



INSUL-TUBE®

INSUL-TUBE® is a flexible insulation material made of closed cell foam based on rubber.

- 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
- Sound absorbing insulation for acoustic comfort

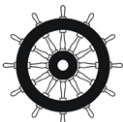
Product features

- Thermal conductivity (EN ISO 8497):

| | |
|---------------------|---------------------|
| 6 - 25mm | 32 - 60mm |
| 0,031 W/mK to -30°C | 0,031 W/mK to -30°C |
| 0,034 W/mK to 0°C | 0,035 W/mK to 0°C |
| 0,038 W/mK to 40°C | 0,040 W/mK to 40°C |
| 0,041 W/mK to 70°C | 0,043 W/mK to 70°C |
- Fire performance: B₁s3d0 (EN 13501-1)
- Temperature range: -30°C to 110°C (EN 14707)
- Water vapour diffusion resistance (EN 13469):
≤ 25mm: 10.000μ
≥ 32mm: 7.000μ
- See website for Declaration of Performance:
www.nmc-insulation.com

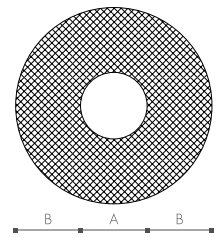
Application area

- Heating and plumbing
- Air conditioning
- Cooling systems
- Ship approval



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Product range

| Copper CU | | Steel FE | | | Synthetics | Type | A mm | B mm | Length | Packaging unit |
|-----------|---------------|----------|---------------|-------|---------------|----------------|---------|---------|--------|-------------------|
| NW DN | outer Ø mm | NW DN | outer Ø mm | inch | outer Ø mm | | | | | |
| 4 | 6 | - | - | - | - | 6 x 6 | 6 | 6 | 2m | 500m |
| 6 | 8 | - | - | - | - | 8 x 6 | 8 | 6 | 2m | 480m |
| 8 | 10 | 6 | 10,2 | 1/8 | - | 10 x 6 | 10 | 6 | 2m | 430m |
| 10 | 12 | - | - | - | - | 12 x 6 | 12 | 6 | 2m | 350m |
| 10 | 15 | 8 | 13,5 | 1/4 | - | 15 x 6 | 15 | 6 | 2m | 300m |
| 15 | 18 | 10 | 17,2 | 3/8 | 16 | 18 x 6 | 18 | 6 | 2m | 280m |
| 20 | 22 | 15 | 21,3 | 1/2 | 20 | 22 x 6 | 22 | 6 | 2m | 216m |
| 25 | 28 | 20 | 26,9 | 3/4 | 25 | 28 x 6 | 28 | 6 | 2m | 150m |
