









ROHS COMPLIANT





PRODUCTS SPECIFICATIONS

AEROFLEX-STANDARD

WIDELY USED TO SAVE ENERGY AND PREVENT CONDENSATION

AEROFLEX standard is an EPDM based closed cell light weight elastomeric thermal insulation specially formulated to meet UL 94 V-0, ASTM E 84, Class 5.3 EMPA (Switzerland), IMO (International Marine Organization) and other international fire standards.

Aeroflex standard sheet and tube elastomeric thermal insulation are widely used to save energy and prevent condensation problem on chilled water and refrigeration systems. They also efficiently reduce heat flow on hot water plumbing, liquid heating and dual temperature piping.



AEROFLEX-Standard Specificaiton :

Properties* ¹			Ae	Test Method			
Cell Structure				-			
Density lbs/ft ³ (Kg/m ³)			2	ASTM D 1667			
Thermal Conductivity	Mean Temp	-4°F (-20℃)	32°F (0°C)	75°F (24°C)	90°F (32°C)	104°F (40°C)	ASTM C 177 ASTM C 518
(W/ m.K)	K-Value	0.215 (0.0310)	0.230 (0.0330)	0.247 (0.0356)	0.256 (0.0365)	0.259 (0.0374)	JIS A 1412 EN ISO 8497
Service Temperature *3				-70 °F to 257 °F -57 °C to 125 °C	= C		Becomes hard at -57°C but can be used even at -200°C
Water Absorption			<	10% (by weigl	nt)		ASTM D 1056
Water Absorption			< ().20% (by volur	me)		ASTM C 209
Water Vapor Permeability perm.in (g/Pa.s.m)	y		< 0.10	(1.44 x 10 ⁻¹⁰ g/	(Pa.s.m)		ASTM E 96
Ozone Resistance			ASTM D 1149 ASTM D 1171				
UV Weather Resistance				ASTM G 154			
Heat Stability (%Shrinka @ 220°F (104°C) x 7 days	ge)	<7%					ASTM C 534
				UL 94			
				ASTM E 84			
Flammability & Smoke D	ensity		S	ASTM D 635			
	onony			EMPA (Switzerland)			
			I	JIS K 6911			
				IMO *4			
Mold Resistance	•		Meet F	Requirement (R	ating 1)		UL 181
Fungi Resistance	•			No Growth			ASTM C1338
Bacteria Resistance			Meet Red	ASTM E 2180			
Corrosion of Copper/ Sta	ainless Steel			DIN 1988			
Nitrosamine Contents *5				Not Detected			FDA CPG 7117.11
RoHS				EN Restriction of the Use of Hazardous Substances Directive (RoHS) 2002/95/EC			
Sound Reduction (AF)				32 dB (20 mm))		DIN EN ISO10052, DIN 4109-11
Flexibility				Excellent			ASTM C 534

Note: *1. Figures show the average values obtained by world's well-known and recognized testing institutes.

*2. Because of wide range of products from thickness 6mm up to 50mm and ID from 6mm up to 150mm, insulation skin and volume ratio is varied for each product item, making thicker insulation lower in density, while thinner insulation higher in density. *3. At temp. under - 57°C, AEROFLEX becomes hard but it does not affect thermal conductivity nor water vapor permeability. For heating applications, AEROFLEX can stand upto +125°C continuously, and the adhesive up to +100°C.

*4. IMO : International Maritime Organization

*5. It is reported that Nitrosamin is harmful to human health even during storage. No Nitrosamin compound was detected in AEROFLEX.



AEROFLEX-HT

FOR HIGH TEMPERATURE APPLICATION UP TO +150° C



AEROFLEX-HF

HALOGEN FREE THERMAL INSULATION AEROFLEX-HT is an EPDM based closed cell light weight elastomeric thermal insulation specifically designed for solar and steam heating applications with service temperature up to +150 °C. AEROFLEX-HT has excellent ozone, UV and weather resistance properties suitable for outdoor applications. However, for outdoor installation with long term direct contact to sunlight, protective coating or jacketing are recommended. The flexibility of AEROFLEX - HT enables quick and easy installation on bent or irregular piping. AEROFLEX - HT is self-extinguished and does not melt when burnt.

