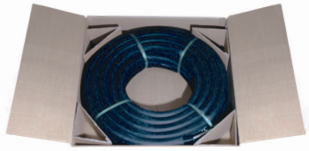
Specifications For Aircon Coils (1PC=10m)



Tube		9mm ·3/8"		13mm ·1/2"	
ID Inches	ID (mm)	Wall*ID	PCS/CTN	Wall*ID	PCS/CTN
1/4"	6	9*06	8	13*06	5
3/8"	9	9*09	6	13*09	5
1/2"	13	9*13	5	13*13	4
5/8"	16	9*16	4	13*16	3
3/4"	19	9*19	4	13*19	3

Technical Data

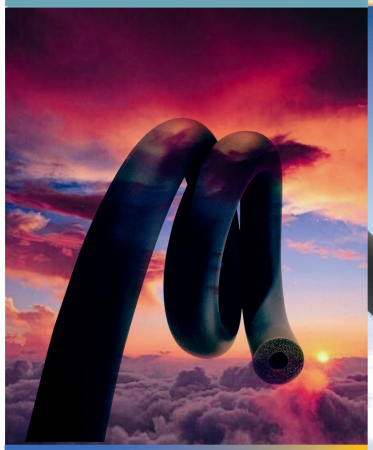
Temperature range	-50 ~ 110 °C
Thermal conductivity λ W/(m•K) EN 12667 (DIN 52612) - ENISO 8497 (DIN 52613)	-20 °C = 0,032 0 °C = 0,034 +20 °C = 0,036
Corrosion risk	EN 13468; pH neutral (7±1)
Permeability μ EN12086 (DIN 52615)	≥ 7000
Fire classification	BS 476 CLASS 1

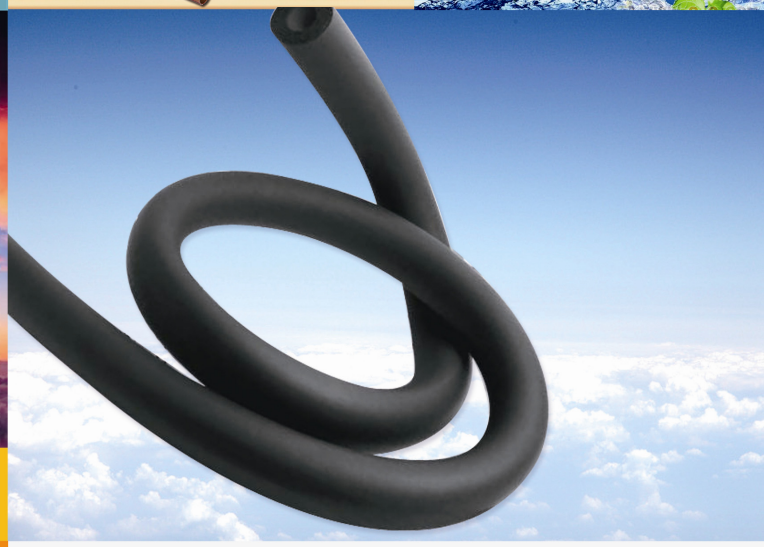
Applications

- Refrigeration Pipework
- Hot Water Piping System
- Air Conditioning Ducting System
- Chill Water Piping System

Since 1979

KINGFLEX® Since 1979
Elastomeric Thermal Insulation Systems





12 YEARS TOP-SELLING BRAND WORLDWIDE

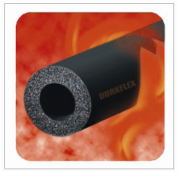
KINGFLEX AIRCON TUBE

36 YEARS FOCUSED ON INSULATION

Kingflex Aircon Tube

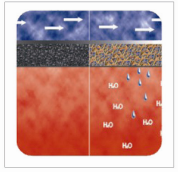
Kingflex Aircon tube is specially designed for the insulation of air conditioning application, meeting all necessary requirement in terms of dimension, structure(flexible and easy to install) cleanliness and cost effective.
It is a kind of insulation material with fireproof, soundproof and shockproof performance.

Advantages



Low Flame Spread

When fire tested, Kingflex aircon tube does not generate flaming droplets， a low flame spread achieving a fire performance of Class 1



High Moisture Resistance Factor

Kingflex aircon tube closed cell elastomeric insulation has a high Moisture Resistance Factor (μ≥7000), minimizes water vapour penetration, reach a long lasting and stable performance.

Low Thermal Conductivity

Kingflex Aircon tube with thermal conductivity λ: -20 °C = 0,032W/(m.k); 0 °C = 0,034 W/(m.k); +20 °C = 0,036 W/(m.k)

Specifications For Aircon Tubes (1PC = 1.8m/1.83m/2m)

Tube		9mm ·3/8"		13mm ·1/2"	
ID Inches	ID (mm)	Wall*ID	PCS/CTN	Wall*ID	PCS/CTN
1/4 ″	6	9*06	168	13*06	90
3/8 ″	9	9*09	130	13*09	80
1/2 ″	13	9*13	115	13*13	65
5/8 ″	16	9*16	90	13*16	60
3/4 ″	19	9*19	76	13*19	45
7/8 ″	22	9*22	70	13*22	40
1″	25	9*25	55	13*25	40
1 1/8 ″	28	9*28	55	13*28	36
1 1/4 ″	32	9*32	40	13*32	30
1 3/8 ″	35	9*35	36	13*35	30
1 1/2 ″	38	9*38	32	13*38	24
1 5/8 ″	42	9*42	30	13*42	25
1 3/4 ″	45	9*45	26	13*45	20
1 7/8 ″	48	9*48	25	13*48	20
2 1/8 ″	54	9*54	25	13*54	20
2 1/4 ″	57			13*57	20
2 3/8 ″	60			13*60	18
2 5/8 ″	67			13*67	15
3″	76			13*76	12
3 1/2″	89			13*89	10
4 1/4″	108				
4 1/2″	114				