



# AEROFLEX®

(ht) coil

|                                                             |                                                                                                                                                                       |                                                              |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| <b>MATERIAL</b>                                             | AEROFLEX® (ht) coil is a highly flexible insulation made from black, closed-cell EPDM supplied as a continuous tube on a roll for demanding temperature applications. |                                                              |
| <b>THERMAL CONDUCTIVITY<br/>(EN ISO 8497)</b>               | 0,036 W/mK at 0 °C<br>0,037 W/mK at 10 °C<br>0,038 W/mK at 40 °C                                                                                                      |                                                              |
| <b>TEMPERATURE RANGE<br/>(EN 14707)</b>                     | -50 °C to 150 °C (continuous operation – Peak usage up to 175 °C) Flexible down to -50 °C, but can be used up to -200 °C                                              |                                                              |
| <b>FIRE PERFORMANCE<br/>(EN 13501-1)</b>                    | C <sub>1</sub> -s2,d0                                                                                                                                                 |                                                              |
| <b>WATER VAPOUR<br/>DIFFUSION RESISTANCE<br/>(EN 13469)</b> | ≥ 3.000 μ                                                                                                                                                             |                                                              |
| <b>APPLICATION AREA</b>                                     | Thermal solar module<br>Industry<br>Air conditioning<br>Shipbuilding                                                                                                  | High temperatures<br>Heating and plumbing<br>Cooling systems |

## ADVANTAGES

- High temperature resistance for applications exposed to continuously elevated or fluctuating temperatures.
- Excellent resistance to UV radiation, ozone and weathering for long-term indoor and outdoor use.
- Closed-cell material structure that limits moisture absorption and helps reduce condensation formation.
- UL certified.
- Marine approval for use in maritime applications.
- Continuous tube format for flexible length adjustment according to project requirements.
- Reduced material waste through precise cutting.
- Fewer bonded joints for more efficient installation and a clean insulation finish.

See website for Declaration of performance: [www.nmc-insulation.com](http://www.nmc-insulation.com)

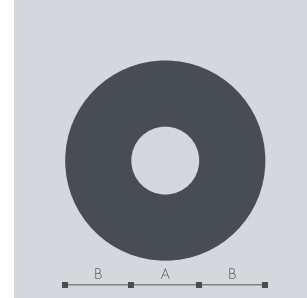


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# PRODUCT RANGE

**AEROFLEX®** | (ht) coil



|         | Copper CU |               | Steel FE |                       |     | Synthetics<br>MSV & PEX |         |         |               |
|---------|-----------|---------------|----------|-----------------------|-----|-------------------------|---------|---------|---------------|
| Type    | NW<br>DN  | Outer Ø<br>mm | NW<br>DN | Outer Ø<br>mm    inch |     | Outer Ø<br>mm           | A<br>mm | B<br>mm | Pkg unit<br>m |
| 6 x 6   | 4         | 6             | -        | -                     | -   | -                       | 6       | 6       | 108           |
| 8 x 6   | -         | 8             | -        | -                     | -   | -                       | 8       | 6       | 98            |
| 10 x 6  | 8         | 10            | 6        | 10,2                  | 1/8 | -                       | 10      | 6       | 87            |
| 12 x 6  | 10        | 12            | -        | -                     | -   | -                       | 12      | 6       | 67            |
| 15 x 6  | 10        | 15            | 8        | 13,5                  | 1/4 | -                       | 15      | 6       | 60            |
| 18 x 6  | 15        | 18            | 10       | 17,2                  | 3/8 | 16                      | 18      | 6       | 45            |
| 22 x 6  | 20        | 22            | 15       | 21,3                  | 1/2 | 20                      | 22      | 6       | 37            |
| 28 x 6  | 25        | 28            | 20       | 26,9                  | 3/4 | 28                      | 28      | 6       | 34            |
| 6 x 9   | 4         | 6             | -        | -                     | -   | -                       | 6       | 9       | 76            |
| 8 x 9   | -         | 8             | -        | -                     | -   | -                       | 8       | 9       | 61            |
| 10 x 9  | 8         | 10            | 6        | 10,2                  | 1/8 | -                       | 10      | 9       | 61            |
| 12 x 9  | 10        | 12            | -        | -                     | -   | -                       | 12      | 9       | 43            |
| 15 x 9  | 10        | 15            | 8        | 13,5                  | 1/4 | -                       | 15      | 9       | 36            |
| 18 x 9  | 15        | 18            | 10       | 17,2                  | 3/8 | 16                      | 18      | 9       | 33            |
| 22 x 9  | 20        | 22            | 15       | 21,3                  | 1/2 | 20                      | 22      | 9       | 29            |
| 28 x 9  | 25        | 28            | 20       | 26,9                  | 3/4 | 25                      | 28      | 9       | 19            |
| 35 x 9  | 32        | 35            | 25       | 33,7                  | 1   | 32                      | 35      | 9       | 11            |
| 6 x 13  | 4         | 6             | -        | -                     | -   | -                       | 6       | 13      | 40            |
| 8 x 13  | -         | 8             | -        | -                     | -   | -                       | 8       | 13      | 35            |
| 10 x 13 | 8         | 10            | 6        | 10,2                  | 1/8 | -                       | 10      | 13      | 32            |
| 12 x 13 | 10        | 12            | -        | -                     | -   | -                       | 12      | 13      | 32            |
| 15 x 13 | 10        | 15            | 8        | 13,5                  | 1/4 | -                       | 15      | 13      | 30            |
| 18 x 13 | 15        | 18            | 10       | 17,2                  | 3/8 | 16                      | 18      | 13      | 30            |
| 22 x 13 | 20        | 22            | 15       | 21,3                  | 1/2 | 20                      | 22      | 13      | 22            |
| 28 x 13 | 25        | 28            | 20       | 26,9                  | 3/4 | 25                      | 28      | 13      | 16            |
| 35 x 13 | 32        | 35            | 25       | 33,7                  | 1   | 32                      | 35      | 13      | 11            |
| 6 x 19  | 4         | 6             | -        | -                     | -   | -                       | 6       | 19      | 30            |
| 8 x 19  | -         | 8             | -        | -                     | -   | -                       | 8       | 19      | 24            |
| 10 x 19 | 8         | 10            | 6        | 10,2                  | 1/8 | -                       | 10      | 19      | 22            |
| 12 x 19 | 10        | 12            | -        | -                     | -   | -                       | 12      | 19      | 20            |
| 15 x 19 | 10        | 15            | 8        | 13,5                  | 1/4 | -                       | 15      | 19      | 16            |
| 18 x 19 | 15        | 18            | 10       | 17,2                  | 3/8 | 16                      | 18      | 19      | 13            |
| 22 x 19 | 20        | 22            | 15       | 21,3                  | 1/2 | 20                      | 22      | 19      | 11            |
| 28 x 19 | 25        | 28            | 20       | 26,9                  | 3/4 | 25                      | 28      | 19      | 10            |
| 35 x 19 | 32        | 35            | 25       | 33,7                  | 1   | 32                      | 35      | 19      | 8             |