| 32 | 35 | 25 | 33,7 | 1 | 32 | 35 x 6 | 35 | 6 | 2m | 120m |
| 4 | 6 | - | - | - | - | 6 x 9 | 6 | 9 | 2m | 330m |
| 6 | 8 | - | - | - | - | 8 x 9 | 8 | 9 | 2m | 310m |
| 8 | 10 | 6 | 10,2 | 1/8 | - | 10 x 9 | 10 | 9 | 2m | 290m |
| 10 | 12 | - | - | - | - | 12 x 9 | 12 | 9 | 2m | 250m |
| 10 | 15 | 8 | 13,5 | 1/4 | - | 15 x 9 | 15 | 9 | 2m | 212m |
| 15 | 18 | 10 | 17,2 | 3/8 | 16 | 18 x 9 | 18 | 9 | 2m | 160m |
| 15 | 19 | - | - | 1/2 | 20 | 20 x 9 | 20 | 9 | 2m | 160m |
| 20 | 22 | 15 | 21,3 | 1/2 | 20 | 22 x 9 | 22 | 9 | 2m | 140m |
| 20 | 25 | - | 25 | 3/4 | 25 | 25 x 9 | 25 | 9 | 2m | 130m |
| 25 | 28 | 20 | 26,9 | 3/4 | 25 | 28 x 9 | 28 | 9 | 2m | 124m |
| - | - | - | - | - | 32 | 32 x 9 | 32 | 9 | 2m | 110m |
| 32 | 35 | 25 | 33,7 | 1 | 32 | 35 x 9 | 35 | 9 | 2m | 92m |
| 40 | 42 | 32 | 42,4 | 1 1/4 | 40 | 42 x 9 | 42 | 9 | 2m | 70m |
| - | - | 40 | 48,3 | 1 1/2 | - | 48 x 9 | 48 | 9 | 2m | 60m |
| 50 | 54 | - | 54 | - | 50 | 54 x 9 | 54 | 9 | 2m | 60m |
| - | - | 50 | 60,3 | 2 | - | 60 x 9 | 60 | 9 | 2m | 60m |
| - | 64 | - | 63,5 | - | 63 | 64 x 9 | 64 | 9 | 2m | 54m |
| - | 64 | - | 63,5 | - | 63 | 67 x 9 | 67 | 9 | 2m | 54m |
| - | 70 | - | 70 | - | - | 70 x 9 | 70 | 9 | 2m | 54m |
| 65 | 76,1 | 65 | 76,1 | 2 1/2 | - | 76 x 9 | 76 | 9 | 2m | 54m |
| - | 80 | - | - | - | - | 80 x 9 | 80 | 9 | 2m | 40m |
| 80 | 88,9 | 80 | 88,9 | 3 | - | 89 x 9 | 89 | 9 | 2m | 36m |
| - | - | - | 101,6 | 3 1/2 | - | 102 x 9 | 102 | 9 | 2m | 28m |
| 100 | 108 | - | 108 | - | - | 108 x 9 | 108 | 9 | 2m | 28m |
| 100 | 114 | 100 | 114,3 | 4 | - | 114 x 9 | 114 | 9 | 2m | 28m |
| - | - | - | 125 | - | - | 125 x 9 | 125 | 9 | 2m | 20m |
| 125 | 133 | 125 | 133 | - | - | 133 x 9 | 133 | 9 | 2m | 16m |
| - | - | 125 | 139,7 | 5 | - | 140 x 9 | 140 | 9 | 2m | 16m |
| 150 | 159 | - | 160 | - | - | 160 x 9 | 160 | 9 | 2m | 14m |

