KEMBLA

PairCoilMAX™

PREMIUM
PRE-INSULATED
ANNEALED
COPPER PAIRCOIL

USAGE

- Fire rating
- Thermal insulation
- Split system air conditioners
- All sizes suitable for R410A refrigerant
- Condensation prevention

FIRE RETARDANT PAIRCOIL

A fast and easy solution that meets Australian building code requirements.

- Backed by MM Kembla's reputation for quality, service and customer care for 100 years.
- Meets Building Code of Australia fire safety regulations.
- Nitrile rubber foam is "Green Building" compliant.
- Available in 13mm and 19mm profile specifically designed to prevent condensation in high humidity areas.
- Easy installation. No glue, tape or messy powder.
- 18-20m rolls of pre-insulated copper paircoils allows you to install your pipework in less than half the time of conventional methods.
- Profile developed for easy splitting during insulation.

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PairCoilMAX™

PHYSICAL DIMENSIONS

Kembla product code	Copper tube outside diameter x wall thickness (mm)	Copper tube outside diameter (inches)	R-Values	Paircoil length (m)	Total pack weight (kg)	Carton dimensions (cm)	Cartons per pallet
13mm							
G99615	6.35 x 0.81 - 9.52 x 0.81	1/4 - 3/8	0.7	20	11.36	73 x 18 x 75	8
G99625	6.35 x 0.81 - 12.70 x 0.81	1/4 - 1/2	0.6	20	13.00	73 x 18 x 75	8
G99635	6.35 x 0.81 - 15.88 x 1.02	1/4 - 5/8	0.6	20	16.58	77 x 23 x 79	6
G99655	9.52 x 0.81 - 15.88 x 1.02	3/8 - 5/8	0.6	20	18.22	77 x 23 x 79	6
19mm							
G99715	6.35 x 0.81 - 9.52 x 0.81	1/4 - 3/8	1.1	18	12.90	86 x 23 x 88	6
G99725	6.35 x 0.81 - 12.72 x 0.81	1/4 - 1/2	1.0	18	14.38	86 x 23 x 88	6
G99735	6.35 x 0.81 - 15.88 x 1.02	1/4 - 5/8	1.0	18	18.05	101 x 23 x 103	5
G99755	9.52 x 0.81 - 15.88 x 1.02	3/8 - 5/8	1.0	18	19.52	101 x 23 x 103	5
G99765	9.52 x 0.81 - 19.05 x 1.14	3/8 - 3/4	0.9	18	23.09	101 x 23 x 103	5

Other sizes available upon request. For further information please contact MM Kembla.

COPPER TUBE SAFEWORKING PRESSURE (kPa)

Copper Tube Dimensions Metric (mm)	SWP (kPa) @50˚C	@65˚C	@75˚C
6.35 x 0.81	10,635	9,545	8,820
9.52 x 0.81	6,800	6,105	5,640
12.70 x 0.81	4,995	4,480	4,140
15.88 x 1.02	5,030	4,515	4,170
19.05 x 1.14	4,697	4,181	3,895

INSULATION PROPERTIES

Material	Highly flexible 13mm and 19mm paired tubular closed cell elastomeric nitrile rubber foam
Thermal Conductivity	0.034 W/m.K at 23°C
Water Absorption	0.0029 g/100cm2
Vapour Barrier	≥10,000μ
Mildew Resistance	No fungal growth
Working Temperature	-200°C - +116°C Range

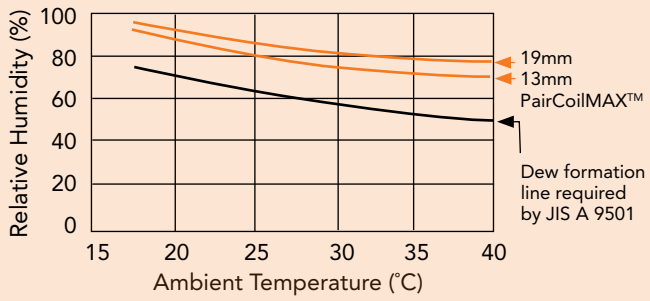
BCA COMPLIANCE

Fire Hazard Properties
Meets the requirements of Specification C1.10-7 "Fire Hazard Properties" (BCA Vol 1, 2016). Tested in accordance with the Requirements of AS1530.3:1999.
Spread of Flame Index 0
Smoke Development Index 5

Pipe Insulation
Meets the requirements of insulation material in accordance with AS/NZS 4859.1:2000
The requirements for Insulation on pipes as outlined in Specification J5-2(d) (BCA Vol 1) and Part 3.12.5 (BCA Vol 2). The BCA requires only total material R-Values be used. For R-Values greater than R1.1 contact our customer service centre to discuss your specific project requirements.

