

FIRE RETARDANT PAIR COIL



PHYSICAL PROPERTIES

Part Number	Insulation Thickness (mm)	Copper Tube O.D. (in)	Copper Tube O.D. X Wall Thickness (mm)	Length (m)
FRPC06350952-13	13	1/4 - 3/8	6.35 x 0.71 - 9.52 x 0.81	18
FRPC06351270-13	13	1/4 - 1/2	6.35 x 0.71 - 12.70 x 0.81	18
FRPC09521588-13	13	3/8 - 5/8	9.52 x 0.71 - 15.88 x 1.02	18
FRPC06350952-19	19	1/4 - 3/8	6.35 x 0.71 - 9.52 x 0.81	18
FRPC06351270-19	19	1/4 - 1/2	6.35 x 0.71 - 12.70 x 0.81	18
FRPC09521588-19	19	3/8 - 5/8	9.52 x 0.71 - 15.88 x 1.02	18

COPPER PROPERTIES

Copper Tube Dimensions Metric (mm)	Safe Working Pressure (kPa)
	At 65°C
6.35 x 0.71	8,100
9.52 x 0.81	5,930
12.70 x 0.81	4,700
15.88 x 1.02	4,500

PRODUCT CHARACTERISTICS

Insulation	Property	Specification
	Material	Paired tubular closed cell elastometric insulation (black nitrile)
	Thermal conductivity	0.033 W/m.K at 23°C AS 4859.1:2002
	Water Absorption	0.0029 g/100cm ² μ
	Vapour Barrier	12.000
	Mildew Resistance	No fungal growth ASTM C1338
	Working Temperature	-50°C to +110°C

Copper	Property	Specification	Result
	Copper Tube	Copper	99.9% Pure Copper
			100% Recyclable
	Foam Insulation	Ozone Depleting Potential (complies with requirements of Green Building Council of Australia - HCFC / CFC free)	Zero
Global Warming Potential		Zero	
Volatile Organic Compound VOC Adhesives		Low	

BUILDING CODE OF AUSTRALIA COMPLIANCE

Property	Specification	Results
Fire Hazard Properties	Tested in accordance with AS/NZS 15.30.3:1999 Refer abcb.gov.au (BCA Vol 1)	Complies
	Spread of flame index	0
	Smoke Development Index	5
Pipe Insulation Refer Specifications	Meets requirements of insulation material in accordance with AS/NZS 4859.1:2000	Complies
	Refer specification J5 (BCA Vol 1) and (BCA Vol 2)- Insulation on pipes	
Copper	Manufactured to AS/NZS 1571	Complies
	Maximum operating temperature (recommended in accordance with AS 1677 & AS 5149)	65°C