AEROFLEX-HT Specificaiton :								
Properties			Aeroflex-HT					Test Method
Cell Structure				Close	d Cell			-
Density lbs/ft ³ (Kg/m ³)				2.5-5.0	(40-80)			ASTM D 1667
Thermal Conductivity	Mean Temp	68°F (20°C)	104°F (40°C)	140°F (60°C)	176°F (80°C)	212°F (100°C)	303°F (150°C)	ASTM C 177
(W/ m.K)	K-Value	0.250 (0.036)	0.263 (0.038)	0.277 (0.040)	0.284 (0.041)	0.305 (0.044)	0.395 (0.057)	EN ISO 8497
Service Temperature		Up to +150 °C Up to +302 °F					ASTM C 411	
		< 10% (by weight)					ASTM D 1056	
water Absorption		< 0.20% (by volume)						ASTM C 209
Ozono Bosistanoo	One Basisteres		No Crook					ASTM D 1149
		THE OTACK					ASTM D 1171	
UV Weather Resistance		Very Good					ASTM G 154	
Flammability		Self-Extinguishing					ASTM D 635	
		Class V-0						UL 94
RoHS		Not Detected					EN Restriction of the Use of Hazardous Substances Directive (RoHS) 2002/95/EC	

AEROFLEX-HF is halogen-free elastomeric thermal insulation especially developed for high standard with requirement of very low halogen content and very low corrosive acid gases from combustion. AEROFLEX-HF is formulated with very low chlorine and bromine content. AEROFLEX-HF is used for heating and cooling piping, tanks and air ducts, and to prevent stress corrosion with stainless steel pipe in the electronic control room, computer center, hospitals, laboratory, ships, trains and other areas where non-halogenated chemical materials are required.

AEROFLEX-HF Specificaiton :

Properties			Aerof	ex-HF	Test Method	
Cell Structure			Close	d Cell	-	
Density Ibs/ft ³ (Kg/n	n³)		2.5-5.0	(40-80)	ASTM D 1667	
Thermal Conductivity	Mean Temp	32°F (0°C)	75°F (24°C)	90°F (32°C)	104°F (40°C)	ASTM C 518
(W/ m.K)	K-Value	0.242 (0.035)	0.257 (0.037)	0.263 (0.038)	0.277 (0.040)	EN ISO 8497
Service Temperature)		-70 °F to -57 °C to	o 257 °F o 125 °C		Becomes hard at -57°C but car be used even at -200°C
Water Absorption			< 10% (b	y weight)	ASTM D 1056	
Water Absorption			< 0.20% (oy volume	ASTM C 209	
Water Vapor Permeability perm.in (g/Pa.s.m)		≤ 0.10 (1.44 x 10 ⁻¹⁰ g/Pa.s.m)				ASTM E 96
Ozone Resistance			No C	Crack	ASTM D 1149 ASTM D 1171	
UV Weather Resistar	nce		Very	Good	ASTM G 154	
			Self-Extir	nguishing	ASTM D 635	
Flammability & Smol	ke Density		S	4	DIN5510 (Railway)	
			Pa	ISS	IMO	
Corrosion of Copper/Stainless Steel		Non Corrosive				DIN 1988
Nitrosamine Contents		Not Detected			FDA CPG 7117.11	
RoHS		Not Detected			EN Restriction of the Use of Hazardous Substances Directiv (RoHS) 2002/95/EC	
Elovibility		Excellent				ASTM C 534





Insulation Foam Tape

AEROTAPE **The High Quality Self Adhesive Insulation Foam Tape**



AEROTAPE is the flexible and self-adhesive insulation foam tape, which is made from the same elastomeric material as AEROFLEX Closed Cell Insulation.

Ideal for wrapping hot or cold pipings and fittings. Energy saving and very easy to use. Excellent for preventing condensation problems. Designed specially for retarding heat loss in hot pipings and preventing heat gain or frost formation on cold, chilled water pipings or refrigeration lines.

Adheres firmly to all metals. No problem of mination. AEROTAPE is specially coated with delamination. selected acrylic pressure sensitive adhesive providing long service life.