| Copper CU | | Steel FE | | | Synthetics | Type | A mm | B mm | Length | Packaging unit |
|-----------|---------------|----------|---------------|-------|---------------|-----------------|---------|---------|--------|-------------------|
| NW DN | outer Ø mm | NW DN | outer Ø mm | inch | outer Ø mm | | | | | |
| 4 | 6 | - | - | - | - | 6 x 13 | 6 | 13 | 2m | 240m |
| 6 | 8 | - | - | - | - | 8 x 13 | 8 | 13 | 2m | 210m |
| 8 | 10 | 6 | 10,2 | 1/8 | - | 10 x 13 | 10 | 13 | 2m | 190m |
| 10 | 12 | - | - | - | - | 12 x 13 | 12 | 13 | 2m | 172m |
| 10 | 15 | 8 | 13,5 | 1/4 | - | 15 x 13 | 15 | 13 | 2m | 140m |
| 15 | 18 | 10 | 17,2 | 3/8 | 16 | 18 x 13 | 18 | 13 | 2m | 130m |
| 15 | 19 | - | - | 1/2 | 20 | 20 x 13 | 20 | 13 | 2m | 110m |
| 20 | 22 | 15 | 21,3 | 1/2 | 20 | 22 x 13 | 22 | 13 | 2m | 98m |
| 20 | 25 | - | 25 | 3/4 | 25 | 25 x 13 | 25 | 13 | 2m | 92m |
| 25 | 28 | 20 | 26,9 | 3/4 | 25 | 28 x 13 | 28 | 13 | 2m | 86m |
| - | - | - | - | 1 | 32 | 32 x 13 | 32 | 13 | 2m | 76m |
| 32 | 35 | 25 | 33,7 | 1 | 32 | 35 x 13 | 35 | 13 | 2m | 76m |
| - | - | - | - | - | - | 40 x 13 | 40 | 13 | 2m | 56m |
| 40 | 42 | 32 | 42,4 | 1 1/4 | 40 | 42 x 13 | 42 | 13 | 2m | 56m |
| - | - | 40 | 48,3 | 1 1/2 | - | 48 x 13 | 48 | 13 | 2m | 48m |
| - | - | - | - | - | - | 50 x 13 | 50 | 13 | 2m | 46m |
| 50 | 54 | - | 54 | - | 50 | 54 x 13 | 54 | 13 | 2m | 46m |
| - | - | 50 | 60,3 | 2 | - | 60 x 13 | 60 | 13 | 2m | 40m |
| - | 64 | - | 63,5 | - | 63 | 64 x 13 | 64 | 13 | 2m | 40m |
| - | - | - | - | - | - | 67 x 13 | 67 | 13 | 2m | 40m |
| - | 70 | - | 70 | - | - | 70 x 13 | 70 | 13 | 2m | 40m |
| 65 | 76,1 | 65 | 76,1 | 2 1/2 | - | 76 x 13 | 76 | 13 | 2m | 34m |
| - | 80 | - | - | - | - | 80 x 13 | 80 | 13 | 2m | 30m |
| 80 | 88,9 | 80 | 88,9 | 3 | - | 89 x 13 | 89 | 13 | 2m | 30m |
| - | - | - | 101,6 | 3 1/2 | - | 102 x 13 | 102 | 13 | 2m | 30m |
| 100 | 108 | - | 108 | - | - | 108 x 13 | 108 | 13 | 2m | 28m |
| 100 | 114 | 100 | 114,3 | 4 | - | 114 x 13 | 114 | 13 | 2m | 28m |
| - | - | - | 125 | - | - | 125 x 13 | 125 | 13 | 2m | 20m |
| 125 | 133 | 125 | 133 | - | - | 133 x 13 | 133 | 13 | 2m | 18m |
| - | - | 125 | 139,7 | 5 | - | 140 x 13 | 140 | 13 | 2m | 18m |
| 150 | 159 | - | 160 | - | - | 160 x 13 | 160 | 13 | 2m | 16m |
| 8 | 10 | 6 | 10,2 | 1/8 | - | 10 x 19 | 10 | 19 | 2m | 106m |
| 10 | 12 | - | - | - | - | 12 x 19 | 12 | 19 | 2m | 100m |
| 10 | 15 | 8 | 13,5 | 1/4 | - | 15 x 19 | 15 | 19 | 2m | 86m |
| 15 | 18 | 10 | 17,2 | 3/8 | 16 | 18 x 19 | 18 | 19 | 2m | 78m |
| 15 | 19 | - | - | 1/2 | 20 | 20 x 19 | 20 | 19 | 2m | 76m |
| 20 | 22 | 15 | 21,3 | 1/2 | 20 | 22 x 19 | 22 | 19 | 2m | 74m |
| 20 | 25 | - | 25 | 3/4 | 25 | 25 x 19 | 25 | 19 | 2m | 60m |
| 25 | 28 | 20 | 26,9 | 3/4 | 25 | 28 x 19 | 28 | 19 | 2m | 58m |

