

Pre-insulated Paircoil

Insulflex SuperPair

Superior pre-insulated annealed copper tube is ideal for fast and cost effective split air-conditioning installation

Insulflex SuperPair is made of high quality copper tube and pre-insulate with flexible closed cell nitrile rubber insulation

The advantages of using Insulflex SuperPair

- Manufactured to AS 1530:3 Standard
- Comply to R22/R410A/R407C/R404A/R134A
- Flexible, quick and easy installation
- Continuous length
- Joint-free



High quality fire retardant closed cell nitrile rubber insulation pair coil with excellent insulating and water permeability properties to prevent condensation on the air-conditioning piping system



Insulation Properties

Thermal Conductivity ('K' Value)	0.038 W/mK @ 20°C	ASTM C 158
Water Permeability Perm-In-max	0.09	ASTM E 96
Water Vapour Resistance μ Factor	> 5000	DIN 52615
Thermal Shrinkage @200° F	4.5% max	ASTM C 548
Flammability Test	V-0	UL 94
Fire Propagation	Class 0	BS 476 PART 6
Surface Spread of Flame	Class 1	BS 476 PART 7 AS 1530

Copper Composition (%)

Standard	Copper (Cu)	Phosphorus (P)
JIS H3300 Alloy No. C1220	99.90 min.	0.015 - 0.040
AS/NZS 1471:1995 (UNS Alloy C12200)	99.90 min.	0.015 - 0.040

Copper Tube Tensile Strength

Temper Grade	Designation	Tensile Test		Hardness Test			GRAIN SIZE (mm)
		Tensile Test strength (N/mm ²)	Elongation (%)	Rockwell Hardness			
				HR30T	HR15T	HRF	
OL	C1220 T-OL C1220 TS-OL	205 min.	30 min.	-	65 max.	55 max.	0.040 max.