



Pair Coil - Insulated Copper Tubes / Pipes

Technical Specification Sheet

Pair Coil - Insulated Copper Tubes / Pipes Range of Products

Features

- Easily fits through tight spaces without damaging insulation
- Convenient 20m coils
- Now marked in 1 metre increments
- Tube insulation is manufactured from cross-linked, foamed, closed cell polyethylene film
- The exterior embossed polyethylene film contains additive to improve UV protection
- Insulation is heat resistant to 120°C
- All sizes are suitable for R410A and other high pressure refrigerants - identifiable by pink end caps

Benefits

- Manufactured to Australia / New Zealand standard AS/NZ 1571
- Exterior insulation is stronger and more resistant to abrasion than traditional materials
- Ozone friendly. Suitable for the new R410A and CO² Ozone friendly refrigerant
- · Easy installation. No glue, no tape, no messy powder



Usage

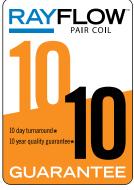
- Split System Air Conditioners
- General Air Conditioning and Refrigeration Installations

Stock Sizes

PC0609 (06 x 09) PC0615 (06 x 15) PC0612 (06 x 12) PC0915 (09 x 15) PC1020 (10 x 20)

Explanation of Part Number Structure

Product Group	Size (A x B)				
Pair Coil	06mm (1/4") x 09mm (3/8")				
PC	0609				
PC0609					







Product Dimensions

STANDARD SIZE (INCH)								
PART NO.	SIZE D2 x T2 / D1 x T1	O.D.OF THE TUBE D1 + D2 = D3	THICKNESS OF INSULATOR	LENGTH	TUBE SIZES	WEIGHT (KG)		
PC0609	6.3 x 0.81mm 9.5 x 0.81mm	25.9 + 22.1 = 48.0mm	9mm 5mm	20m	20m 1/4" & 3/8"	6.9		
PC0612	6.3 x 0.81mm 12.7 x 0.81mm	33.0 + 22.1 = 55.1mm	10mm 5mm	20m	20m 1/4" & 1/2"	8.5		
PC0615	6.3 x 0.81mm 15.9 x 1.00mm	36.1 + 22.1 = 58.2mm	10mm 5mm	20m	20m 1/4" & 5/8"	13.1		
PC0915	9.5 x .81mm 15.9 x 1.00mm	36.1 + 25.9 = 62.0mm	10mm 5mm	20m	20m 3/8" & 5/8"	14.2		
PC1020	9.5 x 0.81mm 19.1 x 1.14mm	39.1 + 25.9 = 65.0mm	10mm 5mm	20m	20m 3/8" x 3/4"	16.9		

Performance Data – Pair Coil - Insulated Copper Tubes Pipes

REFRIGERANT SATURATED VAPOUR PRESSURE (KPA)									
REFRIGERANT TYPE	50°C	55°C	60°C	65°C	70°C				
R22	1855	2095	2345	2592	2895				
R134a	1234	1383	1571	1789	2016				
R404A	2224	2503	2805	3093	-				
R407C	1777	2025	2297	2595	-				
R410A*	2945	3308	3702	4131	-				
R507A	1977	2215	2475	2865	3090				

^{*}Change in flaring dimension for R410A. For details refer to air conditioner manufacturers specifications

 $Recommended\ maximum\ operating\ temperatures\ is\ 65\%\ and\ in\ accordance\ with\ AS1677.\ A/C\ manufacturers'\ operating\ and\ installation\ instructions\ should\ be\ consulted.$

NATURE OF HEAT INSULATOR OUTSIDE OF INSULATOR INSIDE OF INSULATOR TEST UNIT **TENSILE STRENGTH** N/mm [kg/cm²] 31.5x10 [3.2] 29.5x10 [3.0] **ELONGATION** 70 100 COMPRESSION STRAIN % (25%) 3.4 6 WATER-ABSORBING CAPACITY 0.003 0.008 CONDUCTIVITY FACTOR W/(m k) [kcal/m²h°C] 0.040[0.035] 0.038 [0.033] TEMPERATURE OF -40°~120° -40°~120° HEAT RESISTING

Technical Drawing of Insulation

