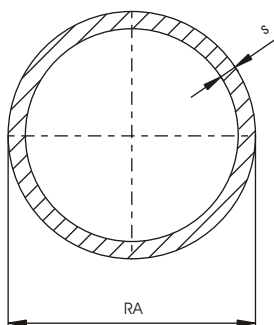


ROHRE - nahtlos

PIPES - seamless



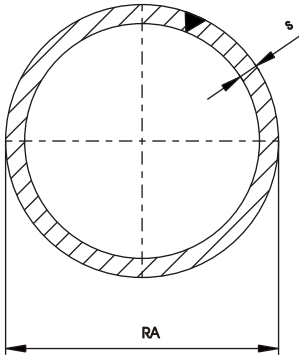
Material: **EUCARO[®] 10** = CuNi10Fe1,6Mn

Standards: **DIN 86019**
DIN 1755 T. 1-3
EEMUA 144
BS 2871 P. 1-3
ASTM B466
EN 12449

| in nominal | RA mm OD | s mm | Gewicht weight kg / m | s mm | Gewicht weight kg / m | s mm | Gewicht weight kg / m | s mm | Gewicht weight kg / m | s mm | Gewicht weight kg / m | s mm | Gewicht weight kg / m |
|------------|----------|------|-----------------------|------|-----------------------|------|-----------------------|------|-----------------------|------|-----------------------|------|-----------------------|
| | 8 | 1,0 | 0,20 | 1,5 | 0,30 | | | | | | | | |
| 1/8 | 10 | 1,0 | 0,25 | 1,5 | 0,38 | 2,0 | 0,50 | | | | | | |
| 1/4 | 12 | 1,0 | 0,31 | 1,5 | 0,47 | 2,0 | 0,62 | | | | | | |
| 1/4 | 14 | 1,0 | 0,36 | 1,5 | 0,54 | 2,0 | 0,72 | | | | | | |
| | 15 | 1,0 | 0,39 | 1,5 | 0,57 | 2,0 | 0,73 | | | | | | |
| 3/8 | 16 | 1,0 | 0,42 | 1,5 | 0,63 | 2,0 | 0,84 | | | | | | |
| | 18 | 1,0 | 0,48 | 1,5 | 0,69 | 2,0 | 0,96 | | | | | | |
| | 19 | 1,0 | 0,50 | 1,5 | 0,75 | 2,0 | 1,01 | | | | | | |
| 1/2 | 20 | 1,0 | 0,53 | 1,5 | 0,80 | 2,0 | 1,06 | | | | | | |
| | 22 | 1,0 | 0,59 | 1,5 | 0,86 | 2,0 | 1,18 | | | | | | |
| 3/4 | 25 | 1,0 | 0,66 | 1,5 | 0,99 | 2,0 | 1,32 | | | | | | |
| | 28 | 1,0 | 0,76 | 1,5 | 1,11 | 2,0 | 1,52 | | | | | | |
| 1 | 30 | 1,5 | 1,19 | 2,0 | 1,56 | 2,5 | 1,95 | | | | | | |
| | 35 | 1,5 | 0,95 | 2,0 | 1,85 | | | | | | | | |
| 1 1/4 | 38 | 1,5 | 1,53 | 2,0 | 2,01 | 3,0 | 3,02 | | | | | | |
| | 42 | 1,5 | 1,15 | 2,0 | 2,24 | | | | | | | | |
| 1 1/2 | 44,5 | 1,5 | 1,80 | 2,0 | 2,38 | 2,5 | 2,98 | | | | | | |
| | 54 | 1,5 | 2,20 | 2,0 | 2,91 | | | | | | | | |
| 2 | 57 | 1,5 | 2,33 | 2,0 | 3,07 | 2,5 | 3,84 | 3,0 | 4,61 | | | | |
| 2 1/2 | 76 | 2,0 | 4,14 | 2,5 | 5,14 | | | | | 4,0 | 8,22 | | |
| 3 | 89 | 2,0 | 4,86 | 2,5 | 6,04 | 3,0 | 7,29 | | | 4,0 | 9,72 | | |
| 4 | 108 | 2,5 | 7,37 | 3,0 | 8,80 | 3,5 | 10,27 | | | 5,0 | 14,67 | | |
| 5 | 133 | 2,5 | 9,12 | 3,0 | 10,90 | | | | | 5,0 | 18,17 | 6,0 | 21,80 |
| 6 | 159 | 2,5 | 10,93 | 3,0 | 13,08 | 3,5 | 15,26 | | | 6,0 | 26,16 | 8,0 | 34,88 |
| 7 | 194 | 3,0 | 16,01 | 3,5 | 18,68 | 4,0 | 21,35 | | | 6,0 | 32,03 | 8,0 | 42,70 |
| 8 | 219 | 3,0 | 18,11 | 3,5 | 21,08 | 4,0 | 24,09 | 4,5 | 27,10 | 8,0 | 48,18 | 10,0 | 60,22 |
| 10 | 267 | 3,0 | 22,13 | 4,0 | 29,40 | 4,5 | 33,08 | 5,5 | 40,43 | 8,0 | 58,81 | 10,0 | 73,51 |
| 12 | 324 | 4,0 | 35,77 | 4,5 | 40,24 | 5,0 | 44,71 | 5,5 | 49,18 | 7,0 | 62,60 | | |
| 14 | 368 | 4,0 | 40,69 | 4,5 | 45,78 | 5,5 | 55,95 | 6,5 | 66,12 | 8,0 | 81,38 | | |
| 16 | 419 | 4,0 | 46,39 | 4,5 | 52,13 | 6,0 | 69,51 | 7,0 | 81,09 | 9,0 | 104,3 | | |

