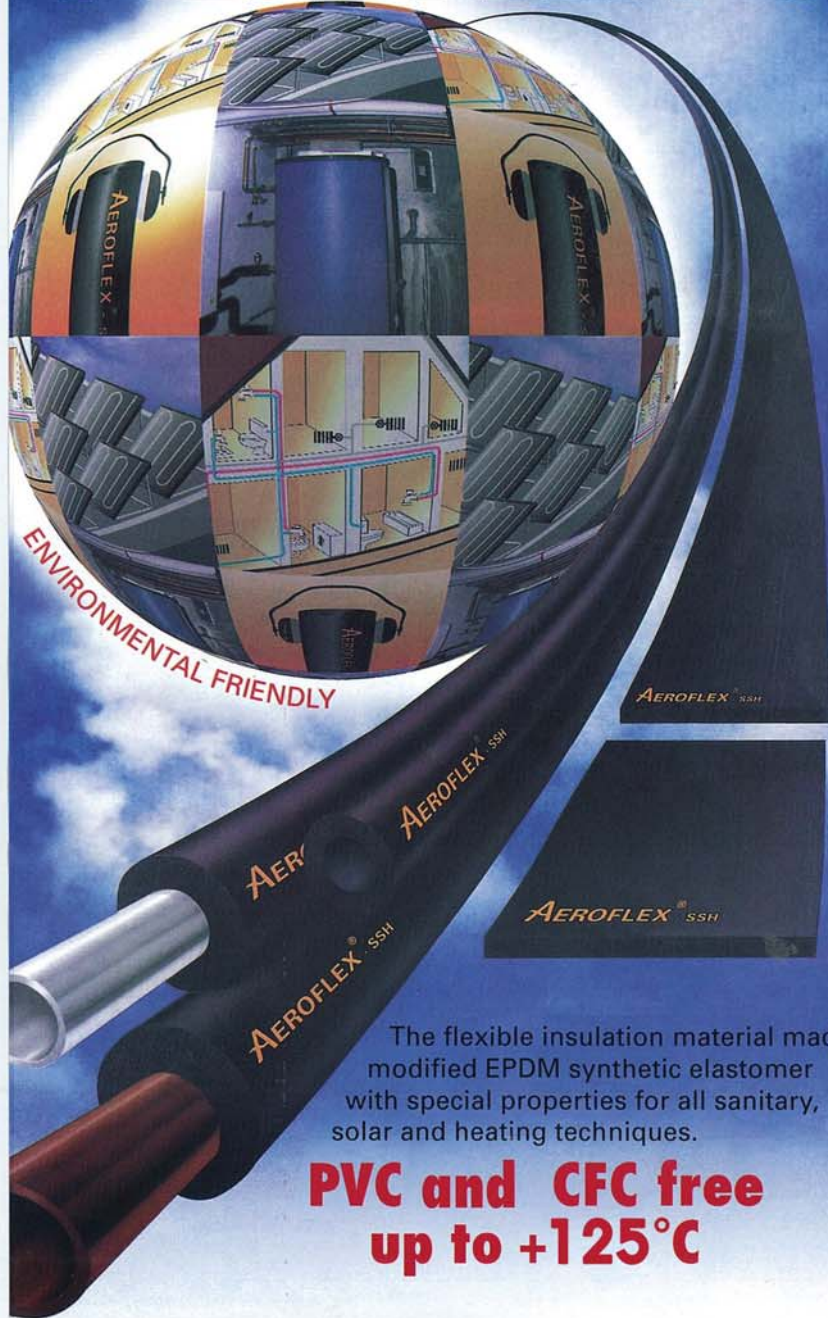


AEROFLEX[®] - SSH



The flexible insulation material made of modified EPDM synthetic elastomer with special properties for all sanitary, solar and heating techniques.

**PVC and CFC free
up to +125°C**

AEROFLEX[®] - SSH Accessories



AEROFLEX CO., LTD (Total area 100,000 m²)

AFC AEROFLEX CO., LTD.

