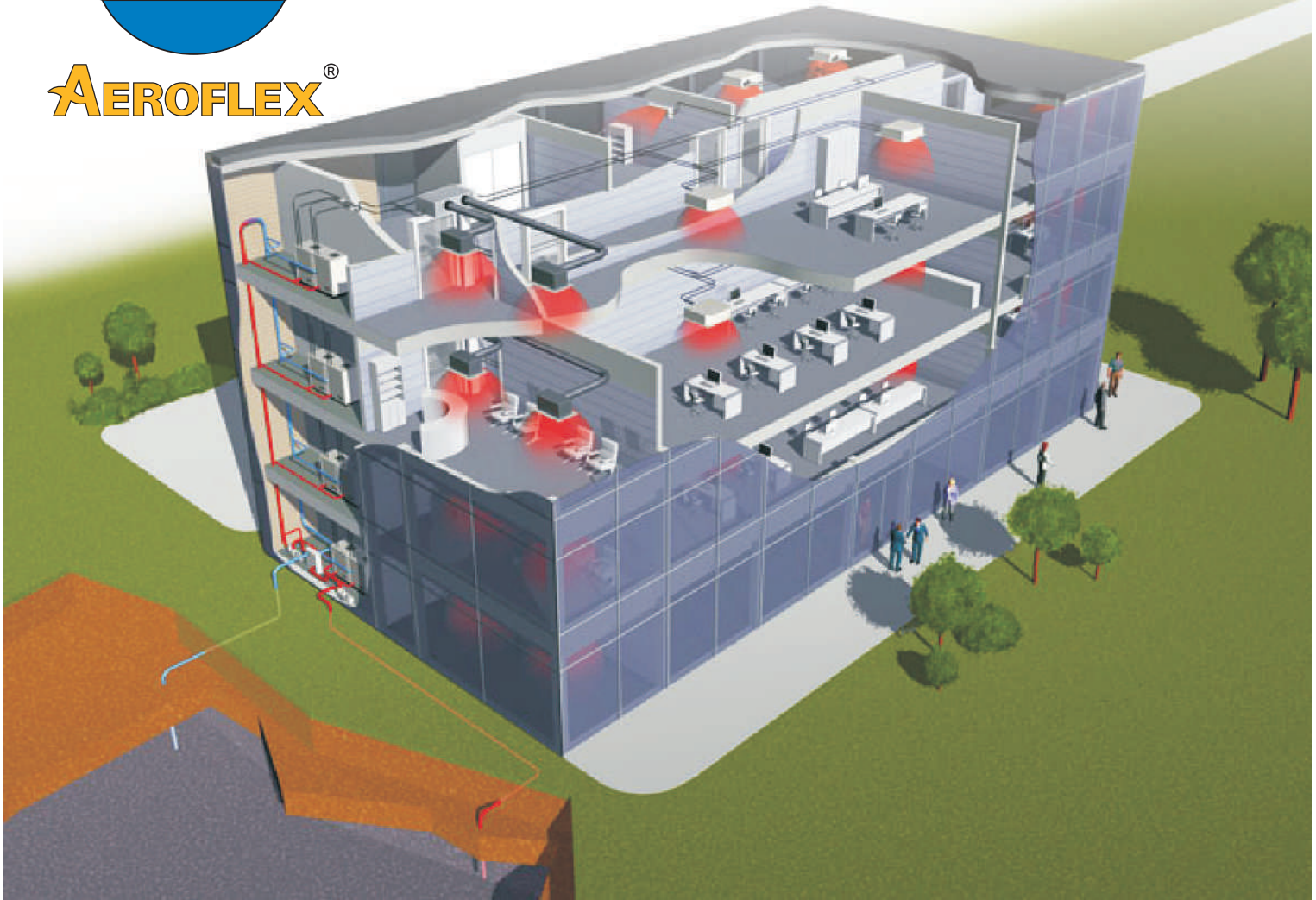




AEROFLEX®



VRV Applications

**High Quality solutions for
VRV application**

**EPDM Tubes for outdoor piping/
NBR tubes for indoor piping**

Specifications

Technical Performance	
Density	50 Kg/M³ ± 15%(Sheet), 60 Kg/M³ ± 15%(Tube)
Temperature Range *	-40°C to + 115 °C
Thermal Conductivity W/m.K EN 12667 (DIN 52612) EN ISO 8497 (DIN 52613) IS 3346 : 1980	-20 °C ≤ 0.031 W (m.k) 0 °C ≤ 0.033 W (m.k) 40 °C ≤ 0.037 W (m.k)
Water vapour diffusion Resistance factor μ	≥ 7,000
Corrosion Risk	pH 7 (neutral)
Toxicology	Low Carbon Monoxide Formation meets IMO RES.MSC 61 (67)
Ecological Data	No asbestos, No HCFC - CFC, No Formaldehyde - Cd-Hg etc.
Resistance to Fungi	No growth observed ASTM : G 21
Closed Cell	> 90%
Ozone resistance	Very Good
Resistance to Oil and Grease	Very Good
Odour	Negligible
Noise reduction	upto 35dB (A)
Reaction to Fire BS 476 Part 6 & 7 UL 94	Class 0 VO FM Approved

* For temperature below -40°C pls consult our engineering group

Benefits

- Excellent insulation properties due to low k-value, that remain unchanged during service life time of hot/cold installation and are unaffected by humidity.
- The closed-cell structure will not absorb or allow the spread of water, thus preventing condensation or frost formation on cooling systems, chilled water & refrigerant lines. No additional water vapour barriers are required.
- Supplied with reinforced aluminium foil, for increased performance and quicker installation. Adhesive backing is also available.
- Wide working temperature (-40°C to +115°C).
- Thinner gauges can be used to achieve effective insulation due to low k-value and high water vapour diffusion resistance (μ) This also allows the use of material in areas with space limitations.