Rohre mit einer relativen Permeabilität $\mu_r < 1,08$ sind auf Anfrage lieferbar.
 Pipes with a permeability $\mu_r < 1,08$ are available on request.

ROHRE - geschweißt PIPES - welded

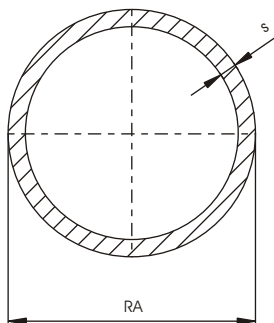


Material: **EUCARO[®] 10 = CuNi10Fe1,6Mn**

Standards: **DIN 86018**

| in nominal | RA mm OD | s mm | Gewicht weight kg / m | s mm | Gewicht weight kg / m | s mm | Gewicht weight kg / m | s mm | Gewicht weight kg / m | s mm | Gewicht weight kg / m | s mm | Gewicht weight kg / m |
|------------|----------|------|-----------------------|------|-----------------------|------|-----------------------|------|-----------------------|------|-----------------------|------|-----------------------|
| 12 | 324 | 4,0 | 35,77 | 4,5 | 40,24 | 5,0 | 44,71 | | | | | | |
| 14 | 368 | 4,0 | 40,69 | 4,5 | 45,78 | 5,0 | 50,86 | | | | | | |
| 16 | 419 | 4,0 | 46,39 | 4,5 | 52,12 | 5,0 | 57,91 | | | | | | |
| 18 | 457 | 4,0 | 50,60 | 4,5 | 56,90 | 5,0 | 63,20 | | | | | | |
| 20 | 508 | | | | | 5,0 | 70,30 | | | | | | |
| 24 | 610 | | | | | 5,0 | 84,50 | | | | | | |
| 28 | 711 | | | | | | | 6,0 | 118,2 | | | | |
| 32 | 813 | | | | | | | 6,0 | 135,3 | | | | |
| 36 | 914 | | | | | | | | | 8,0 | 202,0 | | |
| 40 | 1016 | | | | | | | | | 8,0 | 225,4 | | |
| 48 | 1220 | | | | | | | | | 8,0 | 271,0 | | |
| 56 | 1420 | | | | | | | | | 8,0 | 315,7 | | |
| 64 | 1620 | | | | | | | | | | | 10,0 | 450,0 |

