

Technical Specifications

Aerocell Nitrile Class O

Density	50 kg/M ³ ± 15%(Sheet), 60 kg/M ³ ± 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 O VO FM Approved

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