

# PIPE CHART

## Mactech Europe Portable Precision Machinery

| Nominal Pipe Size (inches) | Schedule Number | Wall Thickness (inches) | Inside Diameter (inches) | Nominal Pipe Size (inches) | Schedule Number | Wall Thickness (inches) | Inside Diameter (inches) | Nominal Pipe Size (inches) | Schedule Number | Thickness (inches) | Diameter (inches) |
|----------------------------|-----------------|-------------------------|--------------------------|----------------------------|-----------------|-------------------------|--------------------------|----------------------------|-----------------|--------------------|-------------------|
| 1<br>(1.315)               | 5S              | 0.065                   | 1.185                    | 6<br>(6.625)               | 5S              | 0.109                   | 6.407                    | 16<br>(16.000)             | 5S              | 0.169              | 15.670            |
|                            | 10S             | 0.109                   | 1.097                    |                            | 10S             | 0.134                   | 6.357                    |                            | 10S             | 0.188              | 16.624            |
|                            | 40ST, 40S       | 0.133                   | 1.049                    |                            | 40ST, 40S       | 0.280                   | 6.065                    |                            | 10              | 0.250              | 15.500            |
|                            | 80XS, 80S       | 0.179                   | 0.957                    |                            | 80XS, 80S       | 0.432                   | 5.761                    |                            | 20              | 0.312              | 15.376            |
|                            | 160             | 0.250                   | 0.815                    |                            | 120             | 0.562                   | 5.501                    |                            | 30, ST          | 0.375              | 15.250            |
| 1 1/4<br>(1.660)           | XX              | 0.358                   | 0.599                    | 8<br>(8.625)               | 160             | 0.719                   | 5.187                    | 18<br>(18.000)             | 40, XS          | 0.500              | 15.000            |
|                            | 5S              | 0.065                   | 1.530                    |                            | XX              | 0.864                   | 4.897                    |                            | 60              | 0.656              | 14.688            |
|                            | 10S             | 0.109                   | 1.442                    |                            | 5S              | 0.109                   | 8.407                    |                            | 80              | 0.844              | 14.312            |
|                            | 40ST, 40S       | 0.140                   | 1.380                    |                            | 10S             | 0.148                   | 8.329                    |                            | 100             | 1.031              | 13.938            |
|                            | 80XS, 80S       | 0.191                   | 1.278                    |                            | 20              | 0.250                   | 8.125                    |                            | 120             | 1.219              | 13.562            |
| 1 1/2<br>(1.900)           | 160             | 0.250                   | 1.160                    | 10<br>(10.750)             | 30              | 0.277                   | 8.071                    | 20<br>(20.000)             | 140             | 1.438              | 13.124            |
|                            | XX              | 0.382                   | 0.896                    |                            | 40ST, 40S       | 0.322                   | 7.981                    |                            | 160             | 1.594              | 12.812            |
|                            | 5S              | 0.065                   | 1.770                    |                            | 60              | 0.406                   | 7.813                    |                            | 5S              | 0.165              | 17.670            |
|                            | 10S             | 0.109                   | 1.682                    |                            | 80XS, 80S       | 0.500                   | 7.625                    |                            | 10S             | 0.188              | 17.624            |
|                            | 40ST, 40S       | 0.145                   | 1.610                    |                            | 100             | 0.594                   | 7.437                    |                            | 10              | 0.250              | 17.500            |
| 2<br>(2.375)               | 80XS, 80S       | 0.200                   | 1.500                    | 12<br>(12.750)             | 120             | 0.719                   | 7.187                    | 24<br>(24.000)             | 20              | 0.312              | 17.376            |
|                            | 160             | 0.281                   | 1.338                    |                            | 140             | 0.812                   | 7.001                    |                            | ST              | 0.375              | 17.250            |
|                            | XX              | 0.400                   | 1.100                    |                            | XX              | 0.875                   | 6.875                    |                            | 30              | 0.438              | 17.124            |
|                            | 5S              | 0.065                   | 2.245                    |                            | 160             | 0.906                   | 6.813                    |                            | XS              | 0.500              | 17.000            |
|                            | 10S             | 0.109                   | 2.157                    |                            | 5S              | 0.134                   | 10.482                   |                            | 40              | 0.562              | 16.876            |
| 2 1/2<br>(2.875)           | 40ST, 40S       | 0.154                   | 2.067                    | 14<br>(14.000)             | 10S             | 0.165                   | 10.420                   | 30<br>(30.000)             | 60              | 0.750              | 16.500            |
|                            | 80XS, 80S       | 0.218                   | 1.939                    |                            | 20              | 0.250                   | 10.250                   |                            | 80              | 0.938              | 16.124            |