KONDENSATORROHR CONDENSER PIPE



Material: **EUCARO® 10 = CuNi10Fe1MnF29**

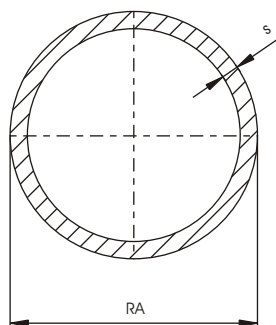
Standards: **DIN 1785
EN 12451**

| RA in nominal | s mm | Gewicht weight kg / m | s mm | Gewicht weight kg / m | s mm | Gewicht weight kg / m | s mm | Gewicht weight kg / m | s mm | Gewicht weight kg / m |
|---------------------|---------|-----------------------------|---------|-----------------------------|---------|-----------------------------|---------|-----------------------------|---------|-----------------------------|
| 8 | 0,75 | 0,15 | 1,0 | 0,20 | 1,25 | 0,24 | 1,5 | - | - | - |
| 10 | 0,75 | 0,19 | 1,0 | 0,25 | 1,25 | 0,31 | 1,5 | - | - | - |
| 11 | 0,75 | 0,22 | 1,0 | 0,28 | 1,25 | 0,34 | 1,5 | - | - | - |
| 12 | 0,75 | 0,24 | 1,0 | 0,31 | 1,25 | 0,38 | 1,5 | - | - | - |
| 14 | 0,75 | 0,28 | 1,0 | 0,36 | 1,25 | 0,45 | 1,5 | - | - | - |
| 15 | 0,75 | 0,30 | 1,0 | 0,39 | 1,25 | 0,48 | 1,5 | - | - | - |
| 16 | 0,75 | 0,32 | 1,0 | 0,42 | 1,25 | 0,52 | 1,5 | 0,61 | - | - |
| 18 | - | - | 1,0 | 0,48 | 1,25 | 0,59 | 1,5 | 0,69 | - | - |
| 19 | - | - | 1,0 | 0,50 | 1,25 | 0,62 | 1,5 | 0,73 | 2,0 | 0,95 |
| 20 | - | - | 1,0 | 0,53 | 1,25 | 0,66 | 1,5 | 0,78 | 2,0 | 1,01 |
| 22 | - | - | 1,0 | 0,59 | 1,25 | 0,73 | 1,5 | 0,86 | 2,0 | 1,12 |
| 23 | - | - | 1,0 | 0,62 | 1,25 | 0,76 | 1,5 | 0,90 | 2,0 | 1,17 |
| 24 | - | - | 1,0 | 0,64 | 1,25 | 0,80 | 1,5 | 0,94 | 2,0 | 1,23 |
| 25 | - | - | 1,0 | 0,67 | 1,25 | 0,83 | 1,5 | 0,99 | 2,0 | 1,29 |
| 28 | - | - | 1,0 | 0,76 | 1,25 | 0,94 | 1,5 | 1,11 | 2,0 | 1,45 |
| 30 | - | - | 1,0 | 0,81 | 1,25 | 1,01 | 1,5 | 1,20 | 2,0 | 1,57 |
| 32 | - | - | 1,0 | 0,87 | 1,25 | 1,08 | 1,5 | 1,28 | 2,0 | 1,68 |
| 35 | - | - | 1,0 | 0,95 | 1,25 | 1,18 | 1,5 | 1,41 | 2,0 | 1,85 |

Die Rohre werden in Herstellängen von 6000 mm geliefert.
Andere Fixlängen können auf Anfrage geliefert werden.

The tubes are supplied in manufacturing lengths of 6,000 mm.
Other exact lengths can be supplied on request.