SPECIFICATION :

Size : 1/8" thick, 2" wide and 30' long per roll (3 mm.x 50 mm.x 9.1 m.) ± 3% (other sizes available upon request.)

PACKING :

One roll of Aerotape wrapped in a plastic bag and packed in one individual box. (10 boxes in one carton)

PHYSICAL PROPERTIES :

Composition :	Closed cell, elastomeric thermal insulation. Same material as AEROFLEX Insu- lation Tubes and Sheets.
Color :	Black
Density :	5±1pounds per cubic feet. (0.06~0.10 g/cm³) ASTM D-1667
Thermal : Conductivity	0.26 BTU. in/ft ² hr. °F at 75 °F (0.04 W/mk at 24 °C) (ASTM C-177)
Water Absorption :	Max. 5% by weight (ASTM D-1056)
Water Vapor : Permeability	0.12 Perm-inch. (ASTM C-355)
Temperature Range :	-20 °F (-29 °C) to + 200 °F (+93 °C)

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THICKNESS TO PREVENT CONDENSATION:

Ambient Temperature	Pipe Temperature		
and Relative Humidily	50 °F (10 °C)	35 °F (2 °C)	
80 °F (27 °C) & 50% RH	Single Layer	50% Overlap	
85 °F (30 °C) & 70% RH	50% Overlap Plus Single Layer	50% Overlap Plus 50% Overlap	



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Eastern Polymer Industry Co., Ltd./Aeroflex International Co., Ltd. Total area 1,000,000 m2 (10.8 million ft2)

EASTERN POLYMER INDUSTRY CO., LTD.

770 MU 6, TEPARAK RD., TEPARAK, SAMUTPRAKARN 10270, THAILAND TEL: +(662) 383 6599 FAX: +(662) 383 6531, 759 5550 E-mail: marketing@aeroflex.co.th http://www.aeroflex.co.th



AEROSEAL[®] Adhesive for bonding <u>AEROFLEX</u>[®] closed cell elastomeric insulation

Description

AEROSEAL is a Modified Neoprene Contact Adhesive specially formulated for bonding Aeroflex Insulating Materials firmly together. Also, ideal for use with other materials like Metal (painted/unpainted), Cork Board, Polyurethane Foam Rigid PVC Sheet, Formica, and Melamine Board and Rubber Sheet.

The high water vapor resistance and good weathering properties of AEROSEAL can prevent water or moisture from penetrating through the joining points.

AEROSEAL is able to form a strong, firm and permanent bonding between the applied materials providing long lasting service.

Application

1. Surfaces of materials to apply should be dry, clean and free from dust, grit, oil, grease or any other loose materials.

2. Stir AEROSEAL well before applying a thin and even coat of AEROSEAL onto both joining surfaces by using a short hair brush, spreader or metal blade.

3. Allow solvents content of AEROSEAL to evaporate until the adhesive becomes dry to touch, but tacky, before joining the materials together normally 5-30 minutes.

4. Bonding is possible within 2 minutes after application if used on absorbent or permeable materials such as, Aeroflex Insulation, cork board and chipboard.

If applied on non-absorbent or nonpermeable materials like rubber or metal, a minimum of 5 minutes should be allowed to elapse before the surfaces can be bonded.

5. Press the surfaces to be bonded together under firm pressure.

Properties

Appearance	Black viscous liquid
Total Solids	22±2%
Viscosity at 25 °C	3500-4500 Cps
Specific Gravity	0.88-0.90
Coverage (apply adhesive both surfaces)	130–180 ft ² /gallon (3–4.5 m ² /liter)

Bond Strength at Open Time 5-15 min Min 1.25 kg/cm²

Storage and Shelf Life

AEROSEAL can be preserved for at least six months in well sealed containers. Recommended storage temperature range from +5°C to +35°C. Avoid keeping AEROSEAL under conditions that are out of the recommended storage temperature range.

Health and Safety

Advisable to work in well ventilated areas to avoid inhalation of vapor from solvents.

The solvents contained in AEROSEAL are inflammable and subjected to legislation regulating their storage and use.

Keep away from fire, and materials which may cause fire such as paper, cloth, plastic etc. AEROSEAL contents flammable liquid but dried material is an self-extinguish adhesive.







