm	L: 15 metre

General Properties	Unit	Method	Typical Value
Surface Mass	g/m ²	NF T 54-101	100
Thickness over emboss	µm	NF T 54-101	70 / 79
Available Width	mm		≥1570

Physical Properties	Unit	Method	Typical Value
Elongation at break	%	NF EN ISO 527-3	≥90
<i>Machine direction</i>			≥160
<i>Cross direction</i>			
Tensile strength at break	MPa	NF EN ISO 527-3	
<i>Machine direction</i>			≥15
<i>Cross Direction</i>			≥12

Reaction To Fire	Method	Classification
Flame retardant: No		
	French test	NF P 92-503
	German test	DIN 4102-1
		No
		No

Processing	Comments
Hot air or THF solvent sealing	Optimisation needed depending on machine

Storage & Handling	
Storage Temperature	We recommend indoor storage (no sunlight) at room temperature (max. 23°C)
Storage Time	We recommend storage time less than one year after production
Processing Temperature	Film should be stored at room temperature (max. 23°C, min. 24h) before processing