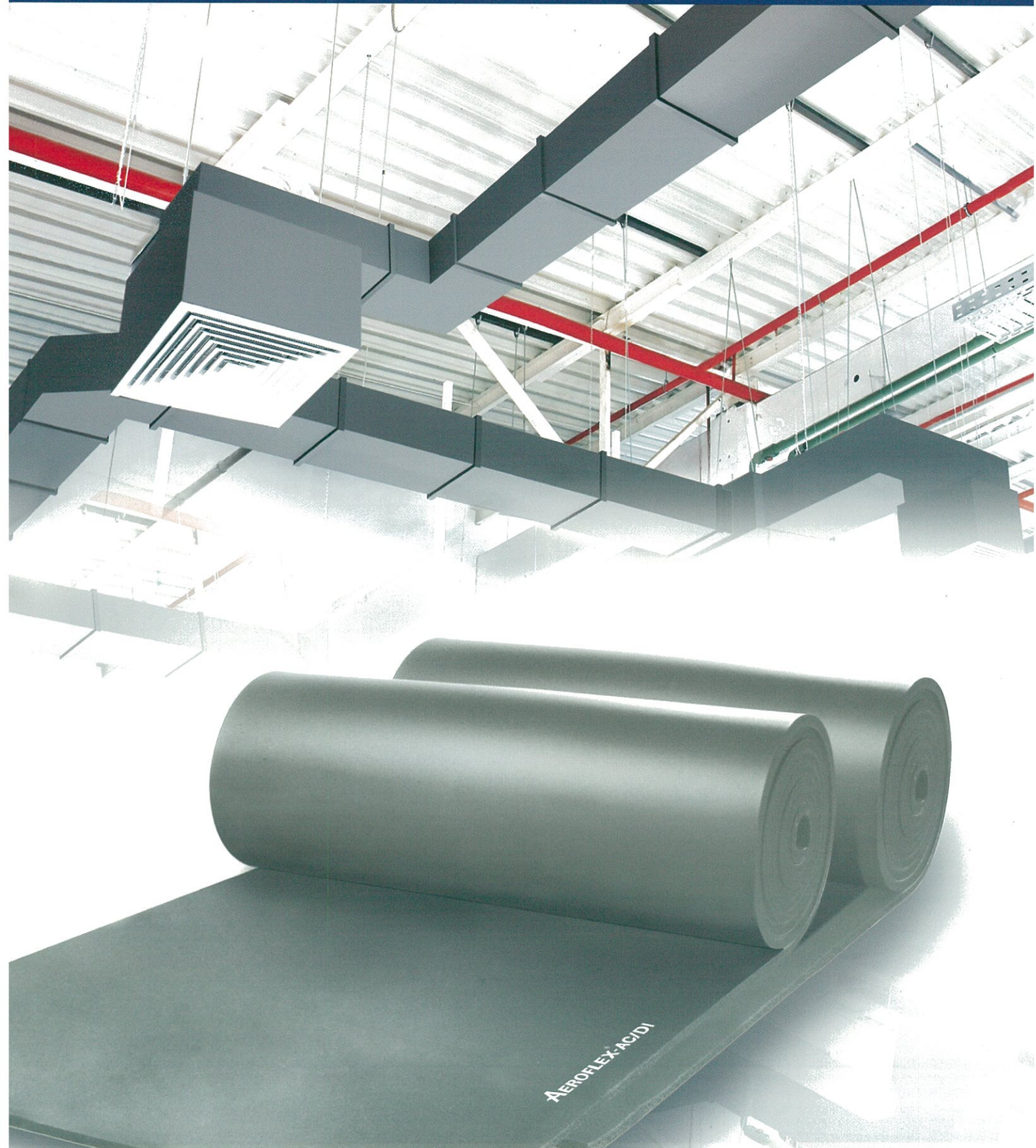


AEROFLEX-AC/DI[®]

Closed Cell Elastomeric Thermal Insulation for HVAC Air Duct Systems



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Closed Cell Elastomeric Thermal Insulation for HVAC Air Duct Systems



AEROFLEX-AC/DI is a fully flexible, closed cell, light weight EPDM elastomeric thermal insulation designed for insulating hot and cold air duct systems. Its excellent insulating properties help save energy and prevent condensation problems.

AEROFLEX-AC/DI provides many advantages over most fibrous, rigid or semi-rigid thermal insulation such as:

- Excellent water vapor resistance.
- Low and stable thermal conductivity (K. value) during service life due to closed cell structure.
- Excellent flexibility makes installation work easy and neat.
- Non fibrous insulation; does not cause skin irritation or any other health hazards.

AEROFLEX-AC/DI can be installed on internal and external duct surfaces. Available as sheet roll with various thickness



External Ducting Systems



Internal Ducting Systems



AEROFLEX-AC/DI Continuous Sheet Roll (1 m. width)

Product Code	Thickness (mm)	Width (m)	Length (m)	Area/Roll (m ²)
AFACDIMS09	9	1.0	15	15
AFACDIMS13	13	1.0	11	11
AFACDIMS16	16	1.0	10	10
AFACDIMS19	19	1.0	7	7
AFACDIMS25	25	1.0	5	5

Note:

- 1.2 m, 1.4 m, 1.5 m width also available upon request
- Product code ending with "A" : Adhesive lamination
- Product code ending with "AL" : Aluminum foil lamination
- Product code ending with "ALA" : Adhesive & Aluminum foil lamination on each side



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AEROFLEX-AC/DI Specification

Properties	AEROFLEX-AC/DI	Test Method
Material	EPDM based	-
Cell Structure	Closed Cell	-
Thermal Conductivity (W/mK) at 24 °C	≤ 0.034 W/mK	ASTM C 518
Service Temperature	-20 °C to 100 °C	-
Water Vapor Permeability	≤ 0.10 perm-in	ASTM E 96
Water Absorption	≤ 5 % by weight	ASTM D 1056
Flammability & Smoke Density	Class V-0	UL-94
	Self-Extinguishing	ASTM D 635
Weather Resistance	Very good	-
Flexibility	Excellent	ASTM C 534

For more information, please contact your local distributor.

Distributor :