

Features

- Optimum flow is maintained by the smooth bore.
- Tough, flexible, and extremely durable under normal operating conditions.
- Crush resistant helix.
- Cross section maintained even when highly flexed.
- UL 94 V2 Classification - self extinguishing

RS PRO Dark Grey PVC Reinforced Flexible Ducting, 10m, (Minimum) 51mm Bend Radius

RS Stock No.: 136-9477



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

This hosing features a kink and crush-resistant white plastic helix to reinforce the tough ducting, so you won't need to worry about blockages or disruptions when transferring fluid supplies. It's made of a polyvinyl chloride (PVC) material that's hardwearing and long-lasting. It is tough, flexible, and extremely durable under normal operating conditions. The cross section is maintained even when highly flexed. Minimum frictional loss is achieved by the smooth bore.

The ducting features an inner tube that has a smooth bore to provide even pressure and good flow. Use this component both indoors and outdoors at temperatures between -10°C and +55°C. It can be used to extract wood chippings, sawdust, and fumes.

Applications:
Suitable for use in applications on industrial vacuum cleaners and for the extraction of fumes, wood chippings and sawdust.

Construction
White rigid crush resistant anti-shock PVC spiral helix encapsulated in a dark grey flexible PVC cover, with a smooth inside wall. REACH compliant, DEHP free and less than 0.1% ortho-phthalates

General Specifications

| | |
|---------------------------|---------------------------|
| Material | PVC |
| Colour | Dark Grey |
| Reinforced | Yes |
| Hose Pipe / Flexible Tube | Hose Pipe |
| Hose Pipe Actions | Transfer / Vacuum |
| Application | Abrasive Materials, Fumes |

Mechanical Specifications

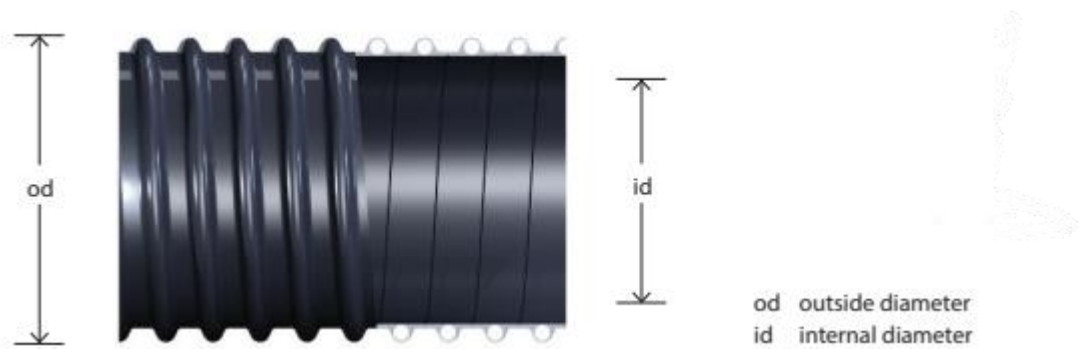
| | |
|------------------|--------|
| Inner Diameter | 51.6mm |
| Outer Diameter | 58.6mm |
| Length | 10m |
| Bend Radius | 51mm |
| Weight Per Meter | 0.44kg |
| Wall Thickness | 3.5mm |
| Vacuum Metr H2O | 5 |

Operation Environment Specifications

| | |
|-------------------------------|---------|
| Minimum Operating Temperature | -10°C |
| Maximum Operating Temperature | +55°C |
| Maximum Working Pressure | 0.5 bar |

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

Below is our full range of this RS PRO PVC Reinforced Flexible Ducting Hoses in Dark Grey

| 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 |
|---------|---------------------|------------------|------------------|---------------------------|-------------|--------------------|-----------------|----------------------|----------|
| 1369474 | 1" | 25.4 | 32.0 | 3.3 | 0.20 | 25 | 5 | 0.5 | 10 |
| 1369475 | 1¼" | 32.0 | 38.6 | 3.3 | 0.30 | 32 | 5 | 0.5 | 10 |
| 1369476 | 1½" | 38.0 | 44.8 | 3.4 | 0.31 | 38 | 5 | 0.5 | 10 |
| 1369477 | 2" | 51.6 | 58.6 | 3.5 | 0.44 | 51 | 5 | 0.5 | 10 |
| 1369478 | 2" | 51.6 | 58.6 | 3.5 | 0.44 | 51 | 5 | 0.5 | 5 |
| 1369479 | 2½" | 63.5 | 71.5 | 4.0 | 0.65 | 63 | 4 | - | 10 |
| 1369480 | 2½" | 63.5 | 71.5 | 4.0 | 0.65 | 63 | 4 | - | 5 |
| 1369481 | 3" | 76.0 | 85.0 | 4.5 | 0.75 | 76 | 4 | - | 10 |
| 1369482 | 3" | 76.0 | 85.0 | 4.5 | 0.75 | 76 | 4 | - | 5 |
| 1369484 | Metric | 80.0 | 89.0 | 4.50 | 0.79 | 80 | 4 | - | 5 |
| 1369485 | 4" | 102.0 | 112.0 | 5.0 | 1.01 | 102 | 3 | - | 10 |
| 1369486 | 4" | 102.0 | 112.0 | 5.0 | 1.01 | 102 | 3 | - | 5 |
| 1369487 | 5" | 127.0 | 138.0 | 5.5 | 1.36 | 127 | 3 | - | 10 |
| 1369488 | 5" | 127.0 | 138.0 | 5.5 | 1.36 | 127 | 3 | - | 5 |
| 1369489 | 6" | 152.0 | 164.0 | 6.0 | 1.76 | 152 | 3 | - | 10 |
| 1369490 | 6" | 152.0 | 164.0 | 6.0 | 1.76 | 152 | 3 | - | 5 |