INSTALLATIONSROHR SANITARY TUBES



Material: SF-Cu (Cu-DHP)

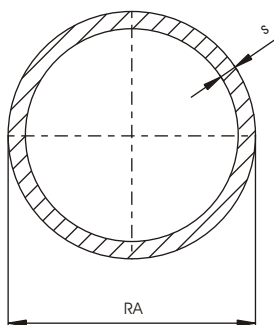
Standards: EN 1057 DVGW Cu 027

| RA x s | Gewicht Weight ca. kg / m | zulässiger Betriebsdruck permissible Operating Pressure bar | Wasser-Inhalt Water Volume l / m | DVGW Prüfzeichen Proof Mark | Lieferlänge Delivery Length |
|--------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------|-------------------------------------------|-----------------------------------|--------------------------------|
| Gerade Fixlängen R 290 hart bis einschließlich 159 x 3 mm Straight fix length R290 hard up to included 159x3 mm | | | | | |
| 6 x 1,0 | 0,14 | 229 | 0,01 | - | 5 m |
| 8 x 1,0 | 0,20 | 163 | 0,03 | - | 5 m |
| 10 x 1,0 | 0,25 | 127 | 0,05 | - | 5 m |
| 12 x 1,0 | 0,31 | 104 | 0,08 | Cu 027 | 5 m |
| 15 x 1,0 | 0,39 | 82 | 0,13 | Cu 027 | 5 m |
| 18 x 1,0 | 0,48 | 67 | 0,20 | Cu 027 | 5 m |
| 22 x 1,0 | 0,59 | 54 | 0,31 | Cu 027 | 5 m |
| 28 x 1,0 | 0,75 | 42 | 0,53 | - | 5 m |
| 15 x 1,0 | 0,57 | 127 | 0,01 | - | 5 m |
| 18 x 1,5 | 0,63 | 104 | 0,18 | - | 5 m |
| 22 x 1,5 | 0,86 | 84 | 0,28 | - | 5 m |
| 28 x 1,5 | 1,11 | 65 | 0,49 | Cu 027 | 5 m |
| 35 x 1,5 | 1,40 | 51 | 0,80 | Cu 027 | 5 m |
| 42 x 1,5 | 1,70 | 42 | 1,12 | Cu 027 | 5 m |
| 54 x 2,0 | 2,91 | 44 | 1,96 | Cu 027 | 5 m |
| 64 x 2,0 | 3,47 | 37 | 2,83 | Cu 027 | 5 m |
| 76 x 2,0 | 4,14 | 31 | 4,08 | Cu 027 | 5 m |
| 88,9 x 2,0 | 4,87 | 26 | 5,66 | Cu 027 | 5 m |
| 108 x 2,5 | 7,38 | 27 | 8,33 | Cu 027 | 5 m |
| 133 x 3,0 | 10,90 | 26 | 12,67 | Cu 059 | 5 m |
| 159 x 3,0 | 13,10 | 22 | 18,36 | Cu 059 | 4 m / 5 m |

Ringrohre R220 weich bis einschließlich 22 x 1 mm
Coils R220 soft up to included 22 x 1 mm

| | | | | | |
|----------|------|-----|-------|--------|-------------|
| 6 x 1,0 | 0,14 | 229 | 0,013 | - | 25 m / 50 m |
| 8 x 1,0 | 0,20 | 163 | 0,028 | - | 25 m / 50 m |
| 10 x 1,0 | 0,25 | 127 | 0,050 | - | 25 m / 50 m |
| 10 x 1,5 | 0,37 | 190 | 0,034 | - | 25 m / 50 m |
| 12 x 1,0 | 0,31 | 104 | 0,079 | Cu 027 | 25 m / 50 m |
| 12 x 1,5 | 0,46 | 156 | 0,056 | - | 25 m / 50 m |
| 14 x 1,0 | 0,36 | 90 | 0,100 | - | 25 m / 50 m |
| 15 x 1,0 | 0,39 | 82 | 0,133 | Cu 027 | 25 m / 50 m |
| 15 x 1,5 | 0,57 | 127 | 0,115 | - | 25 m / 50 m |
| 16 x 1,5 | 0,60 | 104 | 0,118 | - | 25 m / 50 m |
| 16 x 2,0 | 0,80 | 138 | 0,100 | - | 25 m / 50 m |
| 18 x 1,0 | 0,48 | 67 | 0,201 | Cu 027 | 25 m / 50 m |
| 22 x 1,0 | 0,59 | 54 | 0,314 | Cu 027 | 25 m / 50 m |