| Copper CU | | Steel FE | | | Synthetics | Type | A mm | B mm | Length | Packaging unit |
|-----------|---------------|----------|---------------|-------|---------------|-----------------|---------|---------|--------|-------------------|
| NW DN | outer Ø mm | NW DN | outer Ø mm | inch | outer Ø mm | | | | | |
| - | - | - | - | 1 | 32 | 32 x 19 | 32 | 19 | 2m | 54m |
| 32 | 35 | 25 | 33,7 | 1 | 32 | 35 x 19 | 35 | 19 | 2m | 48m |
| - | - | - | - | - | - | 40 x 19 | 40 | 19 | 2m | 40m |
| 40 | 42 | 32 | 42,4 | 1 1/4 | 40 | 42 x 19 | 42 | 19 | 2m | 40m |
| - | - | 40 | 48,3 | 1 1/2 | - | 48 x 19 | 48 | 19 | 2m | 30m |
| - | - | - | - | - | - | 50 x 19 | 50 | 19 | 2m | 30m |
| 50 | 54 | - | 54 | - | 50 | 54 x 19 | 54 | 19 | 2m | 30m |
| - | - | 50 | 60,3 | 2 | - | 60 x 19 | 60 | 19 | 2m | 28m |
| - | 64 | - | 63,5 | - | 63 | 64 x 19 | 64 | 19 | 2m | 28m |
| - | - | - | - | - | - | 67 x 19 | 67 | 19 | 2m | 28m |
| - | 70 | - | 70 | - | - | 70 x 19 | 70 | 19 | 2m | 28m |
| 65 | 76,1 | 65 | 76,1 | 2 1/2 | - | 76 x 19 | 76 | 19 | 2m | 28m |
| - | 80 | - | - | - | - | 80 x 19 | 80 | 19 | 2m | 26m |
| 80 | 88,9 | 80 | 88,9 | 3 | - | 89 x 19 | 89 | 19 | 2m | 22m |
| - | - | - | 101,6 | 3 1/2 | - | 102 x 19 | 102 | 19 | 2m | 20m |
| 100 | 108 | - | 108 | - | - | 108 x 19 | 108 | 19 | 2m | 20m |
| 100 | 114 | 100 | 114,3 | 4 | - | 114 x 19 | 114 | 19 | 2m | 18m |
| - | - | - | 125 | - | - | 125 x 19 | 125 | 19 | 2m | 18m |
| 125 | 133 | 125 | 133 | - | - | 133 x 19 | 133 | 19 | 2m | 12m |
| - | - | 125 | 139,7 | 5 | - | 140 x 19 | 140 | 19 | 2m | 10m |
| 150 | 159 | - | 160 | - | - | 160 x 19 | 160 | 19 | 2m | 8m |
| 8 | 10 | 6 | 10,2 | 1/8 | - | 10 x 25 | 10 | 25 | 2m | 60m |
| 10 | 12 | - | - | - | - | 12 x 25 | 12 | 25 | 2m | 50m |
| 10 | 15 | 8 | 13,5 | 1/4 | - | 15 x 25 | 15 | 25 | 2m | 50m |
| 15 | 18 | 10 | 17,2 | 3/8 | 16 | 18 x 25 | 18 | 25 | 2m | 50m |
| 15 | 19 | - | - | 1/2 | 20 | 20 x 25 | 20 | 25 | 2m | 50m |
| 20 | 22 | 15 | 21,3 | 1/2 | 20 | 22 x 25 | 22 | 25 | 2m | 42m |
| 20 | 25 | - | 25 | 3/4 | 25 | 25 x 25 | 25 | 25 | 2m | 40m |
| 25 | 28 | 20 | 26,9 | 3/4 | 25 | 28 x 25 | 28 | 25 | 2m | 40m |
| - | - | - | - | 1 | 32 | 32 x 25 | 32 | 25 | 2m | 36m |
| 32 | 35 | 25 | 33,7 | 1 | 32 | 35 x 25 | 35 | 25 | 2m | 32m |
| 40 | 42 | 32 | 42,4 | 1 1/4 | 40 | 42 x 25 | 42 | 25 | 2m | 24m |
| - | - | 40 | 48,3 | 1 1/2 | - | 48 x 25 | 48 | 25 | 2m | 24m |
| 50 | 54 | - | 54 | - | 50 | 54 x 25 | 54 | 25 | 2m | 22m |
| - | - | 50 | 60,3 | 2 | - | 60 x 25 | 60 | 25 | 2m | 22m |
| - | 64 | - | 63,5 | - | 63 | 64 x 25 | 64 | 25 | 2m | 18m |
| - | - | - | - | - | - | 67 x 25 | 67 | 25 | 2m | 18m |
| - | 70 | - | 70 | - | - | 70 x 25 | 70 | 25 | 2m | 18m |
| 65 | 76,1 | 65 | 76,1 | 2 1/2 | - | 76 x 25 | 76 | 25 | 2m | 18m |

