

# Premium Pair Coil



## Description

- ICOOL Premium Pair Coil manufactured to Australian Standard AS/NZS 1571 is suitable for use in domestic split system air conditioners with high pressure refrigerants R410A and R32.
- Produced to be more durable with embossed polyethylene film and crossed-linked, foamed closed cell polyethylene outer insulation.
- The 20 metre pre-insulated annealed copper pair coil with continuous marking every meter makes it easy to install and save time & money as no measurement, glue or tape is needed.
- Smooth surface makes it much more user friendly.



## Specification

Product Code	Copper Tube Outside Diameter & Wall Thickness (mm)	Copper Tube Outside Diameter (inch)	Length(m)	R-Values	R410A & R32 Rated
PPC2320	6.35x0.81+9.52x0.81	1/4+3/8	20	0.26	Yes
PPC2420	6.35x0.81+12.70x0.81	1/4+1/2	20	0.26	Yes
PPC2520	6.35x0.81+15.88x1.02	1/4+5/8	20	0.26	Yes
PPC3520	9.52x0.81+15.88x1.02	3/8+5/8	20	0.26	Yes
PPC3620	9.52x0.81+19.05x1.14	3/8+3/4	20	0.26	Yes
PPC4620	12.70x0.81+19.05x1.14	1/2+3/4	20	0.26	Yes

## Insulation Technical Data

Material	Highly flexible paired polyethylene
Thermal Conductivity	0.035W/m.K.at 0°C
Tensile Strength	55.8N/cm2(kgf/cm2)
Water Absorption	0.0051 MAX g/100cm2
Thickness Shrinkage	6% MAX @ 120±5°C
Appearance Density	Inner Tube: 0.028g/cm3; Outside Tube: 0.0303g/cm3
Moisture Permeability	8.6x10 <sup>-11</sup> g/(m2*s*Pa)

## Copper Tube Safe Working Pressure

Copper Tube Outside Diameter & Wall Thickness (mm)	Safe Working Pressure (kpa)		
	50°C	65°C	75°C
6.35x0.81	10635	9545	8820
9.52x0.81	6800	6105	5640
12.70x0.81	4995	4480	4140
15.88x1.02	5030	4515	4170
19.05x1.14	4697	4181	3895

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