

INTERLOCK

**7 YEAR
GUARANTEE**



**THE SUPERIOR, FIRE RATED
FLEXIBLE AIR DUCT
FIRE TESTED TO AS 4254 -1995**

INTERLOCK FIRE RATED DUCTING NOW COMPLIES WITH THE CURRENT AS 4254 - 1995 FIRE STANDARD.

The Heating, Ventilation and Air Conditioning (HVAC) professionals have, for many years, relied on duct construction standards that do not adequately reflect Australian conditions. Now, AS 4254-1995, *Ductwork for air-handling systems in buildings*, provides the HVAC industry with a voluntary code written for Australian Industry.

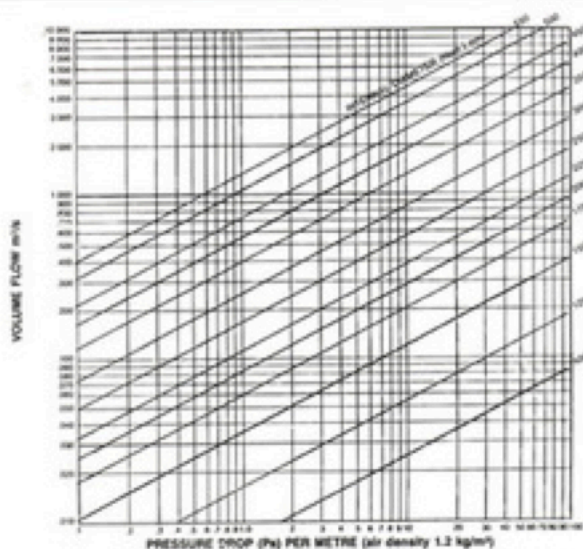
Thermal Conductance & Resistance

At mean temperature 20°C (metric values) and 75°F (imperial values).

Nominal thickness	mm	25	38	50
	in	1	1 1/2	2

Flexible Duct Insulation

Thermal conductance, C	W/m ² K	1.329	0.886	0.664
	deg F	0.234	0.156	0.117
Thermal resistance, R	W/m ² K/W	0.752	1.129	1.506
	ft ² h deg F/Btu	4.27	6.41	8.55



Flexible, Compressible & Durable Ducting

Interlock flexible ducting is a robust, durable lightweight air duct, and systems the need for low-cost ducting systems for the commercial and domestic airconditioning industry. Being a truly flexible air duct, Interlock is compressible in its length. This allows it to be compression packed, minimising storage and transport costs and greatly assisting in preventing loss of product through damage whilst in transit or in on-site handling. Each length of Interlock is individually packed for your convenience.

Low Flow-resistance

Interlock, whilst being ultra flexible, maintains its full diameter through the tightest of bends, allowing ease of installation in the most awkward of situations. When correctly installed (i.e. correct length is used to avoid corrugations in its length) resistance to air flow is minimised.

A Full Range of Sizes

Interlock Flexible ducting is available in a range of sizes from 150mm through to 500mm (in 50mm increments). The use of 25mm (nominal thickness) fibreglass or polyester thermal blanket to insulate Interlock, produces the high performance figures indicated in the graph.

Test Report

Test Number: 7-462315-
Date: 14.06.96
Order Number: 30130

Sample Description: Clients Ref: FRFT
Foil ducting with white plastic helical coil

UL 181.9-1994 Burning Test - Air Duct

External	Vertical	45deg	Horizontal
1st After flame time	0.0	0.0	43.7 s
1st after glow time	0.0	0.0	0.0 s
2nd after flame time	27.4	0.0	0.0 s
2nd after glow time	0.0	0.0	0.0 s
Did flaming or glowing travel?			
Full Length of specimen?	no	no	no
Did flaming flaming droplets ignite cotton?	n/a	no	no
Internal	Vertical	45deg	Horizontal
1st After flame time	0.0	0.0	0.0 s
1st after glow time	0.0	0.0	0.0 s
2nd after flame time	0.0	0.0	0.0 s
2nd after glow time	0.0	0.0	0.0 s
Did flaming or glowing travel?			
Full Length of specimen?	no	no	no

Duration of flaming or glowing of any sample after withdrawal of the test flame is not to exceed 60 seconds. flaming or glowing is not to travel full length of the sample and flaming particles dropped from the exterior surface of the sample during the vertical and 45 degree exterior exposure s are not to ignite the surgical cotton

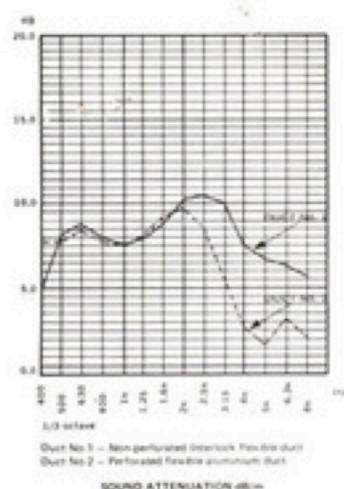
Sample complies to requirements of as 4254.28.2-1995.

Friction Loss

Interlock friction loss is minimised by installing in fully extended straight runs.

Interlock may be bent through 180° gently radius by changes of direction should be gradual, to minimise resistance air flow.

Performance figures shown in the graph are totally dependent on insulation thickness. Any marginal reduction to blanket thickness will result in drastic reductions in performance.



For your nearest supplier contact

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