ALP®

AEROFLEX®

आत्मनिर्भर भारत

MAKE IN INDIA

AEROCELL - GC™

REINFORCED WITH GLASS CLOTH COVERING

ADVANTAGES

- Resistance against UV and mechanical impact/ scratch
- Suitable for harsh ambient conditions
- Better aesthetics
- Easy to install and handle
- Available in 6 colors (black, blue, red, green, grey and white)
- FM Approved

CERTIFICATIONS

BSI British Standards BS 476 Part 6 & 7

ASTM D635

UL 94

MEMBER

FM Approvals

warringtonfire

PRODUCT DESCRIPTION

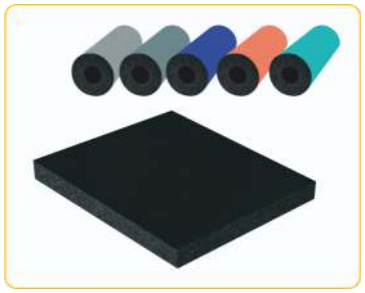
AEROCELL-GC is a closed cell flexible elastomeric foam made from Nitrile Rubber factory laminated with 7 MIL treated woven glass cloth. This material has low thermal conductivity and high water vapour diffusion resistance. It is CFC/HCFC free, dust and fiber free and ensures energy saving. This product meets insulation requirement in diverse fields such as the HVAC & R, Construction, Pharma, Hotel, Hospital, Process and Cold storage industries.

Applications	Insulation to prevent condensation, reduce energy losses and protection against mechanical damage on HVAC ducts, pipes, tanks & equipments.
Assembly	Aerocell-GC can be used together with ALP Aeroflex adhesives (Aerostick) for a complete insulation system.
Product Range	Available in plain and self-adhesive rolls (sheets) in 9, 13, 16, 19, 25, 32 mm thickness of 1000 mm wide rolls

TECHNICAL DETAILS

PROPERTIES	VALUES	TEST METHOD
Thermal Conductivity W/m.K	≤ 0.035 W/m°K @10°C; ≤ 0.036 W/m°K @20°C ≤ 0.037 W/m°K @30°C; ≤ 0.038 W/m°K @40°C	ASTM-C-518
Water vapour diffusion resistance factor (μ)	≥ 11000	
Cell Structure	Closed Cell	
Laminate	Treated glass cloth	
Density	40 to 60 Kg/M^3	
Temperature Range*	-40°C to 105°C	
Ecological Data	No asbestos, No HCFC - CFC, No Formaldehyde - Cd-Hg etc.	
Ozone Resistance	Very Good	
Odour	Negligible	
Reaction to Fire		
a) Fire performance acc. to building regulation	Class 0	Bs476 Part 6 & 7
b) Surface flame spread	Class 1	Bs476 Part 7
c) Fire Propagation	I<12 & i1<6	Bs476 Part 6
d) Rate of burning (Vertical Position)	Class V-0	UL 94
e) Practical fire behaviour	Self-Extinguishing, does not drip and does not spread flames	ASTM D 635
FM Approval		Approved
Indoor air quality (VOCs)	Green guard gold certified	UL 2818

* For temperature below - 40°C please consult our technical team



DOWNLOAD CATALOGUE

AAIPL-ACGC-PC-040622

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