| Copper CU | | Steel FE | | | Synthetics | Type | A mm | B mm | Length | Packaging unit |
|-----------|---------------|----------|---------------|-------|---------------|-----------------|---------|---------|--------|-------------------|
| NW DN | outer Ø mm | NW DN | outer Ø mm | inch | outer Ø mm | | | | | |
| 80 | 88,9 | 80 | 88,9 | 3 | - | 89 x 25 | 89 | 25 | 2m | 14m |
| - | - | - | 101,6 | 3 1/2 | - | 102 x 25 | 102 | 25 | 2m | 12m |
| 100 | 108 | 100 | 108 | - | - | 108 x 25 | 108 | 25 | 2m | 10m |
| 100 | 114 | 100 | 114,3 | 4 | - | 114 x 25 | 114 | 25 | 2m | 10m |
| - | - | - | 125 | - | - | 125 x 25 | 125 | 25 | 2m | 8m |
| 125 | 133 | 125 | 133 | - | - | 133 x 25 | 133 | 25 | 2m | 8m |
| - | - | 125 | 139,7 | 5 | - | 140 x 25 | 140 | 25 | 2m | 6m |
| 150 | 159 | - | 160 | - | - | 160 x 25 | 160 | 25 | 2m | 4m |
| 10 | 12 | - | - | - | - | 12 x 32 | 12 | 32 | 2m | 36m |
| 10 | 15 | 8 | 13,5 | 1/4 | - | 15 x 32 | 15 | 32 | 2m | 32m |
| 15 | 18 | 10 | 17,2 | 3/8 | 16 | 18 x 32 | 18 | 32 | 2m | 32m |
| 20 | 22 | 15 | 21,3 | 1/2 | 20 | 22 x 32 | 22 | 32 | 2m | 26m |
| 20 | 25 | - | 25 | 3/4 | 25 | 25 x 32 | 25 | 32 | 2m | 26m |
| 25 | 28 | 20 | 26,9 | 3/4 | 25 | 28 x 32 | 28 | 32 | 2m | 24m |
| - | - | - | - | 1 | 32 | 32 x 32 | 32 | 32 | 2m | 24m |
| 32 | 35 | 25 | 33,7 | 1 | 32 | 35 x 32 | 35 | 32 | 2m | 24m |
| 40 | 42 | 32 | 42,4 | 1 1/4 | 40 | 42 x 32 | 42 | 32 | 2m | 18m |
| - | - | 40 | 48,3 | 1 1/2 | - | 48 x 32 | 48 | 32 | 2m | 18m |
| 50 | 54 | - | 54 | - | 50 | 54 x 32 | 54 | 32 | 2m | 16m |
| - | - | 50 | 60,3 | 2 | - | 60 x 32 | 60 | 32 | 2m | 16m |
| - | 63 | - | 63,5 | - | 63 | 64 x 32 | 64 | 32 | 2m | 14m |
| - | - | - | - | - | - | 67 x 32 | 67 | 32 | 2m | 14m |
| - | 70 | - | 70 | - | - | 70 x 32 | 70 | 32 | 2m | 14m |
| 65 | 76,1 | 65 | 76,1 | 2 1/2 | - | 76 x 32 | 76 | 32 | 2m | 12m |
| - | 80 | - | - | - | - | 80 x 32 | 80 | 32 | 2m | 12m |
| 80 | 88,9 | 80 | 88,9 | 3 | - | 89 x 32 | 89 | 32 | 2m | 10m |
| - | - | - | 101,6 | 3 1/2 | - | 102 x 32 | 102 | 32 | 2m | 10m |
| 100 | 108 | - | 108 | - | - | 108 x 32 | 108 | 32 | 2m | 8m |
| 100 | 114 | 100 | 114,3 | 4 | - | 114 x 32 | 114 | 32 | 2m | 8m |
| - | - | - | 125 | - | - | 125 x 32 | 125 | 32 | 2m | 6m |
| 125 | 133 | 125 | 133 | - | - | 133 x 32 | 133 | 32 | 2m | 6m |
| - | - | 125 | 139,7 | 5 | - | 140 x 32 | 140 | 32 | 2m | 6m |
| 150 | 159 | - | 160 | - | - | 160 x 32 | 160 | 32 | 2m | 4m |
| 15 | 18 | 10 | 17,2 | 3/8 | 16 | 18 x 40 | 18 | 40 | 2m | 22m |
| 20 | 22 | 15 | 21,3 | 1/2 | 20 | 22 x 40 | 22 | 40 | 2m | 22m |
| 25 | 28 | 20 | 26,9 | 3/4 | 25 | 28 x 40 | 28 | 40 | 2m | 16m |
| - | - | - | - | 1 | 32 | 32 x 40 | 32 | 40 | 2m | 16m |
| 32 | 35 | 25 | 33,7 | 1 | 32 | 35 x 40 | 35 | 40 | 2m | 12m |
| 40 | 42 | 32 | 42,4 | 1 1/4 | 40 | 42 x 40 | 42 | 40 | 2m | 12m |

