

# TDS



**INCOAIR**  
BUILDING THE FUTURE OF AIR

**POLIISO<sup>®</sup>AIR**  
PRE-INSULATED AIR DUCTS

Product Name	: Pre-insulated ducting panels
Model	: GG080
Product Brand	: Poliiso Air
Manufacturer	: Ediltec Insulation SpA
Origin	: Italy
Composition	: Closed-cell PIR (polyisocyanurate) foam core with pure aluminium foil on both sides
Use for	: HVAC ductwork fabrication
Dimensions	: 20.5mm thick, 1.20m wide and 3.00m or 4.00m long
HS Code	: 392113

## Physical Characteristics

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

## Technical Specifications

Density	30 Kg/m <sup>3</sup> (+/- 3)*	Standard Test Method
Thermal Conductivity	0.021 W/mk	ASTM C518
Water Absorption	0.00 perm/inch	ASTM C209
Rigidity	R4	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: 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. Stack up to 475 panels. Do not place heavy objects on top of the panels.
Tech Support Contact Center	: <a href="mailto:info@incoairltd.com">info@incoairltd.com</a>
Final disposal	: According to local and/or municipal regulations and/or regulations.

## DISCLAIMER

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