

# AEROFIX™

POLYMERIC RIGID FOAM PIPE HANGER WITH SELF-SEALING TAPE

POLYMERIC RIGID FOAM  
PIPE HANGER WITH FOAM  
TAPE AS ANTI-VIBRATION  
AND SELF-ADHESIVE PROTAPE



Hanging and fixing of pipes used in Chilling, freezing and Air-conditioning systems.

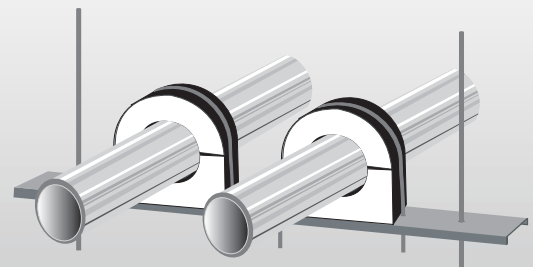
- Easy to handle one-piece unit
- With self-adhesive tape for fast installation
- Easy and quick (installation)
- Sizes correspond to tube sizes of **AEROFLEX®**



# AEROFIX - STAND™

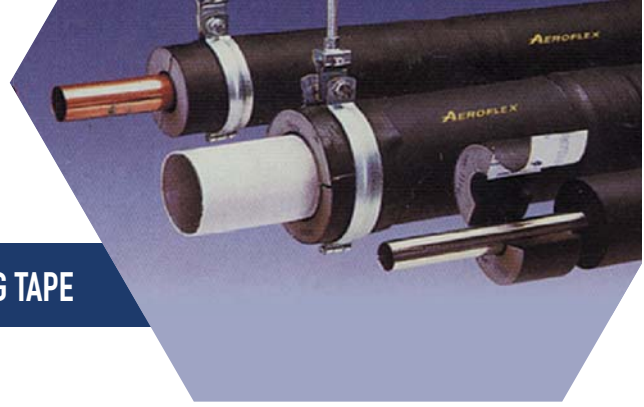
POLYMERIC RIGID FOAM PIPE SUPPORTER WITH SELF-SEALING TAPE

POLYMERIC RIGID FOAM  
PIPE SUPPORTER WITH FOAM  
TAPE AS ANTI-VIBRATION  
AND SELF-ADHESIVE PROTAPE



- Easy to handle one-piece unit
- With self-adhesive tape for easy and quick installation
- Sizes correspond to **AEROFLEX®** tube insulation

# AEROFIX™



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

**AEROFIX™** is Polymeric rigid foam hanger with foam tape and self-sealing tape designed for supporting and insulating liquid cooling and heating lines at hanging point. Its closed cell, rigid structure AEROFIX make ideal for use as rigid foam hanger especially for liquid cooling lines to prevent condensation and saving energy.

**AEROFIX™** made from polyether polyols based materials in combination with flame retardants by high pressure processing machine and molded in individual patterns. The polymeric rigid foam character is evident in that the foam is not fusible, has high softening point and exhibits good resistance to chemicals and solvents.

**AEROFIX™** has skins both inner and outer surface and lining with rubber foam on the inner surface to absorb vibration of operating pipeline. The outer surface consists of rubber tape which seals the hanger completely after installation in addition to prevent moisture penetration to cold pipeline.