Eastern Polymer Industry Co.,Ltd./Aeroflex International Co.,Ltd. Total area 1,000,000 m² (10.8 million ft²)



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EVERSE

FOR ALL KIND OF AIR-CONDITIONER

CORK TAPE

TRY CO.,LTO

PIPE INSULATING

Pipe Insulating Cork Tape

EVERSEAL® Pipe Insulating Cork Tape

APPLICATIONS:

EVERSEAL INSULATION TAPE is specially designed for all types of climate. It insulates cold pipes for all kinds of air conditioners used in cars, homes, freezers and refigurators.

Helps stop condensation problems. Ideal for retarding heat gain in cold pipes and preventing heat loss in hot pipes.

EVERSEAL INSULATION TAPE is an effective sound dampening material, and it can also be used for gasketing purposes

EVERSEAL INSULATION TAPE sticks to all kinds of dry metals. It seals tightly without drying. It is flexible and does not shrink nor melt within the service temperature of $-20 \degree F (-29 \degree C)$ to $+200 \degree F (+93 \degree C)$



PHYSICAL PROPERTIES:

Composition:

Polymer based material containing synthetic rubbers, asphalt and approximately 50% cork by volume. It has a grainy rubber-like consistency and contains no asbestos.

Density:

O.95g./cm³

Color:

Black

Odor:

only slight odor. Can be used without danger of contamination.

Thermal Conductivity: approx.O.6O BTU/hr/ft²/°F/in at 75 °F

Water Vapor Transmission: O.O8 perm-in (ASTM E 96) Water Absorption: less than 0.20% by weight (ASTM D 1056)

Initial Tack : less than 12.5 mm. (ASTM D 3121 ball # 15/32")

Ozone Resistance: Good

Temperature Range:

-20 ° F (-29 ° C) to +200 ° F (+93 ° C)

SPECIFICATION:

Standard size:

1/8" thick, 2" wide and 30' long per roll (3 mm. x 50 mm. x 9.1 m.) ± 3%

Packing:

One roll of Everseal cork tape wrapped in a plastic bag and packed into one individual box. (10 boxes in one carton)

THICKNESS TO PREVENT PIPE CONDENSATION

Ambient	Pipe Temperature				
Temperature & % RH	50°F (10°C)	32°F (O°C)			
77°F (25°C) & 50% RH	Double Layer	Triple Layer			
85°F (29°C) & 70% RH	Double Layer plus Double Layer	Triple Layer Plus Triple Layer			



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IVE ELASTOMERIC FOAM GASKET

PRODUCT COL

NADE IN THAILAND

CONNECTION

Self Adhesive elastomeric foam gasket tape for air-duct flange connection



Self Adhesive elastomeric foam gasket tape for air-duct flange connection



ESCOTAPE is an elastomeric closed

cell self-adhesive foam gasket tape for cooling and heating air-duct joint connections to prevent air leakage, reduce vibration/noise and also serves as thermal insulation to prevent condensation and heat transfer. With acrylic pressure sensitive adhesive, Escotape is easily installed on the surface of the connection joint.



AVERAGE SPECIFICATION :

MATERIAL	:	Closed cell foam		
COLOR	:	Black		
DENSITY	:	3-5 lbs∕ft ³ (0.048-0.080 g/cm ³)		
HARDNESS	:	40-60 shore C2		
WATER ABSORPTION	:	Less than 10 % by weight		
COMPRESSION DEFLECTION	:	6-8 PSI		
TENSILE STRENGTH	:	More than 60 PSI (4.2 kg/cm ²)		
ELONGATION AT BREAK	:	More than 200%		
SERVICE TEMPERATURE	:	-40°F to 220°F (-40°C to 105°C)		
THERMAL CONDUCTIVITY	:	0.35 BTU. in/ft ² h [°] F at 75 [°] F		
		(0.050 W∕mK at 24 [°] C)		
FLAMMABILITY	:	Class HB UL-94		
		B2 DIN 4102		
ADHESIVE TYPE	:	Acrylic Pressure Sensitive Adhesive		
INITIAL TACK	:	3.0 cm (Ball 15/16")		

STANDARD SIZE & PACKING

Code	Description	Packing	Carton
TPEC051510	ESCOTAPE 5 mm x 15 mm x 10 m	32 rolls	26 (H) x 29 x57.5 cm
TPEC052010	ESCOTAPE 5 mm x 20 mm x 10 m	24 rolls	20' = 720 cartons
TPEC053210	ESCOTAPE 5 mm x 32 mm x 10 m	14 rolls	40' = 1,500 cartons
TPEC054010	ESCOTAPE 5 mm x 40 mm x 10 m	12 rolls	

Other size are available upon request.