INDUSTRIEROHR INDUSTRIAL PIPE

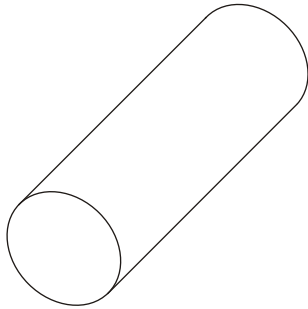


Material: SF-Cu

Standards: DIN 59753 / DIN 8905 / DIN 1787 / DIN 1754
Kühlschrankqualität / refrigeration quality

| RA mm | s mm | Gewicht weight kg / m | s mm | Gewicht weight kg / m | s mm | Gewicht weight kg / m | s mm | Gewicht weight kg / m | s mm | Gewicht weight kg / m | s mm | Gewicht weight kg / m | s mm | Gewicht weight kg / m |
|-----------------------|---------|-----------------------------|---------|-----------------------------|---------|-----------------------------|---------|-----------------------------|---------|-----------------------------|---------|-----------------------------|---------|-----------------------------|
| Nahtlos - seamless | | | | | | | | | | | | | | |
| 6 | 1,0 | 0,15 | | | | | | | | | | | | |
| 8 | 1,0 | 0,20 | 1,5 | - | | | | | | | | | | |
| 10 | 1,0 | 0,25 | 1,5 | - | 2,0 | 0,50 | | | | | | | | |
| 12 | 1,0 | 0,31 | 1,5 | - | 2,0 | 0,62 | | | | | | | | |
| 14 | 1,0 | 0,36 | 1,5 | - | 2,0 | 0,72 | | | | | | | | |
| 15 | 1,0 | 0,39 | 1,5 | - | 2,0 | 0,78 | | | | | | | | |
| 16 | 1,0 | 0,42 | 1,5 | 0,61 | 2,0 | 0,81 | | | | | | | | |
| 18 | 1,0 | 0,48 | 1,5 | 0,69 | 2,0 | 0,92 | | | | | | | | |
| 20 | 1,0 | 0,53 | 1,5 | 0,78 | 2,0 | 1,04 | | | | | | | | |
| 22 | 1,0 | 0,59 | 1,5 | 0,86 | 2,0 | 1,14 | | | | | | | | |
| 25 | | | 1,5 | 0,99 | 2,0 | 1,32 | | | | | | | | |
| 28 | | | 1,5 | 1,11 | 2,0 | 1,48 | | | | | | | | |
| 30 | | | 1,5 | 1,20 | 2,0 | 1,60 | | | | | | | | |
| 35 | | | 1,5 | 1,41 | 2,0 | 1,88 | | | | | | | | |
| 38 | | | 1,5 | 1,55 | 2,0 | 2,06 | | | | | | | | |
| 42 | | | 1,5 | 1,75 | 2,0 | 2,33 | | | | | | | | |
| 44,5 | | | | | 2,0 | 2,41 | 2,5 | 3,01 | | | | | | |
| 54 | | | | | 2,0 | 2,87 | | | | | | | | |
| 57 | | | | | 2,0 | 3,10 | 2,5 | 3,87 | | | | | | |
| 76 | | | | | 2,0 | 4,15 | | | 3,0 | 6,22 | | | | |
| 89 | | | | | 2,0 | 4,86 | 2,5 | 6,07 | | | | | | |
| 108 | | | | | | | | | 3,0 | 8,88 | | | | |
| 133 | | | | | | | | | 3,0 | 10,99 | | | | |
| 159 | | | | | | | | | 3,0 | 13,20 | | | | |
| 219 | | | | | | | | | 3,0 | 18,12 | 4,0 | 24,16 | 5,5 | 27,18 |

