

# INSUL-TUBE®

cover silver

|   |  |   |
|---|--|---|
| <b>MATERIAL</b>   | INSUL-TUBE® cover silver is a flexible insulating material made of closed-cell foam based on rubber, pre-coated with a synthetic-aluminium laminated foil. |   |
| <b>LENGTH</b>   | 1 m  |   |
| <b>THERMAL CONDUCTIVITY<br/>(EN ISO 8497)</b>               | 13-25 mm<br>0,033 W/mK at -30 °C<br>0,034 W/mK at 0 °C<br>0,038 W/mK at 40 °C<br>0,041 W/mK at 70 °C   | 32 mm<br>0,031 W/mK at -30 °C<br>0,035 W/mK at 0 °C<br>0,040 W/mK at 40 °C<br>0,043 W/mK at 70 °C |
| <b>TEMPERATURE RANGE<br/>(EN 14707)</b>                     | -30 °C to +100 °C  |   |
| <b>TEMPERATURE RESISTANCE<br/>FOR JACKETING</b>             | -25 °C up to 75 °C   |   |
| <b>FIRE PERFORMANCE<br/>(EN 13501-1)</b>                    | D <sub>s</sub> 3d0   |   |
| <b>WATER VAPOUR<br/>DIFFUSION RESISTANCE<br/>(EN 13469)</b> | ≤ 25 mm: 10.000 μ<br>≥ 32 mm: 7.000 μ  |   |
| <b>APPLICATION AREA</b>                                     | Air conditioning<br>Cooling systems  |   |

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



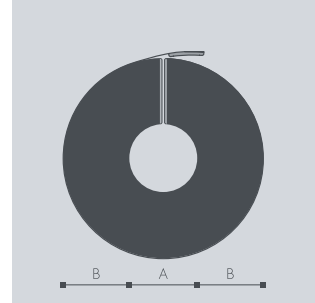
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### ADVANTAGES

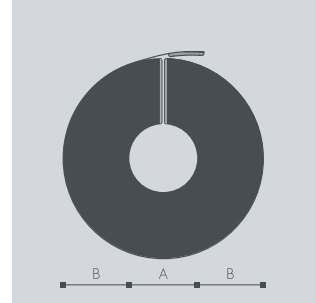
- Due to the very good thermal insulation properties, the energy input for the operation of air-conditioning and refrigeration systems as well as sanitary and heating installations can be significantly reduced
- Improvement of the economic and ecological efficiency of the entire unit
- Prevention of condensation
- Time and cost savings at the installation due to pre-coated insulation
- Long-term protection against condensation and energy loss
- Protecting against mechanical impacts
- Excellent UV-resistant
- Weatherproof
- Aesthetic surface in metallic which is suitable for both indoor and outdoor applications and is easy to clean

| Type    | Copper CU |               | Steel FE |               |                 | Synthetics<br>MSV & PEX | A<br>mm | B<br>mm | Pkg unit<br>m |
|---------|-----------|---------------|----------|---------------|-----------------|-------------------------|---------|---------|---------------|
|         | NW<br>DN  | Outer Ø<br>mm | NW<br>DN | Outer Ø<br>mm | Outer Ø<br>inch | Outer Ø<br>mm           |         |         |               |
| 15 x 13 | 10        | 15            | 8        | 13,5          | 1/4             | -                       | 15      | 13      | 73            |
| 18 x 13 | 15        | 18            | 10       | 17,2          | 3/8             | 16                      | 18      | 13      | 62            |
| 22 x 13 | 20        | 22            | 15       | 21,3          | 1/2             | 20                      | 22      | 13      | 58            |
| 28 x 13 | 25        | 28            | 20       | 26,9          | 3/4             | 25                      | 28      | 13      | 43            |
| 35 x 13 | 32        | 35            | 25       | 33,7          | 1               | 32                      | 35      | 13      | 31            |
| 42 x 13 | 40        | 42            | 32       | 42,4          | 1 1/4           | 40                      | 42      | 13      | 27            |
| 48 x 13 | -         | -             | 40       | 48,3          | 1 1/2           | -                       | 48      | 13      | 21            |
| 54 x 13 | 50        | 54            | -        | 54            | -               | 50                      | 54      | 13      | 20            |
| 60 x 13 | -         | -             | 50       | 60,3          | 2               | -                       | 60      | 13      | 18            |
| 64 x 13 | -         | 64            | -        | 63,5          | -               | 63                      | 64      | 13      | 18            |
| 76 x 13 | 65        | 76,1          | 65       | 76,1          | 2 1/2           | -                       | 76      | 13      | 12            |
| 89 x 13 | 80        | 88,9          | 80       | 88,9          | 3               | -                       | 89      | 13      | 12            |

