

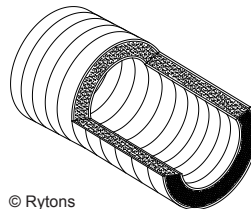
## Technical Data Sheet

### Rytons Thermal RytHose

[www.vents.co.uk](http://www.vents.co.uk) (search code: FDThER)

March 2010

Now Available with  
25mm and 50mm  
Thick Insulation



© Rytons



Fire retardant

#### Photo Library



#### Main Uses, Features and Benefits

- Fully flexible insulated aluminium ducting.
- Choice of 25mm and 50mm thick insulation in all sizes.
- For use in installations where condensation is a concern i.e. if ducting runs through a cold roof space.
- Approved fire resistance of 30 minutes integrity and 17 minutes insulation to BS476 Part 20.
- Easily fitted to round connectors.

#### U80 Air Ductwork and Ancillaries

Specification Clause 340

ns5Plus

#### U90 General Ventilation – Domestic

Specification Clause 420

Product Specification Code	Size
Rytons FDThER410 (25mm Insulation)	100mm Int. Dia. x 10m L
Rytons FDThER510 (25mm Insulation)	125mm Int. Dia. x 10m L
Rytons FDThER610 (25mm Insulation)	150mm Int. Dia. x 10m L
Rytons FDThER50410 (50mm Insulation)	100mm Int. Dia. x 10m L
Rytons FDThER50510 (50mm Insulation)	125mm Int. Dia. x 10m L
Rytons FDThER50610 (50mm Insulation)	150mm Int. Dia. x 10m L

#### Composition

Outer duct: Laminate of aluminium foil/polyester film.

Inner duct: Laminate of aluminium foil/polyester film supported by an encapsulated high tensile steel wire coil.

Aluminium foil: 6.5 microns approx.

Polyester: 15 microns approx.

Fibreglass insulation 25mm thick: density 16 kg/m<sup>3</sup>.

Fibreglass insulation 50mm thick: (2 x 25mm) density 16 kg/m<sup>3</sup>.

Wire: 0.8mm dia. on 100mm int. dia. ducting.

0.8mm dia. on 125mm int. dia. ducting.

0.9mm dia. on 150mm int. dia. ducting.



## Technical Data Sheet

### Rytons Thermal RytHose

[www.vents.co.uk](http://www.vents.co.uk) (search code: FDThER)

March 2010

#### Static Working Temperature

From -30°C to 140°C.

#### Maximum Air Velocity

30m/sec.

#### Maximum Working Pressure

2000Pa.

#### 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](http://www.vents.co.uk)

Product ref:

- Rytons 25mm Thermal RytHose 100mm Dia. x 10m Long (ref FDThER410)
- Rytons 25mm Thermal RytHose 125mm Dia. x 10m Long (ref FDThER510)
- Rytons 25mm Thermal RytHose 150mm Dia. x 10m Long (ref FDThER610)
- Rytons 50mm Thermal RytHose 100mm Dia. x 10m Long (ref FDThER50410)
- Rytons 50mm Thermal RytHose 125mm Dia. x 10m Long (ref FDThER50510)
- Rytons 50mm Thermal RytHose 150mm Dia. x 10m Long (ref FDThER50610)

#### Installation

Fully extend ducting and cut to length using a sharp knife and pliers. Duct tape required to ensure joints are well sealed.

#### UK Regulations, Standards and Guidelines

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

Results: 30 minutes integrity. 17 minutes insulation.



Please recycle printouts where facilities exist.