For more information please contact



EΑ	STERN	POLYMER	INDUSTRY	CO.,LTD.

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Sole agent	,
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Self-adhesive elastomeric tape for extra protection against humidity



Specification:

Specifications	Units	Test Results	. Remark
Material	199.07		EPDM rubber
Color			Black
Thickness	mm	0.6	±0.1 mm.
Adhesion Peel Strength	kg/25mm	> 0.40	Speed 20 mm/min ASTM D 3330
Tensile Strength	N/mm ²	> 2.5	Speed 50 mm/min JIS K6301
Elongation	%	> 50	Speed 50 mm/min JIS K6301
Holding Power	hr	> 3	ASTM D 3654
Initial Tack	cm	< 1.50	ASTM D 3121 Ball # 15/32"
Adhesive			Acrylic pressure sensitive adhesive.

PROTAPE is an EPDM-based self-adhesive tape, specially made for adhering the joints of AEROFLEX tubes and sheets. PROTAPE provides extra holding strength to the joints and serves as a vapor barrier to prevent atmospheric moisture to penetrate the seams. It is flexible, easy to wrap or patch tightly the insulation surfaces.

PROTAPE : Standard sizes and Packing

Code	Size	Rolls/Carton	Carton Size
TPPR 0675025	0.6mm x 75mm x 25m	8	35 (H) x 20 x 38cm
TPPR 0650025	0.6mm x 50mm x 25m	12	
TPPR 0640025	0.6mm x 40mm x 25m	16	
TPPR 0630025	0.6mm x 30mm x 25m	20	
TPPR 0625025	0.6mm x 25mm x 25m	24	



Eastern Polymer Industry Co.,Ltd./Aeroflex International Co.,Ltd. Total area 1,000,000 m² (10.8 million ft²)

Distributor:



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AEROCONDA®

NI I

A FLEXIBLE PIPE HANGER



- Alternate sequence of rigid foam and soft foam makes a unique flexible hanger.
- Fit to any large pipe sizes by knife cut adjustment.
- Users can adjust the size easily at installation sites.
- Unnecessary to keep enormous stock of many sizes.
- Soft closed cell foam hold pipes firmly, eliminating air gap between pipes and hangers.
- Tough rubber outer-layer protects the hanger from metal band.

Standard Packing

code	size	Packing
UAC09030200	9 mm T x 30 cm W x 2 m L	16 Sheets
UAC13030200	13 mm T x 30 cm W x 2 m L	12 Sheets
UAC19030200	19 mm T x 30 cm W x 2 m L	8 Sheets
UAC25030200	25 mm T x 30 cm W x 2 m L	6 Sheets
UAC32030200	32 mm T x 30 cm W x 2 m L	5 Sheets
UAC38030200	38 mm T x 30 cm W x 2 m L	4 Sheets
UAC50030200	50 mm T x 30 cm W x 2 m L	3 Sheets





AEROFLEX INTERNATIONAL CO., LTD, HEAD OFFICE & FACTORY RAYONG THAILAND



AEROFLEX INTERNATIONAL CO., LTD.

770 MU 6, TEPARAK RD., TEPARAK, SAMUTPRAKARN 10270, THAILAND. TEL :+(662) 383 6599 FAX :+(662) 383 6531, 759 5550 E-mail: marketing@aeroflex.co.th http://www.aeroflex.co.th Sole Agent :

RICRC 16102002 ENGLISH GM-REVISED'2004

TM. DOUBLE FACING FLEXIBLE ALUMINIUM AIR DUCT TWO PLY $\star \star \star \star \star \star \star \star \star \star \star$ \bigstar \star

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and Ecen

TWO PLY

MORE DURABLE! Ideal for :

- Heating and Cooling System
- □ All Airconditioning and Ventilating System
- Exhausting System





TWO PLY DOUBLE FACING FLEXIBLE ALUMINIUM AIR DUCT

PRESSURE LOSS DIAGRAM



Eastern Polymer Industry Co.,Ltd./Aeroflex International Co.,Ltd. Total area 1,000,000 m² (10.8 million ft²)

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Sole agent

POLYMERIC RIGID FOAM HANGER WITH FOAM TAPE AND SELF-SEALING TAPE



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ROTAPE

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Hanging and fixing of pipes used in Chilling, freezing and Airconditioning systems.

