

TDS



INCOAIR
BUILDING THE FUTURE OF AIR

flo DUCT

Product Name	: Insulated Flexible Duct
Model	: FDI1
Product Brand	: Floduct
Manufacturer	: Incotec Industries
Origin	: Vietnam
Composition	: Double laminated polyester foil, bonded to a steel wire helix reinforced with a fiberglass blanket and metalized polyester film
Use for	: HVAC air transport
Dimensions	: Length 25ft (7.62 m)
HS Code	: 391739

Physical Characteristics

Face or Side	Material	Characteristic
Outer side of duct	Polyester film	Double laminated
Core	Fiberglass blanket	1 inch thick
Inner side of duct	Polyester foil	Metalized

Technical Specifications

Density of fiberglass	16 Kg/m3	Standard Test Method
Thermal Conductivity	0.032 W/mk	ASTM C518
Diameters	From 4 to 20 inches	-
Maximum Air Velocity	5,000 fpm (25 m/s)	SMACNA
R Value	4.2	ASTM C518
Positive Pressure	10 in. w.g. (2,500 Pa)	SMACNA
Negative Pressure	0.5 in. w.g (125 Pa)	SMACNA
Fungi Activity	Resistant	ASTM G21

Standard Compliance related to Fire Reaction

NFPA 90A and 90B	Class A	ASTM E 84
UK Building Regulations	Class 0	BS 476 part 6 and part 7

* Weight of panels: 2.22 Kg (2.90m long panel) and 2.95 Kg (4.00m long panel)

Panels per pack: 10

Warranty	: 10 years from the manufacturing date printed on the panel.
Storage	: Avoid humid and dusty environments. Do not expose to direct sunlight.
Tech Support Contact Center	: info@incoairltd.com
Final disposal	: According to local and/or municipal regulations and/or regulations.

DISCLAIMER

Incoair Industries Ltd. are not responsible for any damages or improper use arising from the application of this product. The user is responsible for verifying its suitability for each specific case. We reserve the right to modify the information contained in this TDS without prior notice.