



<b>Product Name</b>	: Pre-insulated ducting panels
<b>Model</b>	: FD102
<b>Product Brand</b>	: 1st Duct
<b>Manufacturer</b>	: PT. Air Duct Panelindo Division
<b>Origin</b>	: Indonesia
<b>Composition</b>	: Closed-cell PIR (polyisocyanurate) foam core with pure aluminium foil on both sides
<b>Use for</b>	: HVAC ductwork fabrication
<b>Dimensions</b>	: 30mm thick, 1.20m wide and 2.90m or 4.00m long
<b>HS Code</b>	: 392113

## Physical Characteristics

Face or Side	Material	Characteristic
Outer side of duct	Pure aluminum - embossed	200 microns thick
Core	PIR - polyisocyanurate	Closed cell
Inner side of duct	Pure aluminum - smooth	80 microns thick

## Technical Specifications

Density	50 Kg/m3 (+/- 3)*	Standard Test Method
Thermal Conductivity	0.021 W/mk	ASTM C518
Water Absorption	0.00 perm/inch	ASTM C209
Rigidity	R5	EN 13403
Tightness	Clase C	EN 13403
Positive Pressure	1,000 Pa	EN 13403
Negative Pressure	750 Pa	EN 13043
Fungi Activity	Resistant	EN 13403

## Standard Compliance related to Fire Reaction

NFPA 90A and 90B	Class A	ASTM E 84
Euroclass	BS2D0	EN 13501-1

\* Weight of panels: 5.22 Kg (2.90m long panel) and 7.20 Kg (4.00m long panel)

Panels per pack: 5

<b>Warranty</b>	: 10 years from the manufacturing date printed on the panel.
<b>Storage</b>	: Avoid humid and dusty environments. Do not expose to direct sunlight. Stack up to 475 panels. Do not place heavy objects on top of the panels.
<b>Tech Support Contact Center</b>	: info@incoairltd.com
<b>Final disposal</b>	: According to local and/or municipal regulations and/or regulations.

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