### SPECIFICATIONS

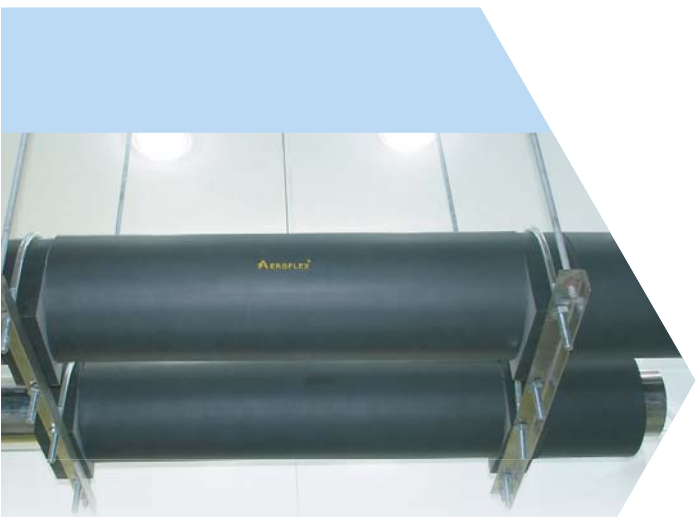
PHYSICAL PROPERTIES	Dia < 4"	Dia 4" - 9"	Dia ≥ 10"	TEST METHOD
Density (kg/m <sup>3</sup> )	120 - 140	220 - 280	260 - 320	ASTM D 1622
Thermal Conductivity (W/mK at 24°C)	≤ 0.035	≤ 0.040	≤ 0.045	ASTM C 518
Water Absorption (% by weight)	< 10	< 10	< 10	ASTM D 1056
Compression Strength at Yield (kgf/cm <sup>2</sup> )	> 10	> 20	> 30	ASTM D 1621
Flammability	Self-Extinguishing HB			ASTM D 635 UL 94-HB
Temperature Range	-57°C to +125°C			Can be used even at -200°C

# AEROFIX - STAND™

## POLYMERIC RIGID FOAM SUPPORTER WITH FOAM TAPE AND SELF-SEALING TAPE

**AEROFIX - STAND™** is polymeric rigid foam with foam tape and self-sealing tape designed for supporting and insulating liquid cooling and heating lines at pipe load point. Its closed cell structure prevents condensation and saves energy on chilled water pipe.

**AEROFIX - STAND™** is made from polyether polyols base with flame retardants, mixed and molded under high pressure process. Aerofix-Stand has rubber foam lining on the inner surface which absorbs vibration of operating pipeline. The outer surface consists of rubber tape which seals the seam completely to prevent moisture penetration after installation.



### SPECIFICATIONS

PHYSICAL PROPERTIES	Dia < 4"	Dia 4" - 9"	Dia ≥ 10"	TEST METHOD
Density (kg/m <sup>3</sup> )	120 - 140	220 - 280	260 - 320	ASTM D 1622
Thermal Conductivity at mean temp. 24°C (W/mK)	≤ 0.035	≤ 0.040	≤ 0.045	ASTM C 518
Water Absorption (% by weight)	< 10	< 10	< 10	ASTM D 1056
Compression Strength at Yield, kgf/cm <sup>2</sup> (k Pa)	> 10 (> 1000)	> 20 (> 2000)	> 30 (> 3000)	ASTM D 1621
Flammability	Self-Extinguishing HB			ASTM D 635 UL 94-HB
Temperature Range	-57°C to +125°C			Can be used even at -200°C



# Install Step Easy 1-2-3



STEP 1

**AEROFLEX**  
closed cell elastomeric thermal insulation

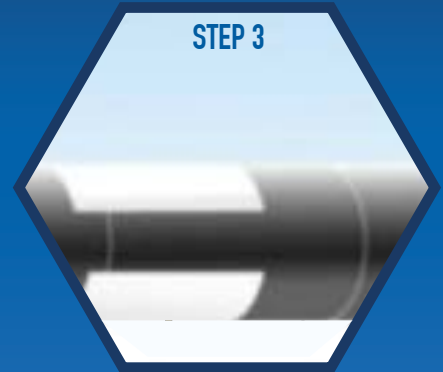
insulation slides over pipes.



STEP 2

**AEROFLEX**  
closed cell elastomeric thermal insulation

pipe-hanger inserts are put into place and glued to insulation.



STEP 3

**AEROFLEX**  
closed cell elastomeric thermal insulation

Joints are wrapped and sealed with PROTAPE.

## PROJECT REFERENCE



ABB Company, France



ETH University of Zurich, Switzerland



CENTRAL Department store, Thailand



EmQuartier Bangkok, Thailand



Chamchuri square Bangkok, Thailand



MRTA 18 Station Bangkok, Thailand



Marriott Resort & Spa Rayong, Thailand



AIRPORT RAIL LINK Bangkok, Thailand



Super Brand Mall Shanghai, China

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