

DEKS

Easy to Work With

European
Manufactured



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.

www.deks.com.au



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 especially developed polymer skin offers enhanced UV protection, whilst acting as a vapour barrier and minimising abrasive wear.

Suitable for:



Proper Fit

Deks Isopipe provides a snug fitting around the pipe. This is specially 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 temperature 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

Deks Isopipe UV

| 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 |
| DIS09-042 | 42mm | 30 |
| DIS09-067 | 67mm | 16 |

| 13mm Wall | | |
|-----------|------|-----------------|
| Deks Code | I.D. | Lengths/ Carton |
| DIS13-010 | 10mm | 65 |
| 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 |
| DIS19-006 | 6mm | 42 |
| DIS19-010 | 10mm | 35 |
| DIS19-012 | 12mm | 35 |
| DIS19-015 | 15mm | 25 |
| DIS19-018 | 18mm | 25 |
| DIS19-020 | 20mm | 23 |
| DIS19-022 | 22mm | 22 |
| DIS19-025 | 25mm | 20 |
| DIS19-028 | 28mm | 20 |
| DIS19-032 | 32mm | 15 |
| DIS19-035 | 35mm | 15 |
| DIS19-042 | 42mm | 14 |
| DIS19-054 | 54mm | 10 |
| DIS19-067 | 67mm | 7 |
| DIS19-080 | 80mm | 6 |
| DIS19-101 | 101mm | 4 |

| 25mm Wall | | |
|-----------|-------|-----------------|
| Deks Code | I.D. | Lengths/ Carton |
| 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 |
| DIS25-042 | 42mm | 11 |
| DIS25-054 | 54mm | 8 |
| DIS25-067 | 67mm | 6 |
| DIS25-076 | 76mm | 5 |
| DIS25-080 | 80mm | 4 |
| DIS25-101 | 101mm | 4 |
| DIS25-114 | 114mm | 4 |

| 15mm Wall - Lengths | | |
|---------------------|------|-----------------|
| Deks Code | I.D. | Lengths/ Carton |
| DIS15-12UV | 12mm | 35 |
| DIS15-20UV | 20mm | 25 |

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

| Deks Isopipe Split & Stick | | |
|----------------------------|------|-----------------|
| 13mm Wall - Lengths | | |
| Deks Code | I.D. | Lengths/ Carton |
| DIS13-015SPLIT | 15mm | 50 |
| DIS13-020SPLIT | 20mm | 40 |
| DIS13-025SPLIT | 25mm | 30 |

Accessories

Deks Iso Glue



| Deks Code | Size | Carton Qty |
|-------------|---------|------------|
| DIGLU-250C | 250ml | 24 |
| DIGLU-500C | 500ml | 24 |
| DIGLU-1000C | 1 litre | 12 |
| DIGLU-5000C | 5 litre | 4 |

Can be used to retrofit and also to join continuous lengths.

Deks Iso Tape



| Deks Code | Size | Carton Qty |
|-------------|------------|------------|
| DISTAPE1050 | 10m x 50mm | 24 |
| DISTAPE1550 | 15m x 50mm | 24 |

Technical Information

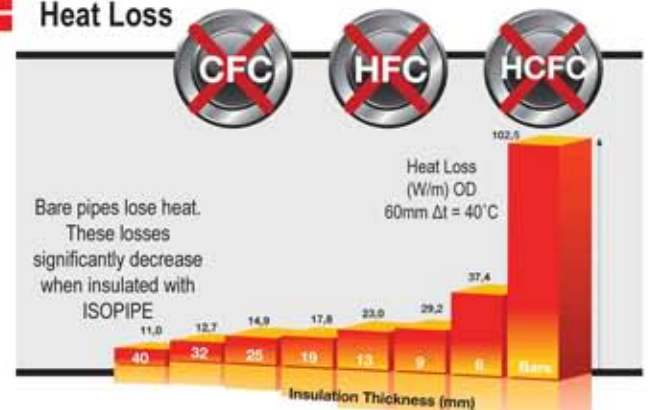
Benefits of Deks Isopipe UV

- 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
- UV Product Temperature rated to 150°C
- Weather resistant
- Waterproof

Available in 25mm, 22mm and 2m lengths



Heat Loss



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

Deks Isopipe Specifications

| | |
|---------------------------------------|-----------------------------------|
| Fire Performance AS/NZS 1530.3 | |
| Ignition Time | 0 |
| Flame Spread | 0 |
| Heat Release | 0 |
| Smoke developed | 5 |
| Reaction to: | |
| Fire | Self-extinguishing, does not drip |
| Noise Reduction (DIN 4109) | Up to 30 dB |
| Resistance to: | |
| Building Materials | Very Good |
| Chemicals | Consult Product test list |
| Environmental Aspects | |
| ODP (Ozone Depleting Materials) | 0 |
| GWP (Global Warming Potential) | 0 |
| Health Aspects | |
| VOC Level (Insulation) | Low |
| VOC Level (Split & Stick systems) | Low |
| Dust and fibre free | Yes |

| | |
|--|--|
| Temperature Range | |
| Max. Surface Temperature | +105°C |
| Min. Surface Temperature | -40°C |
| Temperature Conductivity (λ) k-value (EN 12667) | |
| 0 °C | 0.035 W/(m.K) |
| 15 °C | 0.037 W/(m.K) |
| 23 °C | 0.040 W/(m.K) |
| R-values | |
| 10mm I.D., 25/32mm Wall | 1.5 / 2.0 |
| 50mm I.D., 25/32mm Wall | 1.0 / 1.3 |
| 101mm I.D., 25/32mm Wall | 0.9 / 1.1 |
| Other | |
| In-built water barrier | closed cell structure prevents water transfer |
| Non-wicking material | Yes |
| Mold & Fungus Resistance | Contains anti-fungal agent to inhibit mould growth |

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