Copper
Manufactured to AS/NZS1571. Recommended maximum operating temperature is 65°C and in accordance with AS1677. A/C manufacturer's operating and installation instructions should be consulted.

DEW POINT GRAPH



ENVIRONMENTAL CREDENTIALS

Copper Tube	Copper is 99.9% pure copper and 100% recyclable. Specified for high pressure, low ozone depletion refrigerant gasses.
Foam Insulation	Zero Ozone Depleting Potential Zero Global warming Potential Low VOC Low VOC Adhesives HCFC and CFC free Complies with"Emi-9 Insulant ODP" as specified in the Green Star Technical Manuals, published by the Green Building Council of Australia.

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USAGE

- Split system air conditioners
- All sizes suitable for R410A refrigerant
- Condensation prevention

STANDARD PAIRCOIL

With a tough exterior surface for easy installation.

- Backed by MM Kembla's reputation for quality, service and customer care for 100 years.
- Easy installation. No glue, tape or messy powder.
- 20m rolls of pre-insulated copper paircoils allows you to install your pipework in less than half the time of conventional methods.
- UV protection.
- Resistance to abrasion and wear and tear.
- Can be pushed through tight spaces without being caught or torn.

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PairCoil

PHYSICAL DIMENSIONS

Kembla product code	Copper tube outside diameter x wall thickness (mm)	Copper tube outside diameter (inches)	R-Values	Paircoil length (m)	Total pack weight (kg)	Carton dimensions (cm)	Cartons per pallet
G99515	6.35 x 0.81 - 9.52 x 0.81	1/4 - 3/8	0.2	20	8.19	59 x 18 x 61	24
G99525	6.35 x 0.81 - 12.70 x 0.81	1/4 - 1/2	0.2	20	9.92	65 x 18 x 67	24
G99535	6.35 x 0.81 - 15.88 x 1.02	1/4 - 5/8	0.2	20	13.37	73 x 18 x 75	8
G99555	9.52 x 0.81 - 15.88 x 1.02	3/8 - 5/8	0.2	20	15.12	77 x 23 x 79	6
G99565	9.52 x 0.81 - 19.05 x 1.14	3/8 - 3/4	0.2	20	18.30	80 x 23 x 82	6

COPPER TUBE SAFEWORKING PRESSURE (kPa)

Copper Tube Dimensions Metric (mm)	SWP (kPa) @50˚C	@65˚C	@75˚C
6.35 x 0.81	10,635	9,545	8,820
9.52 x 0.81	6,800	6,105	5,640
12.70 x 0.81	4,995	4,480	4,140
15.88 x 1.02	5,030	4,515	4,170
19.05 x 1.14	4,697	4,181	3,895

INSULATION PROPERTIES

Material	Highly flexible paired, cross linked, closed cell polyethylene
Thermal Conductivity	0.037 W/m.K at 20°C
Tensile Strength	34.2 (3.49)min N/cm2 (kgf/cm2)
Water Absorption	0.0076 max g/100cm2
Thickness Shrinkage (%)	5% max @(120 ± 5˚C)
Coefficient of moisture permeability	10 (0.005) max (per 25mm in thickness) ng/m2•s•Pa (g/m2•h•mmHg)
Working Temperature	Up to 120°C

BCA COMPLIANCE

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Meets the requirements of insulation material in accordance with AS/NZS 4859.1.
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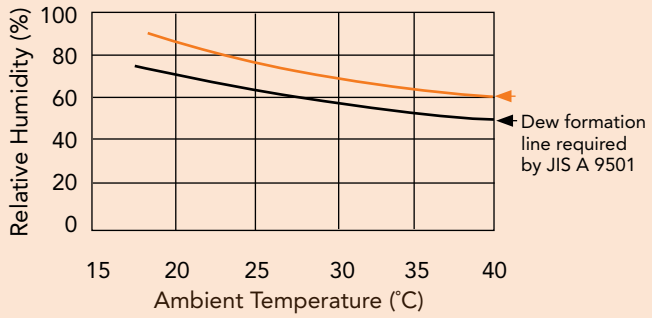

INSTALLATION

- Kembla PairCoil copper tube is recommended to be flare jointed. If brazing is necessary, all safety precautions should apply. Refer to installation instruction included with each Kembla PairCoil carton.
- If tight bending is required, the insulation can be cut back to accommodate a tube bender. Alternatively a length of polyethylene tube can be inserted to prevent kinking.

KEMBLA

For further information please contact your MM Kembla representative, customer service or visit our website.

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