ACCOPIX is a polymeric rigid foam hanger with a foam tape inner lining, which absorbs vibration of operating pipe lines, The outer-cover consists of a special rubber tape, which seals the hanger completely after installation in order to provent moisture penetration to cold piping. Its strong closed cell structure is ideal for insulating hangers, especially for liquid cooling pipers to prevent condensation and save energy.

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AEROGEL[®] /AEROFLEX **INTERNATIONAL DISTRIBUTION NETWORK**





AEROFLEX INTERNATIONAL CO., LTD. RAYONG, THAILAND. PLANT AREA 50,000 m2 (540,000 ft) - HEAD QUARTERS

AIC's Products are distributed in the following areas :

Israel.

ASIA :

China, Japan, Korea, Taiwan, China, Japan, Korea, Taiwan, Hong Kong, Philippines, Thailand, Malaysia, Indonesia, Brunei, Singapore, Myanmar, Pakistan, Sri Lanka, Banglatesh, Maldives, India, Vietnam, Nepal, Laos, Burma.

MIDDLE EAST :

Kuwait, U.a.e., Qatar, Oman, Bahrain, Jordan, Saudi Arabia, Egypt, Iran, Syria, Lebanon,

AUSTRALIA & OCEANIA : Australia, New Zealand, Fiji, Papua New Guinea, Noumea.

AFRICA :

Mauritius, Tanzania, South Africa, Ghana, Ethiopia, Nigeria, Kenya, Swaziland, Uganda.

EUROPE :

Finland, Sweden, Norway, Finland, Sweden, Norway, Denmark,Germany, France, Benelux, Poland, Switzerland, Bulgaria, Portugal, Hungary, Turkey, Cyprus, Slovakia, Croatia, Lithuania, Latvia, Russia, Spain, Czech Republic, Greece, U.K., Austria, Malta. NORTH AMERICA : U.S.A., CANADA.

CENTRAL AND SOUTH AMERICA :

Peru, Chili, Argentina, Cubu, Dominican Republic, Panama, Trinidad, Uruguay, Venezuela.



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Eastern Polymer Industry Co.,Ltd./Aeroflex International Co.,Ltd. Total area $1,000,000m^2$ (10.8 million ft²)

AEROFIX ENGLISH CM-REPRINT MAR 2009

AEROFLANGE The ideal solution for square duct connections

Self-adhesive flange covers made of AEROFLEX insulation material.



Advantages:

- Clean and time saving installation
- The same excellent insulation properties as AEROFLEX
- Professional look and neat appearance

The ideal solution for square duct connections

Self-adhesive flange covers made of AEROFLEX insulation material.

AEROFLANGE makes duct insulation work look more professional.

Besides this, **AEROFLANGE** provides ducting work with complete thermal insulation.

AEROFLANGE is made of the same material as **AEROFLEX** and features the same excellent physical and technical insulation properties.

AEROFLANGE- The ideal all- in- one solution for square ducts:

- Clean and fast installation
- Complete thermal insulation
- Professional and neat appearance

AEROFLANGE standard sizes and packaging



No more gluing and patching around the flanges of square ducts!

