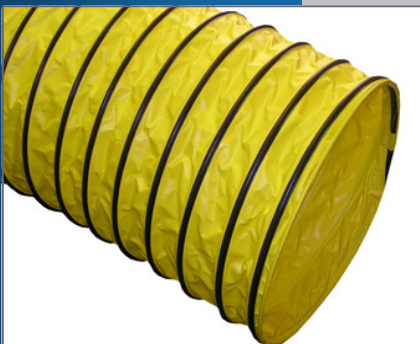
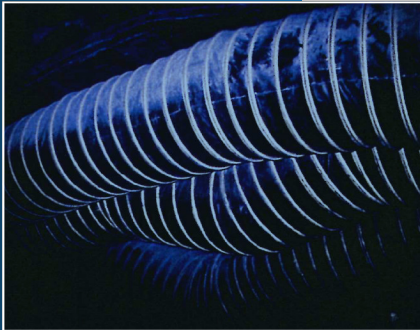


PVC VENTILATION DUCTING

SPIRODUX flexible ducting is manufactured for forced and exhaust auxiliary ventilation.

Flexible ducting is used for ventilation of:

- Shafts
- Any flat development end
- Raises or inclines
- Longwall and shortwall faces
- Hoist Chambers
- Tunnel Boring
- ... And many other situations.



F-Type Ducting is for forced ventilation only. Commonly used in large tunnelling works. Diameters range from 300mm to 3000mm. Lengths are optional.

Advantages are:

- Folds flat for delivery and requires minimum storage space
- Light and easily handled and transported
- Quick and easy to install. Good suspension
- Extremely air-tight. Low air-flow resistance.

S-Type Ducting can be used for both forced and exhaust ventilation. Supported externally by a continuous plastic-encapsulated steel helix. This provides good flexibility as well as protection against wear.

Features include all the advantages of F-Type Ducting (mentioned above) and:

- Optional lengths
- Plus extra resistance to the effect of negative pressure
- Flexibility around corners

SPECIFICATIONS

Quality—HL (Standard quality for normal pressure)

Operating Pressures -

F-Type Ducting— The recommended maximum operating pressure for F-Type Ducting, allowing a safety margin of 2, is as follows:

Quality	600mm	800mm	1200mm	1400mm
HL	9,50kPa	7,41kPa	4,94kPa	4,18kPa

S-Type Ducting—For S-Type Ducting and for negative pressure, the recommended maximum operating pressure should be only half of that shown above.

This recommendation is based on a standard pitch of 15cm. In order to achieve optimum operating conditions under negative pressure, the pitch of the spiral reinforcement can be decreased.

k-Factor

For F-Type ducting the k-factor comes as low as 0,003. For S-Type ducting, depending on the way the column is installed, it can reach 0,007.

Safety

Anti-Static The maximum resistance should never exceed 3×10^8 ohm.

Flame Retardency The material should under no circumstances support or assist flamespread.

In addition, minimum requirements regarding cloth weight and weave, coating and overall weight, tensile strength and tear strength, as well as porosity, are fully guaranteed in accordance with German DIN specifications.