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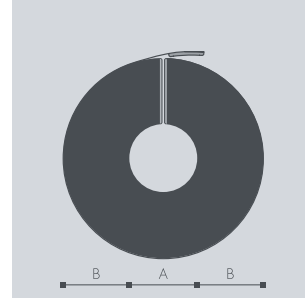


| Type    | Copper CU |               | Steel FE |               |       | Synthetics<br>MSV & PEX | A<br>mm | B<br>mm | Pkg unit<br>m |
|---------|-----------|---------------|----------|---------------|-------|-------------------------|---------|---------|---------------|
|         | NW<br>DN  | Outer Ø<br>mm | NW<br>DN | Outer Ø<br>mm | inch  | Outer Ø<br>mm           |         |         |               |
| 15 x 19 | 10        | 15            | 8        | 13,5          | 1/4   | -                       | 15      | 19      | 47            |
| 18 x 19 | 15        | 18            | 10       | 17,2          | 3/8   | 16                      | 18      | 19      | 42            |
| 22 x 19 | 20        | 22            | 15       | 21,3          | 1/2   | 20                      | 22      | 19      | 33            |
| 28 x 19 | 25        | 28            | 20       | 26,9          | 3/4   | 25                      | 28      | 19      | 27            |
| 35 x 19 | 32        | 35            | 25       | 33,7          | 1     | 32                      | 35      | 19      | 21            |
| 42 x 19 | 40        | 42            | 32       | 42,4          | 1 1/4 | 40                      | 42      | 19      | 20            |
| 48 x 19 | -         | -             | 40       | 48,3          | 1 1/2 | -                       | 48      | 19      | 15            |
| 54 x 19 | 50        | 54            | -        | 54            | -     | 50                      | 54      | 19      | 15            |
| 60 x 19 | -         | -             | 50       | 60,3          | 2     | -                       | 60      | 19      | 15            |
| 64 x 19 | -         | 64            | -        | 63,5          | -     | 63                      | 64      | 19      | 11            |
| 76 x 19 | 65        | 76,1          | 65       | 76,1          | 2 1/2 | -                       | 76      | 19      | 11            |
| 89 x 19 | 80        | 88,9          | 80       | 88,9          | 3     | -                       | 89      | 19      | 9             |
| 15 x 25 | 10        | 15            | 8        | 13,5          | 1/4   | -                       | 15      | 25      | 33            |
| 18 x 25 | 15        | 18            | 10       | 17,2          | 3/8   | 16                      | 18      | 25      | 30            |
| 22 x 25 | 20        | 22            | 15       | 21,3          | 1/2   | 20                      | 22      | 25      | 27            |
| 28 x 25 | 25        | 28            | 20       | 26,9          | 3/4   | 25                      | 28      | 25      | 22            |
| 35 x 25 | 32        | 35            | 25       | 33,7          | 1     | 32                      | 35      | 25      | 16            |
| 42 x 25 | 40        | 42            | 32       | 42,4          | 1 1/4 | 40                      | 42      | 25      | 15            |
| 48 x 25 | -         | -             | 40       | 48,3          | 1 1/2 | -                       | 48      | 25      | 12            |
| 54 x 25 | 50        | 54            | -        | 54            | -     | 50                      | 54      | 25      | 11            |
| 60 x 25 | -         | -             | 50       | 60,3          | 2     | -                       | 60      | 25      | 9             |
| 64 x 25 | -         | 64            | -        | 63,5          | -     | 63                      | 64      | 25      | 9             |
| 76 x 25 | 65        | 76,1          | 65       | 76,1          | 2 1/2 | -                       | 76      | 25      | 8             |
| 89 x 25 | 80        | 88,9          | 80       | 88,9          | 3     | -                       | 89      | 25      | 6             |

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| Type    | Copper CU |               | Steel FE |               |       | Synthetics<br>MSV & PEX | A<br>mm | B<br>mm | Pkg unit<br>m |
|---------|-----------|---------------|----------|---------------|-------|-------------------------|---------|---------|---------------|
|         | NW<br>DN  | Outer Ø<br>mm | NW<br>DN | Outer Ø<br>mm | inch  | Outer Ø<br>mm           |         |         |               |
| 15 x 32 | 10        | 15            | 8        | 13,5          | 1/4   | -                       | 15      | 32      | 18            |
| 18 x 32 | 15        | 18            | 10       | 17,2          | 3/8   | 16                      | 18      | 32      | 17            |
| 22 x 32 | 20        | 22            | 15       | 21,3          | 1/2   | 20                      | 22      | 32      | 16            |
| 28 x 32 | 25        | 28            | 20       | 26,9          | 3/4   | 25                      | 28      | 32      | 15            |
| 35 x 32 | 32        | 35            | 25       | 33,7          | 1     | 32                      | 35      | 32      | 12            |
| 42 x 32 | 40        | 42            | 32       | 42,4          | 1 1/4 | 40                      | 42      | 32      | 11            |
| 48 x 32 | -         | -             | 40       | 48,3          | 1 1/2 | -                       | 48      | 32      | 11            |
| 54 x 32 | 50        | 54            | -        | 54            | -     | 50                      | 54      | 32      | 9             |
| 60 x 32 | -         | -             | 50       | 60,3          | 2     | -                       | 60      | 32      | 8             |
| 64 x 32 | -         | 64            | -        | 63,5          | -     | 63                      | 64      | 32      | 8             |
| 76 x 32 | 65        | 76,1          | 65       | 76,1          | 2 1/2 | -                       | 76      | 32      | 6             |
| 89 x 32 | 80        | 88,9          | 80       | 88,9          | 3     | -                       | 89      | 32      | 4             |