Code	Description	pcs./ctn.
DFC09/35-SA	AEROFLANGE 9 mm wall X 2 m long	64 pieces
DFC13/35-SA	AEROFLANGE 13 mm wall X 2 m long	48 pieces
DFC19/35-SA	AEROFLANGE 19 mm wall X 2 m long	36 pieces

Note : • This series is for 35 mm high flanges. Other sizes are available upon request.

carton size : 23 cm H x 45cm W x 207 cm L (Standard AEROFLEX tube carton)



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Distributor :



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Closed Cell Elastomeric Thermal Insulation for HVAC Air Duct Systems

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AEROFLEX-DI Specification

Physical Properties	AEROFLEX-DI	Test Method
Material	NBR	
Density	40-80 Kg/m ³	ASTM D 1667
Cell Structure	Closed Cell	
Thermal Conductivity (K.value) (W/mK) at 24°C	≤ 0.038 W/mK	ASTM C 177
Service Temperature	-20°C to 105°C	- 10.0
Water Vapor Permeability	≤ 0.10 perm-in	ASTM E 96
Water Absorption	\leq 10% by weight	ASTM D 1056
Heat Stability (% shrinkage) at 200°F (93°C) 7 days	≤7%	ASTM C 534
	V-O	UL-94
Flammability	Self Extinguishing	ASTM D 635
	B1	GB 8624
Tear Strength	≥ 3.0 N/cm	ASTM D 624
Flexibility	Excellent	<u> </u>



EASTERN POLYMER INDUSTRY CO., LTD.

INTERNATIONAL SALES OFFICE : 770 MU 6, TEPARAK RD., TEPARAK, SAMUTPRAKARN 10270, THAILAND. TEL : +(66)0 2383 6599 FAX : +(66)0 2383 6531, 0 2759 5550 HOMEPAGE : www.aeroflex.co.th EMAIL : marketing@aeroflex.co.th **AEROFLEX-DI** is a fully flexible, closed cell, light weight nitrile elastomeric thermal insulation designed for insulating hot and cold air duct systems. Its excellent insulating properties help save energy and prevent condensation problems.

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

- Water vapor resistant without additional vapor barrier.
- Low and stable thermal conductivity (K. value) during service life due to its closed cell structure.
- Excellent flexibility makes installation work easy and neat.
- Non fibrous insulation; does not cause skin irritation or any other health hazards.
- Mold & mildew resistant.

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

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

Product Code	Thickness (mm)	Width (m)	Length (m)	Area/Roll (m²)
DIMSR06	6	1.0	22	22
DIMSR09	9	1.0	15	15
DIMSR13	13	1.0	11	11
DIMSR16	16	1.0	10	10
DIMSR19	19	1.0	7	7
DIMSR25	25	1.0	5	5

Note : Standard sheet 4' x 3' also available

Distributor :



TM. EROPA

ANTI-VIBRATION RUBBER PAD FOR CONDENSING UNIT

AEROPAD anti-vibration Rubber pad will

- Reduce noise of machines
- Reduce vibration to the floor
- Good weather resistance
- Not absorb water



Stand outdoor applications

- Be available in 1 meter length for universal use
- Be available in small pieces with a hole for bolts

AEROPAD			
Code	Size	Pcs./ carton	size
AP1010100	10 mm x 10 cm x 1 m	20 pcs.	12(H) x 22 x 102 cm
AP1510100	15 mm x 10 cm x 1 m	12 pcs.	
AP101010H	10 mm x 10 cm x 10 cm hole	100 pcs.	
AP100510H	10 mm x 10 cm x 5 cm hole	400 pcs.	
AP100505H	10 mm x 5 cm x 5 cm hole	800 pcs.	

SPECIFITIONS

			Test	Teet	
Physical Properties	Unit	Value	condition	method	
Hardness	HS-A	60	JIS A	JIS K6301	
Tensile Strength	Kg f /cm ²	300			
Elongation	%	400			
Aging test			100°C x 70 hr		
Hardness	HS-A	+7			
Tear Strength	%	-12			
Elongation	%	-30			
Tear Strength	Kg f /cm	20			
Compression Set	%	12	70°C x 22 hr		



AEROFLEX INTERNATIONAL CO., LTD, HEAD OFFICE & FACTORY RAYONG THAILAND



AEROFLEX INTERNATIONAL CO., LTD.

770 MU 6, TEPARAK RD., TEPARAK, SAMUTPRAKARN 10270, THAILAND. TEL :+(662) 383 6599 FAX :+(662) 383 6531, 759 5550 E-mail: marketing@aeroflex.co.th http://www.aeroflex.co.th

	Agent :
-	

ANTI-VIERATION PAD FOR AIR CONDITIONER

AEROSTAND"



AEROSTAND Rubber Load Supporter for Air-Condensing Unit

AEROSTAND, made from natural rubber blended with EPDM synthetic rubber, is a load supporter especially designed for air-condensing units. This stand possesses both high compressive strength and good weathering resistance.

