

# Technical Data Sheet

## PVC Flexible Air Hoses

### PVC FLEXIBLE HOSE

**MATERIAL:** A light wire reinforced white PVC 70µm thick hose for domestic applications. The flexible hose is constructed as a continuous left hand helix on a bespoke forming head. The reinforced wire is 100% sealed inside a fold of PVC tape which in turn is overlapped by the next pitch. The joints are welded by hot air welding of the layers of PVC in order to produce a continuous sealed tube.

ICON has a range of wire reinforced flexible PVC ducting specially designed for the ventilation market. The round profiles are compatible with our PVD rigid ducting range. This hose provides solutions where rigid components cannot be installed. Particularly suitable for installation where there is slow moving air, such as tumble driers.



**PRODUCT:** Round PVC Flexible Hose  
**LENGTH:** 1, 3, 6, 10, 15, 45m  
**DIAMETER:** 102, 133, 152mm  
**COLOUR:** White



**PRODUCT:** Rectangular PVC flexible hose  
**LENGTH:** 3m  
**SIZE:** 110x54mm, 204x60mm, 220x90mm  
**COLOUR:** White

#### Fitting Instructions

- Mounted air ducts must be stretched to avoid pressure loss
- Hoses must not be sagged
- Keep bend radius as large as possible
- Cut duct along spiral turn with knife and cut wire with pliers. For insulated hose cut outer sleeve with scissor
- Fix hose to grille, fan or pipe with jubilee clip
- Flexible hoses are not suitable for ground floor.
- Avoid contact with areas of excessive heat.
- Use steel or plastic connectors to joint hoses

