

Deks Isopipe

Complete Insulation Systems

The closed cell synthetic rubber solution for high temperatures. Environmentally friendly and tested to Australian standards.



- Conserves more than 80% of energy
- In-built anti-fungal agent resists mould growth
- Full range available including straight lengths, black or white polymer coated UV coils & split & stick systems
- European manufactured & formulated without CFC's, HFC's or HCFC's.



DEKS ISOPIPE LENGTHS

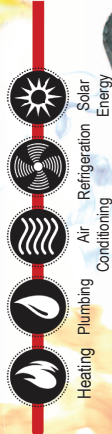
Straight 2m lengths for internal applications
The closed cell elastomeric insulation conserves energy, prevents mould growth and resists condensation.



DEKS ISOPIPE UV COILS
Coiled & boxed lengths for external applications
The specially developed polymer skin offers enhanced UV protection, whilst acting as a vapour barrier and minimising abrasive wear.



Suitable for:



Split & Stick system also available



Proper Fit

Deks IsoPIPE provides a snug fitting around the pipe. This is especially important in applications like air conditioning, refrigeration or cooling, as this prevents condensation on the surface of the pipe.



Flexibility

Deks IsoPIPE has exceptional flexibility and elasticity. This allows for easy and fast application and effective insulation with excellent tear resistance.



Density

Deks IsoPIPE is produced with a density of 50-65 kg/m³.



Operating Temperatures

Short temperatures spikes (above 105°) will not result in failure. (-40°C + 105°C)

Thermal conductivity
As air (closed cells) & elastomeric material are poor conductors of heat, Deks IsoPIPE significantly reduces the transfer of heat.

Permeability

Deks IsoPIPE's inherent structure & material offers a very high resistance to water vapour transmission. This ensures the long term performance & effectiveness of the insulation. ($\mu > 7000$)

Fire rating

Deks IsoPIPE is fire resistant. It will not drip flaming particles nor will it spread flames.

Fire Rated
-Tested to AS1530.3
-No Flame Spread
-Non-Drip
-Low Smoke

Deks IsoPIPE Lengths

9mm Wall	
Deks Code	I.D. Lengths/ Carton
DIS09-006	6mm 135
DIS09-010	10mm 95
DIS09-012	12mm 90
DIS09-015	15mm 70
DIS09-020	20mm 55
DIS09-022	22mm 50
DIS09-025	25mm 40
DIS09-028	28mm 40
DIS09-032	32mm 35
DIS09-067	67mm 16

13mm Wall	
Deks Code	I.D. Lengths/ Carton
DIS13-012	12mm 60
DIS13-015	15mm 50
DIS13-020	20mm 40
DIS13-022	22mm 35
DIS13-025	25mm 30
DIS13-028	28mm 30
DIS13-032	32mm 22
DIS13-040	40mm 18
DIS13-042	42mm 18
DIS13-050	50mm 12
DIS13-060	60mm 12

19mm Wall	
Deks Code	I.D. Lengths/ Carton
DIS19-012	12mm 35
DIS19-015	15mm 25
DIS19-020	20mm 23
DIS19-022	22mm 22
DIS19-025	25mm 20
DIS19-028	28mm 20
DIS19-032	32mm 15
DIS19-054	54mm 10
DIS19-080	80mm 6
DIS19-101	101mm 4

25mm Wall	
Deks Code	I.D. Lengths/ Carton
DIS25-010	10mm 20
DIS25-012	12mm 20
DIS25-015	15mm 20
DIS25-020	20mm 18
DIS25-022	22mm 15
DIS25-025	25mm 13
DIS25-028	28mm 13
DIS25-032	32mm 12
DIS25-035	35mm 12
DIS25-054	54mm 8
DIS25-067	67mm 6
DIS25-076	76mm 5
DIS25-080	80mm 4
DIS25-101	101mm 4
DIS25-114	114mm 4



UV - 15mm Wall		
Deks Code	I.D.	Metres/ Carton
DIS15-12UV-25	12mm	25
DIS15-20UV-22	20mm	22