AEROSTAND can withstand loads of up to 60 kgs. per piece. Easy to install with bolt & nut prefixed.

Very effective in reducing vibration and noise level. Reduced vibration helps prolong service life of the air-condensing unit

TM

SPECIFICATION:

MATERIAL	:	NR/EPDM Blended Rubber
COLOR	:	Black
TENSILE STRENGTH	:	Minimum 6.5 Mpa
ELONGATION	:	Minimum 250%
HARDNESS	:	70 ± 5 Shore A
COMPRESSION STRENGTH AT 10% DEFLECTION	:	Minimum 0.75 n/mm ²
MAXIMUM COMPRESSION STRENGTH	:	Minimum 5.0 N/mm ²
TEAR STRENGTH	;	Minimum 15 kgf/cm

SIZE AVAILABLE :

Product Code	Height	Packing	Carton Size
AS 075	75 MM(3")	18 Set/Carton	32.5 x 38.5 x 23

Remark : 1Set Consists of 4 Pieces, Vacuum packed 18 Sets per Carton

Manufactured by :

	Distributor :	
EASTERN POLYMER INDUSTRY CO., LTD.		
770 MU 6, TEPARAK RD., TEPARAK, SAMUTPRAKARN 10270, THAILAND TEL: +(662) 383 6599 FAX: +(662) 383 6531, 759 5550 E-mail: marketing@aeroflex.co.th http://www.aeroflex.co.th		
		YONG CHIANG



Self-Adhesive Aluminium Foil Tape



ALUTAPE is a specially formulated solvent base* pressure sensitive acrylic adhesive aluminium foil tape. Excellent for use as vapor sealing of fiberglass ductboards and sheet metal ducts. Ideal for use as masking material or for sealing purposes on any dry clean surfaces.

SPECIFICATIONS**:

Aluminium Foil Thickness	35 microns**
Acrylic Adhesive Thickness	35 microns***
Silicone Coated Paper Thickness	80 microns
Adhesion Strength	800-1000 gm/ 1 inch
Tensile Strength	6-9 kgs/mm²
Elongation	5%
Width	Available in 2",
	2 - 1/2", 3" and
	other sizes
Length	Standard in 50
	and 33 Yards on
	3 inches core

PACKING (50 YARDS)

Size		Packing	Carton size
Width (inch)	Length (Yard)	Roll/Carton	(cm)
2	50	24	30 x 30 x 33
2 1/2	50	20	30 x 30 x 33
3	50	16	30 x 30 x 33

PACKING (33 YARDS)

Sole agent

Size		Packing	Carton size
Width (inch)	Length (Yard)	Roll/Carton	(cm)
2	33	24	25 x 25 x 33
2 1/2	33	20	25 x 25 x 33
3	33	16	25 x 25 x 33

* Also avialable in emulsion base pressure sensitive adhesive (ALUTAPE[®]-E)

** Average specification
*** Other thickness also avaliable



Eastern Polymer Industry Co.,Ltd./Aeroflex International Co.,Ltd. Total area 1,000,000 m² (10.8 million fť)

EASTERN POLYMER INDUSTRY CO., LTD.

770 MU 6, TEPARAK RD., TEPARAK, SAMUTPRAKARN 10270, THAILAND TEL: +(662) 383 6599 FAX: +(662) 383 6531, 759 5550 E-mail: marketing@aeroflex.co.th http://www.aeroflex.co.th



The physical or chemical properties of Aeroflex Closed Cell Insulation represent typical average values obtained in accordance with accepted test methods. However, Eastern Polymer Industry Co.,Ltd. /Aeroflex Co.,Ltd. has no control over the end applications of these materials particularly when used with or attached to other products and in different environment. Therefore, the same results as described herein may not be obtained. It is recommended that end user consult the manufacturer or appointed distributors for more information, otherwise, make his own tests to determine adaptability of material for his particular application. Due to continuous development of the products, some properties are subjected to change without notice.