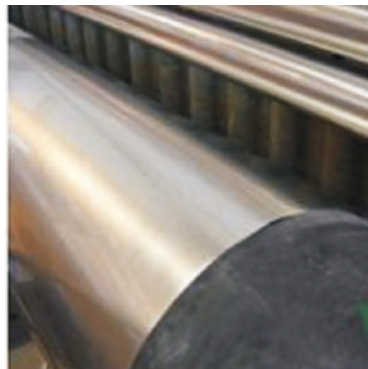




AEROCELL AM (Bioflex)

With SILVER CLAD



UTILISATION

- Construction Industry
- Chemical & Petrochemical Industry
- HVAC
- Power Plants
- OEM
- Food Industry
- Shipbuilding / Offshore
- Pharmaceutical Industry

BENEFITS

- 50% Faster
- Easy to Install
- Saltwater & Chemicals Resistant
- UV Resistant

DESCRIPTION

Aerocell AM, the new range of anti-microbial cellular elastomeric nitrile rubber insulation from Aerocell.

The improved cell structure of Aerocell AM (Bio-flex) has improved thermal insulation properties, superior protection against microbes, fungi and bacteria and improved resistance to moisture and vapour transmission.

SIZE OF THE SHEET

Thickness (mm)	Length (Mtrs.)	Roll content with 1 mtr. Width (Sq. mtr.)	Roll content with 1.2 mtr. Width (Sq. mtr.)	Tolerance for Thickness (mm)
9	30	30	36	±1 mm
13	25	25	30	±1 mm
16	20	20	24	±1 mm
19	15	15	18	±1 mm
25	10	10	12	±2 mm
32	8	8	9.6	±2 mm
38	6	6	7.2	±3 mm
40	6	6	7.2	±3 mm
45	5	5	6	±4 mm
50	5	5	6	±5 mm

TECHNICAL DATA SHEET

S.N	Properties	Values	Test Method
1.0	Thermal Insulation Material	Closed Cell Elastomeric Nitrile Rubber Foam	--
2.0	Material Lamination	Laminated on one side with 350 or 230 μ thick silver clad (Aluminium with PVC backing & a UV protective layer on top)	--
3.0	Service Temperature	-40°C to +105°C	--
4.0	FIRE & SMOKE CHARACTERISTICS a) Fire Performance acc. to building regulation b) Surface flame spread c) Fire propagation d) Rate of burning (Vertical Position)	Class 0 Class 1 Total Index (I) <12 & Sub Index (ii) <6 Class V-0	BS 476 Part 6&7 BS 476 Part 7:1997 BS 476 Part 6:1989 UL 94-1997
5.0	Density (Kg/M ³)	50 \pm 20%	ASTM D-1056
6.0	Thermal Conductivity (K Value)	\leq 0.036 W/m ² K at 20°C	ASTM C-518
7.0	Anti-Microbial Behaviour Resistance to Fungi Bacteria Resistance Test EPA Approved	No Fungal Growth No Bacterial Growth Yes	ASTM G21 ASTM G2180
8.0	Water Vapour diffusion resistance	\geq 60000	EN-13469-2016 & EN-12086
9.0	Ozone depleting substances (CFC/HCFC)	Not Detected & No Asbestos	US EPA 5021A



Manufactured and Marketed by:

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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.