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10 Important Properties and Advantages

- high quality synthetic elastomer (EPDM based) with complete closed-cell structure
- excellent UV resistance.
- CFC-free and PVC-free product.
- high weather and ozone resistance.
- up to 125°C (257°F) operating temperature.
- remains flexible in -40°C conditions.
- lambda value (λ_R) 0.040 at +40°C
- self-extinguishing, no fireball drops, limited flame spread.
- no copper and stainless steel corrosion (DIN 1988/part 7.)

Aeroflex-SSH is a new, flexible high-temperature insulation material which is applicable in the fields of sanitary, solar and heating. Aeroflex-SSH has excellent UV and weather resistant properties.

Aeroflex-SSH is CFC and PVC free. Aeroflex-SSH remains flexible at temperature as low as -40°C.

This property is important to make installation work fast and easy. This fact is an advantage that most users should not overlook.

Aeroflex-SSH is self-extinguishing, does not release fireball drops and does not spread fire.

The inner surface of Aeroflex-SSH tube is covered by talc powder which makes the installation work much easier.

Aeroflex-SSH is also available with slit lengthwise together with self-adhesive tape and protape.

Short description : Flexible closed-cell elastomeric thermal insulation

Material : EPDM-based synthetic elastomer.

Application : Insulation of pipelines in the fields of sanitary. (tap water), heating and solar heating systems.

| Properties | Evaluation | Tests | Inspection | Remarks |
|--|---|-------------|----------------|---|
| temperatures tubes : Sheets : | up to + 125°C up to + 125°C | | | Aeroflex is especially suitable for sanitary, heating and solar heating use. For temperatures above +125°C ask for our technical information. |
| thermal conductivity | 0.040 W (m-k) at 40°C | G.2-067 | FIWa/97-Munich | test according to DIN 52613 |
| Flammability : actual burning behaviour: | DIN 4102-B2 self-extinguishing, no fireball drops, limited fire spreading | H 025/96 | FIW-Munich | test acc. to DIN 4102-B2 UL-94 VO |
| noise protection DIN 4109 | acoustic level reduction to 28dB (A) | P-BA 269/95 | | DIN 52 218 |

All information and technical data is based on results which were obtained under typical working conditions. The recipient of this information is responsible for checking with us whether the data applies to the proposed use.