Supplied in straight 2 metre lengths

Box quantities as shown

Technical Information

Applications



Pipes

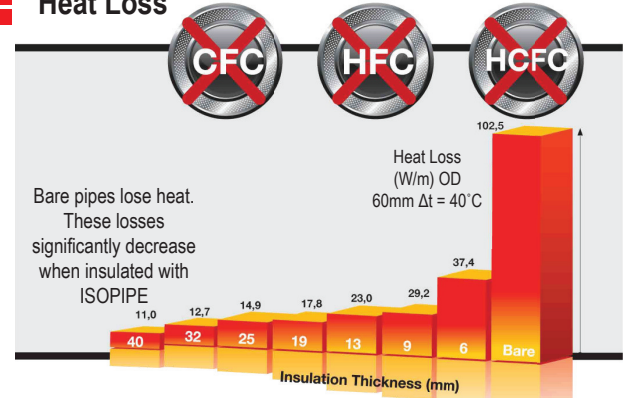
DEKS ISOPIPE is supplied in 2 metre lengths to suit any pipe size.
Available in wall thicknesses of: 9, 13, 19 & 25mm and to suit pipe diameters from 6mm to 114mm.
Ask for: Deks Isopipe



Coils

DEKS ISOPIPE UV is coated in a protective membrane and is supplied in boxed coils for ease of use.
Practical to installers and technicians - No Scraps; cut only the necessary length and store the rest.
Fewer joins and less labour.
Ask for: Deks Isopipe UV

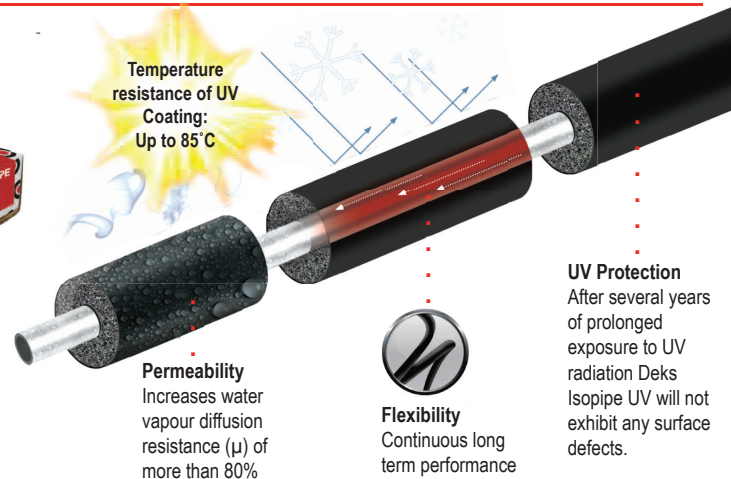
Heat Loss



Isopipe is manufactured without CFC's, HFC's or HCFC's in accordance with green building requirements.

Benefits of Deks Isopipe UV

- UV protection
- Wipe clean - does not collect dirt & grime
- Oil and grease resistant
- No need to tape, paint or cover
- Increased resistance to abrasion
- Long lengths = less joins, less time and less scrap



Deks Isopipe Specifications

Fire Performance AS/NZS 1530.3		Temperature Range	
Ignition Time	0	Max. Surface Temperature	+105°C
Flame Spread	0	Min. Surface Temperature	-40°C
Heat Release	0	Temperature Conductivity (λ) k-value (EN 12667)	
Smoke developed	5	0 °C	0.035 W/(m.K)
Reaction to:		15 °C	0.037 W/(m.K)
Fire	Self-extinguishing, does not drip	23 °C	0.040 W/(m.K)
Noise Reduction (DIN 4109)	Up to 30 dB	R-values	
Resistance to:		10mm I.D., 25/32mm Wall	1.5 / 2.0
Building Materials	Very Good	50mm I.D., 25/32mm Wall	1.0 / 1.3
Chemicals	Consult Product test list	101mm I.D., 25/32mm Wall	0.9 / 1.1
Environmental Aspects		Other	
ODP (Ozone Depleting Materials)	0	In-built water barrier	closed cell structure prevents water transfer
GWP (Global Warming Potential)	0	Non-wicking material	Yes
Health Aspects		Mold & Fungus Resistance	Contains anti-fungal agent to inhibit mould growth
VOC Level (Insulation)	Low		
VOC Level (Split & Stick systems)	Low		
Dust and fibre free	Yes		

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