



When it comes to quality pair coil, we've got it covered.

Pre-insulated pair copper coil is just about the best invention since the air conditioner itself. By eliminating cutting, threading on and sealing of insulation it can reduce your install times by as much as half. Ardent Pair Coil features a special polyethylene outer film that prevents creasing and helps to protect the insulation when passing the coil through difficult spaces. What's more, it provides UV resistance. All this makes Ardent Pair Coil easier to install and ensures ultra long-life performance. Ardent Pair Coil is R410A refrigerant compliant and available in five size combinations. So when you want the job done fast, get Ardent.

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The Benefits of using Ardent Pair Coil:

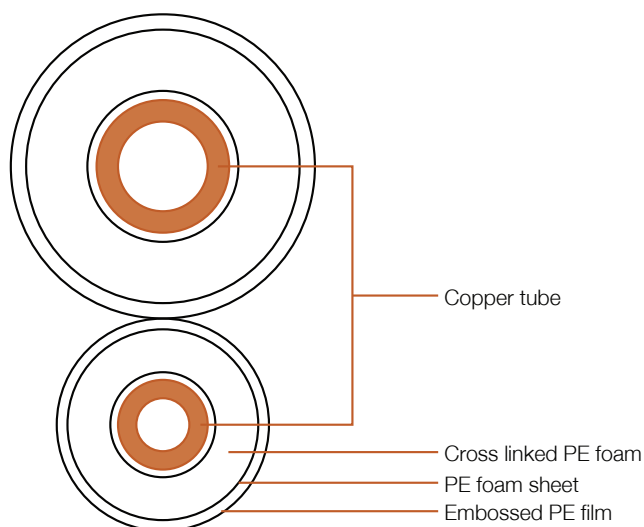
Saves time – Rapid installation time lets you get the job done quicker – in less than half the time.

No powder, no glue and no tape – The pre-insulated continuous 20m coil means there is no longer a need to cut, thread on or seal insulation joins every two metres.

Easy to install – Protected by a tough outer polyethylene film, Ardent Pair Coil can be pushed through tight spaces without damaging the insulation. The outer film also gives an attractive neat finish.

R410A Compliant – All sizes are suitable for use with R410A and ends are sealed with pink caps.

Convenient Packaging – Securely packed in cardboard cartons for ease of transport and storage.



Pair coil specifications

Product Code	Copper tube outside diameter x wall thickness (mm)	Copper tube outside diameter (inches)	Pair coil Length (M)	Pair Coils per carton	Carton Dimensions (mm)	Weight per coil (kgs)
9800005	6.35 x 0.81 – 9.52 x 0.81	1/4 – 3/8	20	1	505 x 505 x 195	6.5
9800006	6.35 x 0.81 – 12.70 x 0.81	1/4 – 1/2	20	1	575 x 575 x 195	7.9
9800007	6.35 x 0.81 – 15.88 x 1.02	1/4 – 5/8	20	1	615 x 615 x 195	11.0
9800008	9.52 x 0.81 – 15.88 x 1.02	3/8 – 5/8	20	1	645 x 645 x 195	12.4
9800009	9.52 x 0.81 – 19.05 x 1.14	3/8 – 3/4	20	1	725 x 725 x 195	15.4

Insulation properties

Thermal conductivity W/m.K	Tensile strength N/cm ²	Water absorption g/100cm ²	Thickness Shrinkage Percentage (120 ± 5°C)%	Temperature Range °C
Max. 0.043	Min. 24.5	Max. 0.01	Max. 6.60	-40 to +120

Safe working pressure

Copper tube outside diameter x wall thickness (mm)	Safe Working Pressure (kPa)		
	@50°C	@65°C	@70°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

Manufactured to AS/NZS 1571

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