



AEROFLEX[®]

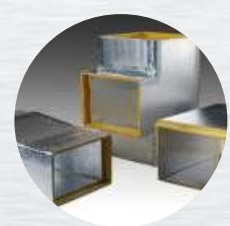
AEROCELL


WITH ALUMINUM FOIL





World-Class finishing with high mechanical resistance

- Best for clean room applications
- Smooth surface-less dirt
- Durable and erosion-resistant
- Easy to Apply




UL 94


ASTM D635


British Standards
BS 476 Part 6 & 7

INNER ENGINEERING PRODUCTS AND SYSTEMS PVT LTD



MAHARASHTRA



GOA



GUJARAT



MADHYA PRADESH



CHHATTISGARH

EXCLUSIVE AUTHORISED DISTRIBUTORS FOR WEST REGION

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AEROCELL SHEETS SPECIFICATIONS	
Density - ASTM - D- 1056	40-60 Kg/M ³
Temperature Range*	-40°C to +105°C
Thermal Conductivity (K Value) ASTM C518	10°C - 0.035 W/(m.k) 20°C - 0.036 W/(m.k) 40°C - 0.038 W/(m.k)
Water Vapour Diffusion Resistance factor μ ASTM E96	> 12,000
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 - ASTM : G 21	No growth observed
Ozone resistance	Very Good
Closed Cell	> 90%
Aluminium Foil Thickness	12 microns
Odour	Negligible
FM Approved	Yes
Reaction to Fire BS 476 Part 6 & 7 UL 94 ASTM D635 - 06	Class 0 V - 0 Self-Extinguishing, does not drip, does not spread flames.

* For temperature below -400C pls consult our engineering group

Packing Details for AEROCELL EN Tubing 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	340	110	220	48	96				
10	3/8	200	400	120	240	90	180	36	72	20	40		
13	1/2	150	300	100	200	72	144	30	60	20	40		
16	5/8	120	240	90	180	63	126	30	60	20	40		
19	3/4	100	200	72	144	56	112	30	60	20	40	20	40
22	7/8	90	180	60	120	42	84	24	48	18	36	18	36
25	1	80	160	50	100	42	84	20	40	16	32	16	32
28	1 1/8	70	140	50	100	36	72	20	40	16	32	16	32
32	1 1/4	60	120	42	84	30	60	20	40	15	30	12	24
35	1 3/8			36	72	30	60	16	32	12	24	12	24
38	1 1/2			30	60	25	50	16	32	12	24	10	20
42	1 5/8			30	60	25	50	16	32	12	24	10	20
45	1 3/4			28	56	20	40						
48	1 7/8			28	56	20	40	15	30	10	20	9	18
51	2			24	48	20	40	12	24	9	18	9	18
54	2 1/8			20	40	18	36	12	24	9	18	6	12
60	2 3/8			20	40	15	30	10	20	9	18	6	12
67	2 5/8			18	36	13	26	9	18	8	16	6	12
73	2 7/8			18	36	13	26	9	18	8	16	6	12
76	3			18	36	12	24	8	16	8	16	5	10
79	3 1/8			15	30	12	24	8	16	6	12	5	10
89	3 1/2			10	20	12	24	6	12	6	12	5	10

Length 1830 ± 20mm. Thickness from 6mm to 19mm ± 1mm and for 25mm & 32mm ± 2mm.

Tolerance (ID): from 6mm to 42mm +2/-0mm and above 42mm +3/-0mm

* Special Sizes available on request

AEROCELL Class O Nitrile Insulation Sheet packing list (AEROCELL Continuous Sheets)

SHEET THICKNESS	6mm	9mm	13mm	16mm	19mm	25mm	32mm
DIMENSIONS	1 x 40m	1 x 30m	1 x 25m	1 x 20m	1m x 15m	1m x 10m	1m x 8m
ROLL CONTENT SQ. MTR.	40	30	25	20	15	10	8

* 3mm sheet is available with one side skin only

* Tolerance for thickness from 6mm to 19mm ±1mm & for 25mm & 32 mm ±2mm |

* Available in various lamination such as Aluminum Foil, Glass Cloth, Self Adhesive



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Disclaimer: Although these values represent actual results achieved in tests, they should only be used as a guide. ALP Aeroflex cannot guarantee the performance of the product as all situations are different & should be treated separately. All statements & technical informations are based on results obtained under typical conditions. It is the responsibility of the recipient to verify with us that the informations are appropriate for specific use intended by the recipient.