

## Features

- Optimum flow maintained by the smooth bore.
- Tough, flexible and durable under normal operating conditions
- Flexibility maintained even under cold weather conditions.
- Transparent wall allows easy identification of contents.
- Temperature Range: - 10 °C to +55 °C
- Crush resistant helix.
- UV Resistant.
- Cross section maintained even when highly flexed.
- Non-toxic

## RS PRO Hose Pipe, PVC, 102mm ID, 114.6mm OD, Clear, 10m

RS Stock No.: 136-9446



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

*The RS Pro non-toxic PVC hose is lightweight and clear with a rigid crush resistant white PVC helix. It is tough, flexible, and durable under normal operating conditions. It has outstanding resistance to the effects of weather and minimum frictional loss is achieved by the smooth bore.*

Application:

- It is suitable for the light duty suction and delivery of water, powders, granules, foodstuffs, and dilute chemicals.*
- It is ideally suited to applications in the agricultural, food processing, plastics handling, marine. It is UV compounded to resist atmospheric conditions and is ideally suited to external applications.*

Construction:

*It is manufactured from a white rigid crush resistant antishock PVC Spiral helix encapsulated in a clear flexible PVC cover together with a smooth inner wall. Manufactured from FDA, approved ingredients and is non-toxic.*

General Specifications

Material	PVC
Colour	Clear
Reinforced	Yes
Hose Pipe / Flexible Tube	Hose Pipe
Hose Pipe Actions	Transfer, Vacuum
Application	Food Processing, Agricultural, Plastic Handling, Marine. Delivery of water, powders, granules, foodstuff, and dilute chemicals.

Mechanical Specifications

Inner Diameter	102mm
Outer Diameter	114.6mm
Length	10m
Bend Radius	459mm
Weight Per Meter	2.16kg
Wall Thickness	6.3mm

Operation Environment Specifications

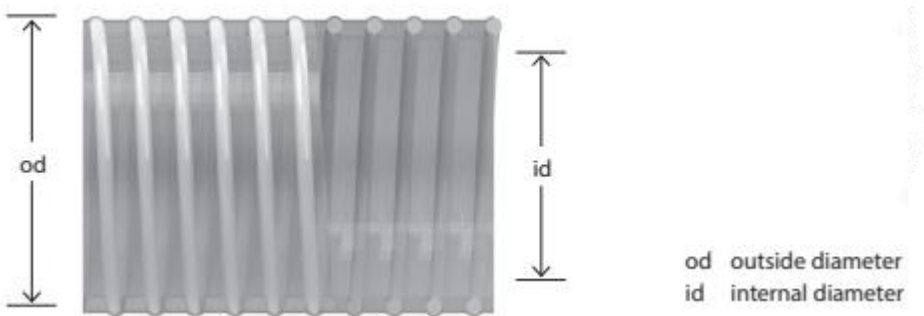
Minimum Operating Temperature	-10°C
Maximum Operating Temperature	+55°C
Maximum Working Pressure	4 bar

Approvals

Standards	EU Food, FDA
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All sizes are nominal and normal manufacturing tolerances apply.

- (i) Maximum working pressure is based on a factor of safety of 3:1 on short term burst pressure at 20°C. If the temperature increases, please refer to the temperature pressure charts.
- (ii) Bending diameter information is intended as a guide to the minimum bend radius at 20°C ambient temperature without restricting the bore. It does not mean that the hose cannot be bent below the given dimensions but restriction is likely to occur.



Similar Products

Product	Internal Dia.. Inch	Internal Dia. mm	External Dia. mm	Wall Thickness Overall mm	Weight Kg/m	Min Bend Radius mm	Vacuum Mtrs H2O	Working Pressure Bar	Length m
1369436	¾"	19.0	24.6	2.8	0.28	86	7	9.0	10
1369437	1"	25.4	32.0	3.3	0.33	114	7	8.0	10
1369438	1¼"	32.0	39.2	3.6	0.46	143	7	7.0	10
1369439	1½"	38.0	45.4	3.7	0.55	171	7	6.5	10
1369442	2"	51.6	59.8	4.1	0.81	230	7	6.0	10
1369446	4"	102.0	114.6	6.3	2.16	459	7	4.0	7