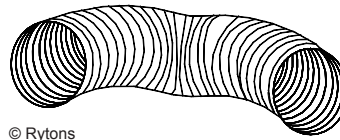


Technical Data Sheet

Rytons Fire Resistant RytHose

www.vents.co.uk (search code: FAD)

March 2010

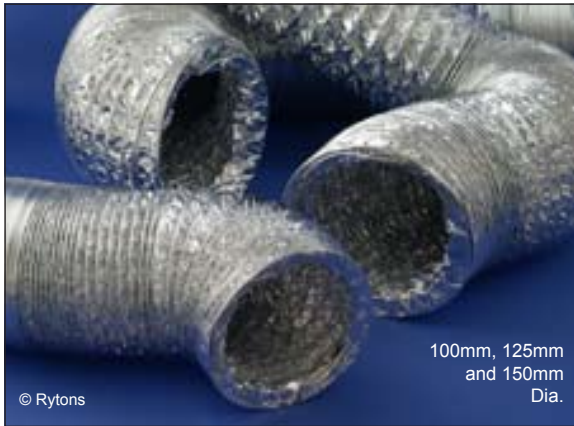


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Fire retardant

Photo Library



100mm, 125mm
and 150mm
Dia.

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Extra Features and Benefits

Composition provides a tough, puncture resistant, highly flexible and 'sag free' ducting.

Encapsulation of the wire helix between the inner and outer duct wall provides a smooth inner wall which results in friction loss characteristics and reduced levels of noise generation.

UK Regulations, Standards and Guidelines

Approved to BS476 Part 6 - Fire Propagation: The materials used in the construction of the duct be non-combustible or should have an index of performance not exceeding 12, or which not more than 6 should derive from the initial period of test.

Approved to BS476 Part 7 - Surface Spread of Flame.

Approved to BS476 Part 20 - Fire Resistance: A resistance to the penetration of fire of at least 15 minutes is required.

Approved to M1 fire standard.

Main Uses, Features and Benefits

- Flexible and robust aluminium ducting suitable for use with mechanical ventilation and air conditioning systems.
- Approved fire resistance of at least 15 minutes to BS476 Part 20.
- In case of fire no poisonous gases are released.
- Lightweight and easily fitted to round connectors.

U80 Air Ductwork and Ancillaries

Specification Clause 340

U90 General Ventilation – Domestic

Specification Clause 420

| Product Specification Code | Size |
|----------------------------|--------------------|
| Rytons FAD410M | 100mm Dia. x 10m L |
| Rytons FAD510M | 125mm Dia. x 10m L |
| Rytons FAD610M | 150mm Dia. x 10m L |

Composition

Five layer laminate of aluminium/polyester film supported by an encapsulated high tensile steel wire helix.

Bending Radius

0.54 x D.

Static Working Temperature

From -30°C to 140°C.

Maximum Air Velocity

30m/sec.

Maximum Working Pressure

2500Pa.

Installation

Fully extend ducting and cut to length using a sharp knife and pliers. Seal joints on medium and high pressure applications.

Specification Paragraph

Manufacturer: Rytons Building Products Ltd

T: 01536 511874, F: 01536 310455, E: admin@rytons.com

Visit our website at www.vents.co.uk

Product ref:

- Rytons Fire Resistant RytHose 100mm Dia. x 10m Long (ref FAD410M)
- Rytons Fire Resistant RytHose 125mm Dia. x 10m Long (ref FAD510M)
- Rytons Fire Resistant RytHose 150mm Dia. x 10m Long (ref FAD610M)



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