

**WYMIARY ORAZ MASY RUR PRECYZYJNYCH (ciągnionych na zimno)**

| Średnica zewnętrzna ( mm ) | Grubość ścianki ( mm )              |       |       |       |       |       |       |        |        |        |        |        |        |        |        |
|----------------------------|-------------------------------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
|                            | 0,5                                 | 1     | 1,5   | 2     | 2,5   | 3     | 3,5   | 4      | 4,5    | 5      | 6      | 7      | 8      | 9      | 10     |
|                            | Masa na jednostkę długości ( kg/m ) |       |       |       |       |       |       |        |        |        |        |        |        |        |        |
| 4                          | 0,043                               | 0,074 |       |       |       |       |       |        |        |        |        |        |        |        |        |
| 5                          | 0,055                               | 0,099 |       |       |       |       |       |        |        |        |        |        |        |        |        |
| 6                          | 0,068                               | 0,123 | 0,166 | 0,197 |       |       |       |        |        |        |        |        |        |        |        |
| 8                          | 0,093                               | 0,173 | 0,240 | 0,296 | 0,339 | 0,370 |       |        |        |        |        |        |        |        |        |
| 10                         | 0,117                               | 0,222 | 0,314 | 0,395 | 0,462 | 0,518 |       |        |        |        |        |        |        |        |        |
| 12                         | 0,142                               | 0,271 | 0,388 | 0,493 | 0,586 | 0,666 | 0,734 |        |        |        |        |        |        |        |        |
| 14                         | 0,166                               | 0,321 | 0,462 | 0,592 | 0,709 | 0,814 | 0,906 | 0,986  | 1,054  |        |        |        |        |        |        |
| 15                         | 0,179                               | 0,345 | 0,499 | 0,641 | 0,771 | 0,888 | 0,993 | 1,085  | 1,165  |        |        |        |        |        |        |
| 16                         | 0,191                               | 0,370 | 0,536 | 0,691 | 0,832 | 0,962 | 1,079 | 1,184  | 1,276  |        |        |        |        |        |        |
| 18                         | 0,216                               | 0,419 | 0,610 | 0,789 | 0,956 | 1,110 | 1,252 | 1,381  | 1,498  |        |        |        |        |        |        |
| 20                         | 0,240                               | 0,469 | 0,684 | 0,888 | 1,079 | 1,258 | 1,424 | 1,578  | 1,720  | 1,850  | 2,071  |        |        |        |        |
| 22                         |                                     | 0,518 | 0,758 | 0,986 | 1,202 | 1,406 | 1,597 | 1,777  | 1,942  | 2,096  | 2,367  |        |        |        |        |
| 24                         |                                     | 0,567 | 0,832 | 1,085 | 1,326 | 1,554 | 1,769 | 1,973  | 2,164  | 2,343  | 2,663  |        |        |        |        |
| 25                         |                                     | 0,592 | 0,869 | 1,134 | 1,387 | 1,628 | 1,856 | 2,072  | 2,275  | 2,446  | 2,811  |        |        |        |        |
| 28                         |                                     | 0,666 | 0,980 | 1,282 | 1,572 | 1,850 | 2,115 | 2,368  | 2,608  | 2,836  | 3,255  |        |        |        |        |
| 30                         |                                     | 0,715 | 1,054 | 1,381 | 1,695 | 1,988 | 2,287 | 2,565  | 2,830  | 3,083  | 3,551  |        |        |        |        |
| 32                         |                                     | 0,764 | 1,128 | 1,480 | 1,819 | 2,146 | 2,460 | 2,762  | 3,052  | 3,329  | 3,847  |        |        |        |        |
| 35                         |                                     | 0,838 | 1,239 | 1,628 | 2,004 | 2,367 | 2,719 | 3,058  | 3,385  | 3,699  | 4,291  |        |        |        |        |