RUNDSTANGEN ROUND BAR

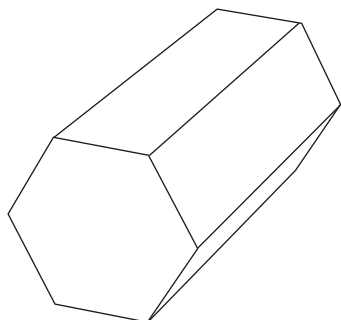


Material: **EUCUARO[®] 10** = CuNi10Fe1,6Mn

Standards: **DIN 1756 / DIN 1782**

| Abmessung dimension mm | Gewicht weight ca. kg / m | Abmessung dimension mm | Gewicht weight ca. kg / m |
|------------------------------|---------------------------------|------------------------------|---------------------------------|
| 12 | 1,01 | 65 | 29,52 |
| 15 | 1,57 | 70 | 34,24 |
| 18 | 2,26 | 75 | 39,32 |
| 20 | 2,79 | 80 | 44,72 |
| 25 | 4,37 | 90 | 56,60 |
| 30 | 6,29 | 100 | 69,90 |
| 35 | 8,55 | 110 | 84,58 |
| 40 | 11,18 | 130 | 118,13 |
| 45 | 14,15 | 175 | 214,00 |
| 50 | 17,47 | 234 | 382,55 |
| 55 | 21,14 | 300 | 628,78 |
| 60 | 25,15 | | |

SECHSKANTSTANGEN HEXAGON BAR

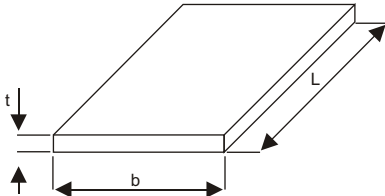


Material: **EUCUARO[®] 10** = CuNi10Fe1,6Mn

Standards: **DIN 1763**

| Schlüsselweite dimension mm | Gewicht weight ca. kg / m | Schlüsselweite dimension mm | Gewicht weight ca. kg / m |
|-----------------------------------|---------------------------------|-----------------------------------|---------------------------------|
| 17 | 2,23 | 36 | 9,96 |
| 19 | 2,78 | 41 | 13,00 |
| 22 | 3,70 | 46 | 16,30 |
| 24 | 4,44 | 50 | 19,30 |
| 27 | 5,62 | 55 | 23,31 |
| 30 | 6,94 | 60 | 27,74 |
| 32 | 7,89 | 65 | 32,56 |

BLECH UND PLATTEN SHEETS AND PLATES



Material: **EUCUARO® 10 = CuNi10Fe1,6Mn**

Standards: **DIN 1751 / DIN 17675
ASTM B171**

Abmessungen (Nennmaß)
mm

| Dicke t thickness t mm | Format (b x L) dimension (b x L) mm | | Gewicht weight kg / m ² |
|------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------|
| | 1000 x 2000 Gewicht in kg / Tafel weight in kg / plate | 1250 x 2500 Gewicht in kg / Tafel weight in kg / plate | |
| 2,0 | 35,6 | | 17,80 |
| 2,5 | 44,5 | | 22,25 |
| 3,0 | 83,4 | | 26,70 |
| 4,0 | | 111,250 | 35,60 |
| 4,5 | | 125,156 | 40,05 |
| 5,0 | | 139,062 | 44,50 |
| 6,0 | 106,8 | | 53,40 |
| 8,0 | 142,4 | | 71,20 |
| 10,0 | 178,0 | | 89,00 |
| 12,0 | 213,6 | | 106,8 |
| 15,0 | 267,0 | | 133,5 |
| 20,0 | 356,0 | | 178,0 |

Andere Blechstärken und Tafelgrößen sind auf Anfrage lieferbar.
Other sheet and plate thicknesses or sizes are available on request.

PRODUKTION VON ROHREN AUS CUNI10FE1,6MN PRODUCTION OF TUBES FROM CUNI10FE1,6MN