AEROFLEX-SSH size list

| Pipe Size mm | Tube 6 mm | Packing Pc/Ctn | Tube 9 mm | Packing Pc/Ctn | Tube 13 mm | Packing Pc/Ctn | Tube 19 mm | Packing Pc/Ctn | Tube 25 mm | Packing Pc/Ctn | Tube 32 mm | Packing Pc/Ctn | SHEET 0.5 x 2 m | Qty/ctn M ² |
|--------------|-----------|----------------|-----------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|-----------------|------------------------|
| 6 | H 06006 | 180 | H 09006 | 132 | H 13006 | 80 | H 19006 | 32 | H 25006 | 24 | | | H MS1-06 | 24 |
| 10 | H 06010 | 140 | H 09010 | 100 | H 13010 | 70 | H 19010 | 32 | H 25010 | 24 | | | H MS1-09 | 18 |
| 13 | H 06013 | 110 | H 09013 | 84 | H 13013 | 60 | H 19013 | 32 | H 25013 | 20 | | | H MS1-13 | 12 |
| 16 | H 06016 | 80 | H 09016 | 70 | H 13016 | 50 | H 19016 | 28 | H 25016 | 18 | H 32016 | 14 | H MS1-16 | 10 |
| 19 | H 06019 | 70 | H 09019 | 60 | H 13019 | 40 | H 19019 | 24 | H 25019 | 18 | H 32019 | 12 | H MS1-19 | 8 |
| 22 | H 06022 | 70 | H 09022 | 50 | H 13022 | 32 | H 19022 | 20 | H 25022 | 16 | H 32022 | 12 | H MS1-25 | 6 |
| 25 | H 06025 | 60 | H 09025 | 44 | H 13025 | 30 | H 19025 | 18 | H 25025 | 12 | H 32025 | 10 | H MS1-32 | 5 |
| 27 | H 06027 | 60 | H 09027 | 44 | H 13027 | 30 | H 19027 | 18 | H 25027 | 12 | H 32027 | 10 | | |
| 28 | H 06028 | 50 | H 09028 | 40 | H 13028 | 28 | H 19028 | 18 | H 25028 | 12 | H 32028 | 8 | | |
| 32 | H 06032 | 40 | H 09032 | 34 | H 13032 | 24 | H 19032 | 18 | H 25032 | 12 | H 32032 | 8 | | |
| 35 | H 06035 | 40 | H 09035 | 30 | H 13035 | 20 | H 19035 | 16 | H 25035 | 10 | H 32035 | 8 | | |
| 38 | H 06038 | 32 | H 09038 | 30 | H 13038 | 18 | H 19038 | 12 | H 25038 | 10 | H 32038 | 8 | | |
| 42 | H 06042 | 30 | H 09042 | 28 | H 13042 | 18 | H 19042 | 12 | H 25042 | 8 | H 32042 | 8 | | |
| 45 | H 06045 | 28 | H 09045 | 24 | H 13045 | 18 | H 19045 | 10 | H 25045 | 8 | H 32045 | 8 | | |
| 48 | H 06048 | 24 | H 09048 | 20 | H 13048 | 16 | H 19048 | 10 | H 25048 | 8 | H 32048 | 6 | | |
| 51 | | | H 09051 | 18 | H 13051 | 14 | H 19051 | 8 | H 25051 | 8 | H 32051 | 6 | | |
| 54 | | | H 09054 | 18 | H 13054 | 14 | H 19054 | 8 | H 25054 | 8 | H 32054 | 6 | | |
| 57 | | | H 09057 | 18 | H 13057 | 14 | H 19057 | 8 | H 25057 | 8 | H 32057 | 6 | | |
| 60 | | | H 09060 | 18 | H 13060 | 12 | H 19060 | 8 | H 25060 | 6 | H 32060 | 4 | | |
| 64 | | | H 09064 | 16 | H 13064 | 10 | H 19064 | 8 | H 25064 | 6 | H 32064 | 4 | | |
| 67 | | | H 09067 | 14 | H 13067 | 10 | H 19067 | 8 | H 25067 | 6 | H 32067 | 4 | | |
| 73 | | | H 09073 | 10 | H 13073 | 10 | H 19073 | 6 | H 25073 | 6 | H 32073 | 4 | | |
| 76 | | | H 09076 | 10 | H 13076 | 8 | H 19076 | 6 | H 25076 | 6 | H 32076 | 4 | | |
| 80 | | | H 09080 | 10 | H 13080 | 8 | H 19080 | 6 | H 25080 | 6 | H 32080 | 4 | | |
| 83 | | | H 09083 | 10 | H 13083 | 8 | H 19083 | 6 | H 25083 | 6 | H 32083 | 4 | | |
| 90 | | | H 09090 | 8 | H 13090 | 8 | H 19090 | 6 | H 25090 | 4 | H 32090 | 4 | | |
| 92 | | | H 09092 | 8 | H 13092 | 8 | H 19092 | 6 | H 25092 | 4 | H 32092 | 4 | | |
| 98 | | | H 09098 | 8 | H 13098 | 8 | H 19098 | 4 | H 25098 | 4 | H 32098 | 2 | | |
| 102 | | | H 09102 | 8 | H 13102 | 8 | H 19102 | 4 | H 25102 | 4 | H 32102 | 2 | | |
| 105 | | | H 09105 | 6 | H 13105 | 6 | H 19105 | 4 | H 25105 | 4 | H 32105 | 2 | | |
| 109 | | | H 09109 | 6 | H 13109 | 6 | H 19109 | 4 | H 25109 | 4 | H 32109 | 2 | | |
| 115 | | | H 09115 | 6 | H 13115 | 6 | H 19115 | 4 | H 25115 | 4 | H 32115 | 2 | | |



Note :
Standard length for tubes : 2 m.
Sheet size : 0.5 m. x 2 m. (1 M²)
Tolerance for tubes and sheets : +-1.5 % in length.