Aerocell-T

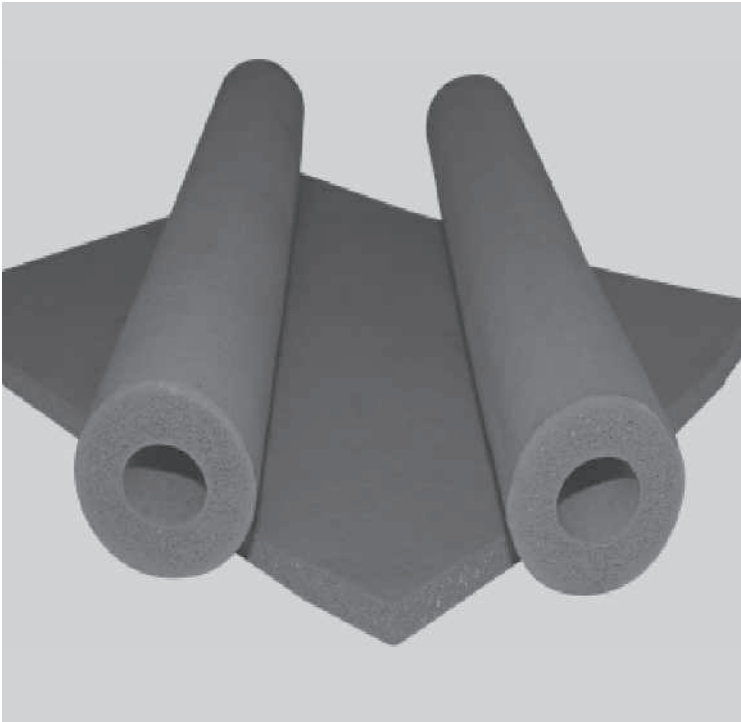
Packaging details for Tubes													
Size- ID		6mmThk		9mmThk		13mmThk		19mmThk		25mmThk		32mmThk	
mm.	inch.	Pcs./ Crtn	Mtr./ Crtn	Pcs./ Crtn	Mtr./ Crtn	Pcs./ Crtn	Mtr./ Crtn	Pcs./ Crtn	Mtr./ Crtn	Pcs./ Crtn	Mtr./ Crtn	Pcs./ Crtn	Mtr./ Crtn
6	1/4	250	500	170	274.50	110	201.30	48	87.84				
10	3/8	200	400	120	219.60	90	164.70	36	65.88	15	27.45	15	27.45
13	1/2	150	300	100	183.00	72	131.76	30	54.90	25	45.75	25	45.75
16	5/8	120	240	90	164.70	63	115.29	30	54.90	25	45.75	25	45.75
19	3/4	100	200	72	131.76	56	102.48	25	45.75	20	36.60	20	45.75
22	7/8	90	180	60	109.80	42	76.86	24	43.92	18	32.94	18	45.75
25	1	80	160	50	91.50	42	76.86	20	36.60	16	29.28	16	36.60
28	1 1/8	75	150	50	91.50	36	65.88	20	36.60	16	29.28	16	36.60
32	1 1/4			42	76.86	30	54.90	20	36.60	15	27.45	15	36.60
35	1 3/8			36	65.88	30	54.90	16	29.28	12	21.96	12	32.94
42	1 5/8			30	54.90	25	45.75	16	29.28	12	21.96	12	32.94
48	1 7/8			28	51.24	20	36.60	15	27.45	10	18.30	10	32.94
51	2			24	43.92	20	36.60	12	21.96	9	16.47	9	27.45
54	2 1/8			20	36.60	18	32.94	12	21.96	9	16.47	9	27.45
60	2 3/8			20	36.60	15	27.45	10	18.30	9	16.47	9	27.45
67	2 5/8			18	32.94	13	23.79	9	16.47	8	14.64	8	27.45
73	2 7/8			18	32.94	13	23.79	9	16.47	8	14.64	8	18.30
76	3			18	32.94	12	21.96	8	14.64	8	14.64	8	18.30
79	3 1/8			15	27.45	12	21.96	8	14.64	6	10.98	6	18.30
89	3 1/2			15	27.45	12	21.96	6	10.98	6	10.98	6	14.64
102	4							5	9.15	5	9.15	5	14.64
108	4 1/4							5	9.15	5	9.15	5	9.15
114	4 1/2												

Tube length : 2 Mtrs. (Special Sizes available on request)
Tolerance - ID from 6mm to 42 mm tolerance of + 2mm/-0mm, and above 42mm + 3mm/-0.
For thickness from 6mm to 19mm ± 1mm and for 25mm & 32mm ± 2mm.

Aerocell-S

Packaging details for Sheet Rolls					
Sheet Thickness (mm)	Dimensions	Roll Content sq. mtr.	Sheet Thickness (mm)	Dimensions	Roll Content sq. mtr.
3*	1m x 100m	100	16	1m x 20m	20
6	1m x 40m	40	19	1m x 15m	15
9	1m x 30m	30	25	1m x 10m	10
13	1m x 25m	25	32	1m x 8m	8

* 3mm sheet is available with one side skin only
Tolerance - Width 1000mm ± 20mm. Sheet thickness from 6mm to 19mm ± 1mm and for 25mm & 32mm ± 2mm.



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