| 36                         |                                     | 0,863 | 1,276 | 1,677 | 2,065 | 2,441 | 2,805 | 3,157  | 3,496  | 3,822  | 4,439  |        |        |        |        |
| 38                         |                                     | 0,912 | 1,350 | 1,766 | 2,189 | 2,589 | 2,978 | 3,354  | 3,718  | 4,069  | 4,735  | 5,352  |        |        |        |
| 40                         |                                     | 0,962 | 1,424 | 1,874 | 2,312 | 2,737 | 3,150 | 3,551  | 3,940  | 4,316  | 5,031  | 5,697  | 6,313  |        |        |
| 42                         |                                     |       | 1,498 | 1,973 | 2,435 | 2,885 | 3,323 | 3,749  | 4,162  | 4,562  | 5,327  | 6,042  | 6,708  |        |        |
| 46                         |                                     |       | 1,646 | 2,170 | 2,682 | 3,181 | 3,668 | 4,143  | 4,605  | 5,055  | 5,919  | 6,733  | 7,497  |        |        |
| 48                         |                                     |       | 1,720 | 2,269 | 2,805 | 3,329 | 3,841 | 4,340  | 4,827  | 5,302  | 6,215  | 7,078  | 7,892  | 8,656  |        |
| 50                         |                                     |       | 1,794 | 2,368 | 2,929 | 3,477 | 4,014 | 4,538  | 5,049  | 5,549  | 6,511  | 7,423  | 8,286  | 9,100  |        |
| 52                         |                                     |       | 1,868 | 2,466 | 3,052 | 3,625 | 4,188 | 4,735  | 5,271  | 5,795  | 6,807  | 7,768  | 8,681  | 9,544  | 10,360 |
| 55                         |                                     |       | 1,979 | 2,614 | 3,237 | 3,847 | 4,445 | 5,031  | 5,604  | 6,165  | 7,250  | 8,286  | 9,273  | 10,210 | 11,100 |
| 58                         |                                     |       | 2,090 | 2,762 | 3,422 | 4,069 | 4,704 | 5,327  | 5,937  | 6,535  | 7,694  | 8,804  | 9,865  | 10,880 | 11,840 |
| 60                         |                                     |       | 2,164 | 2,861 | 3,545 | 4,217 | 4,877 | 5,524  | 6,159  | 6,782  | 7,990  | 9,149  | 10,260 | 11,320 | 12,330 |
| 62                         |                                     |       | 2,238 | 2,959 | 3,668 | 4,365 | 5,049 | 5,721  | 6,381  | 7,028  | 8,286  | 9,495  | 10,650 | 11,760 | 12,820 |
| 65                         |                                     |       | 2,349 | 3,107 | 3,853 | 4,587 | 5,308 | 6,017  | 6,714  | 7,398  | 8,730  | 10,010 | 11,250 | 12,430 | 13,560 |
| 70                         |                                     |       | 2,534 | 3,354 | 4,162 | 4,957 | 5,740 | 6,511  | 7,269  | 8,015  | 9,470  | 10,880 | 12,230 | 13,540 | 14,800 |
| 75                         |                                     |       |       | 3,601 | 4,470 | 5,327 | 6,172 | 7,004  | 7,824  | 8,632  | 10,210 | 11,740 | 13,220 | 14,650 | 16,030 |
| 80                         |                                     |       |       | 3,874 | 4,778 | 5,697 | 6,603 | 7,497  | 8,379  | 9,248  | 10,950 | 12,600 | 14,210 | 15,760 | 17,260 |
| 85                         |                                     |       |       | 4,094 | 5,086 | 6,067 | 7,035 | 7,990  | 8,934  | 9,865  | 11,690 | 13,470 | 15,190 | 16,870 | 18,500 |
| 90                         |                                     |       |       | 4,340 | 5,395 | 6,437 | 7,466 | 8,484  | 9,489  | 10,480 | 12,430 | 14,330 | 16,180 | 17,980 | 19,730 |
| 100                        |                                     |       |       | 4,834 | 6,011 | 7,176 | 8,329 | 9,470  | 10,600 | 11,710 | 13,910 | 16,060 | 18,150 | 20,200 | 22,200 |
| 110                        |                                     |       |       |       | 6,628 | 7,916 | 9,193 | 10,460 | 11,710 | 12,950 | 15,390 | 17,780 | 20,120 | 22,420 | 24,660 |
| 120                        |                                     |       |       |       |       | 8,656 | 10,06 | 11,440 | 12,820 | 14,180 | 16,870 | 19,510 | 22,100 | 24,640 | 27,130 |