| Copper CU | | Steel FE | | | Synthetics | Type | A mm | B mm | Length | Packaging unit |
|-----------|---------------|----------|-------------------------|-------|---------------|-----------------|---------|---------|--------|-------------------|
| NW DN | outer Ø mm | NW DN | outer Ø mm inch | | outer Ø mm | | | | | |
| - | - | 40 | 48,3 | 1 1/2 | - | 48 x 40 | 48 | 40 | 2m | 12m |
| 50 | 54 | - | 54 | - | 50 | 54 x 40 | 54 | 40 | 2m | 10m |
| - | - | 50 | 60,3 | 2 | - | 60 x 40 | 60 | 40 | 2m | 10m |
| - | 63 | - | 63,5 | - | 63 | 64 x 40 | 64 | 40 | 2m | 10m |
| - | 70 | - | 70 | - | - | 70 x 40 | 70 | 40 | 2m | 10m |
| 65 | 76,1 | 65 | 76,1 | 2 1/2 | - | 76 x 40 | 76 | 40 | 2m | 10m |
| - | - | - | - | - | - | 80 x 40 | 80 | 40 | 2m | 10m |
| 80 | 88,9 | 80 | 88,9 | 3 | - | 89 x 40 | 89 | 40 | 2m | 8m |
| - | - | - | 101,6 | 3 1/2 | - | 102 x 40 | 102 | 40 | 2m | 6m |
| 100 | 108 | - | 108 | - | - | 108 x 40 | 108 | 40 | 2m | 6m |
| 100 | 114 | 100 | 114,3 | 4 | - | 114 x 40 | 114 | 40 | 2m | 4m |
| - | - | - | 125 | - | - | 125 x 40 | 125 | 40 | 2m | 4m |
| - | - | 125 | 139,7 | 5 | - | 140 x 40 | 140 | 40 | 2m | 4m |
| 150 | 159 | - | 160 | - | - | 160 x 40 | 160 | 40 | 2m | 4m |
| 32 | 35 | 25 | 33,7 | 1 | 32 | 35 x 50 | 35 | 50 | 2m | 8m |
| 40 | 42 | 32 | 42,4 | 1 1/4 | 40 | 42 x 50 | 42 | 50 | 2m | 8m |
| - | - | 40 | 48,3 | 1 1/2 | - | 48 x 50 | 48 | 50 | 2m | 8m |
| 50 | 54 | - | 54 | - | 50 | 54 x 50 | 54 | 50 | 2m | 8m |
| - | - | 50 | 60,3 | 2 | - | 60 x 50 | 60 | 50 | 2m | 8m |
| - | 63 | - | 63,5 | - | 63 | 64 x 50 | 64 | 50 | 2m | 8m |
| 65 | 76,1 | 65 | 76,1 | 2 1/2 | - | 76 x 50 | 76 | 50 | 2m | 6m |
| 80 | 88,9 | 80 | 88,9 | 3 | - | 89 x 50 | 89 | 50 | 2m | 6m |

