



## Deks Isopipe

### Complete Insulation Systems

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



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



## DEKS ISOPIPE LENGTHS

Straight 6.5 foot lengths for internal applications  
The closed cell elastomeric insulation conserves energy, prevents mold growth and resists condensation.



### Operating Temperatures

Short temperature spikes (above 221°F) will not result in failure. (-40°F + 221°F)



### Density

Deks Isopipe is produced with a density of 132-165 lb/m<sup>3</sup>.



### Flexibility

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



### 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.

## Deks Isopipe Lengths

½ inch Wall			Lengths/ Carton
Pipe Size (Inches)		Deks Code	
Copper	Steel		
¼	⅜	DIS13-012	60
½	¼	DIS13-015	50
¾	½	DIS13-020	40
1	¾	DIS13-025	30
1 ¼	1	DIS13-032	22
1 ½	1 ¼	DIS13-040	18
2	1 ½	DIS13-050	12

¾ inch Wall			Lengths/ Carton
Pipe Size (Inches)		Deks Code	
Copper	Steel		
¼	⅜	DIS 19-012	35
½	¼	DIS 19-015	25
¾	½	DIS 19-020	23
1	¾	DIS 19-025	20
1 ¼	1	DIS 19-032	15
1 ½	1 ¼	DIS 19-040	10
2	1 ½	DIS 19-054	10
3	2 ½	DIS 19-080	6
4	3	DIS 19-101	4

**— Supplied in straight 6.5 foot lengths**  
Box quantities as shown



## DEKS ISOPIPE UV COILS

Coiled & boxed lengths for external applications

The especially developed polymer skin offers enhanced UV protection, while acting as a vapor barrier and minimizing abrasive wear.

Suitable for:



### Fire Rated

- Tested to ASTM 84
- No Flame Spread
- Non-Drip
- Low Smoke

### Fire rating

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

### Permeability

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

### Thermal conductivity

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



## Technical Information

### Applications

DEKS ISOPIPE is supplied in 6.5 feet lengths to suit any pipe size.

Available in wall thicknesses of: 3/8, 1/2, 3/4 and 1 inch and to suit pipe diameters from 1/4 to 4 1/2 inch.

Ask for: Deks Isopipe

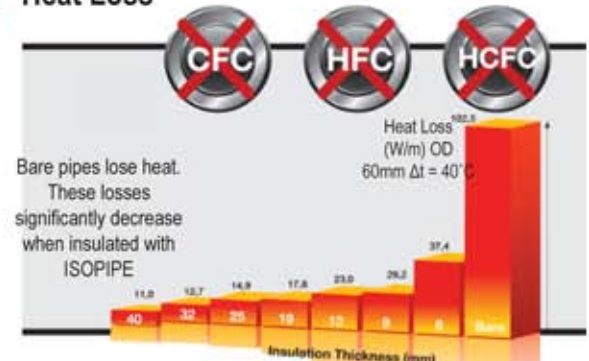
DEKS ISOPIPE UV is coated in a protective membrane and is supplied in boxed coils for ease of use.

Practical to installers and technicians - No Scraps; cut only the necessary length and store the rest.

Fewer joins and less labor.

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

<b>Fire Performance</b> AS/NZS 1530.3		<b>Temperature Range</b>	
Ignition Time	0	Max. Surface Temperature	+221°F
Flame Spread	0	Min. Surface Temperature	-40°F
Heat Release	0	<b>Temperature Conductivity</b>	
Smoke developed	5	(λ) k-value (EN 12667)	
<b>Reaction to:</b>		0 °C	0.035 W/(m.K)
Fire	Self-extinguishing, does not drip	15 °C	0.037 W/(m.K)
Noise Reduction (DIN 4109)	Up to 30 dB	23 °C	0.040 W/(m.K)
<b>Resistance to:</b>		<b>R-values</b>	
Building Materials	Very Good	10mm I.D., 25/32mm Wall	1.5 / 2.0
Chemicals	Consult Product test list	50mm I.D., 25/32mm Wall	1.0 / 1.3
<b>Environmental Aspects</b>		101mm I.D., 25/32mm Wall	0.9 / 1.1
ODP (Ozone Depleting Materials)	0	<b>Other</b>	
GWP (Global Warming Potential)	0	In-built water barrier	closed cell structure prevents water transfer
<b>Health Aspects</b>		Non-wicking material	Yes
VOC Level (Insulation)	Low	Mold & Fungus Resistance	Contains anti-fungal agent to inhibit mold growth.
VOC Level (Split & Stick systems)	Low		
Dust and fibre free	Yes		

