



## DECI-THERM 3D Flexible Duct Insulation

### 3-Dimensional R1.5 Thermal Insulation

At last -- a product that breaks the mould when it comes to R1.5 rated flexible duct insulation!

DECI-THERM 3D is a vertically aligned, thermally bonded polyester blanket designed for optimum THERMAL performance at maximum operating temperatures.

DECI-THERM 3D unique fibre blend and fibre orientation ensures high thermal resistance at low weight.

The fibre construction of DECI-THERM 3D results in unique mechanical properties at nominal thickness in every application.

DECI-THERM 3D exhibits low fire hazard properties and is completely safe and non-toxic to use.

#### FEATURES

- R1.5 thermal rating at 45mm thickness
- Completely safe, non-toxic
- Low fire hazard properties – tested to AS1530.3 returns 8,0,1,4
- Retains thickness in difficult applications
- Rapidly recovers thickness after compression
- More consistent coverage compared to other materials

#### BENEFITS

- Easy to handle
- Retardant to mechanical distortions
- Protective clothing not required

#### APPLICATIONS

- Flexible duct liner, OEM manufacturers

#### STANDARD PRODUCT CODES

STANDARD PRODUCT	THICKNESS	WIDTH	ROLL LENGTH	R-Value
DECI-THERM 3D Duct Insulation	45-50mm	As required up to 2000mm	As required	1.5 m <sup>2</sup> .K/W

DECI-Tex 3D is manufactured to a nominal thickness only. Typical thickness variations are ± 2mm.

#### FLAMMABILITY PROPERTIES

MATERIAL	FMVSS-302	AS 1530.3			
		Ignitability	Spread of Flame	Heat Evolved	Smoke Developed
DECI-Tex 3D Duct Insulation	Self Extinguishing 0 Burn rate	8	0	1	4

#### MISCELLANEOUS PROPERTIES

MATERIAL	REC. MAX. SERVICE TEMP.	CHEMICAL RESISTANCE	THERMAL Conductivity	MOISTURE ABSORPTION
DECI-Tex 3D Duct Insulation	110C Continuous	Excellent	0.036W/mK	<0.03% by vol. at 50C, 90% RH (for 4 days or more).

#### TOXICOLOGY/HEALTH AND SAFETY

DECI-Tex 3D is completely non-toxic and safe to handle without protective clothing or respiration apparatus.

NOTES: Specifications are subject to change without notice. The data listed in this data sheet are typical or average values based on tests conducted by independent laboratories or by the manufacturer. They are indicative only of the results obtained in such tests and should not be considered as guaranteed maximums or minimums. Materials must be tested under actual service to determine their suitability for a particular purpose

	<p><b>Commercial In Confidence</b></p>	<p><b>I.N.C. Corporation Pty. Ltd.</b>                  ABN 74 005 302 250                  63-79 South Park Drive,                  Dandenong South, VIC 3175, Australia                  Tel: +61 3 8710 7400                  Fax: +61 3 8710 7499                  Web: <a href="http://www.inccorp.com.au">www.inccorp.com.au</a></p>	<p><b>TS-16949 CERTIFIED</b>                  ISO/TS16949:2002(E)                  Cert. No. IATF20007                  SAI-Global, Australia</p>
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