|                            | 160             | 0.344                   | 1.687                    |                            | 30              | 0.307                   | 10.136                   |                            | 100             | 1.156              | 15.688            |
|                            | XX              | 0.436                   | 1.503                    |                            | 40ST, 40S       | 0.365                   | 10.020                   |                            | 120             | 1.375              | 15.250            |
|                            | 5S              | 0.083                   | 2.709                    |                            | 60XS, 80S       | 0.500                   | 9.750                    |                            | 140             | 1.562              | 14.876            |
| 3<br>(3.500)               | 10S             | 0.120                   | 2.635                    | 16<br>(16.000)             | 80              | 0.594                   | 9.562                    | 30<br>(30.000)             | 160             | 1.781              | 14.438            |
|                            | 40ST, 40S       | 0.203                   | 2.489                    |                            | 100             | 0.719                   | 9.312                    |                            | 5S              | 0.188              | 19.624            |
|                            | 80XS, 80S       | 0.276                   | 2.323                    |                            | 120             | 0.844                   | 9.062                    |                            | 10S             | 0.218              | 19.564            |
|                            | 160             | 0.375                   | 2.125                    |                            | 140, XX         | 1.000                   | 8.750                    |                            | 10              | 0.250              | 19.500            |
|                            | XX              | 0.552                   | 1.771                    |                            | 160             | 1.125                   | 8.500                    |                            | 20, ST          | 0.375              | 19.250            |
| 3 1/2<br>(4.000)           | 5S              | 0.083                   | 3.334                    | 18<br>(18.000)             | 5S              | 0.156                   | 12.438                   | 30<br>(30.000)             | 30, XS          | 0.500              | 19.000            |
|                            | 10S             | 0.120                   | 3.260                    |                            | 10S             | 0.180                   | 12.390                   |                            | 40              | 0.594              | 18.812            |
|                            | 40ST, 40S       | 0.216                   | 3.068                    |                            | 20              | 0.250                   | 12.250                   |                            | 60              | 0.812              | 18.376            |
|                            | 80XS, 80S       | 0.300                   | 2.900                    |                            | 30              | 0.330                   | 12.090                   |                            | 80              | 1.031              | 17.938            |
|                            | 160             | 0.438                   | 2.624                    |                            | ST, 40S         | 0.375                   | 12.000                   |                            | 100             | 1.281              | 17.438            |
| 4<br>(4.500)               | XX              | 0.600                   | 2.300                    | 20<br>(20.000)             | 40              | 0.406                   | 11.938                   | 30<br>(30.000)             | 120             | 1.500              | 17.000            |
|                            | 5S              | 0.083                   | 3.834                    |                            | XS, 80S         | 0.500                   | 11.750                   |                            | 140             | 1.750              | 16.500            |
|                            | 10S             | 0.120                   | 3.760                    |                            | 60              | 0.562                   | 11.626                   |                            | 160             | 1.969              | 16.062            |
|                            | 40ST, 40S       | 0.226                   | 3.548                    |                            | 80              | 0.688                   | 11.374                   |                            | 5S              | 0.218              | 23.564            |
|                            | 80XS, 80S       | 0.318                   | 3.364                    |                            | 100             | 0.844                   | 11.062                   |                            | 10, 10S         | 0.250              | 23.500            |
| 5<br>(5.563)               | 5S              | 0.083                   | 4.334                    | 22<br>(22.000)             | 120, XX         | 1.000                   | 10.750                   | 30<br>(30.000)             | 20, ST          | 0.375              | 23.250            |
|                            | 10S             | 0.120                   | 4.260                    |                            | 140             | 1.125                   | 10.500                   |                            | XS              | 0.500              | 23.000            |
|                            | 40ST, 40S       | 0.237                   | 4.026                    |                            | 160             | 1.312                   | 10.126                   |                            | 30              | 0.562              | 22.876            |
|                            | 80XS, 80S       | 0.337                   | 3.826                    |                            | 5S              | 0.156                   | 13.688                   |                            | 40              | 0.688              | 22.624            |
|                            | 120             | 0.438                   | 3.624                    |                            | 10S             | 0.188                   | 13.624                   |                            | 60              | 0.969              | 22.062            |
| 5<br>(5.563)               | 160             | 0.531                   | 3.438                    | 24<br>(24.000)             | 20              | 0.250                   | 13.500                   | 30<br>(30.000)             | 80              | 1.219              | 21.562            |
|                            | XX              | 0.674                   | 3.152                    |                            | 30, ST          | 0.375                   | 13.376                   |                            | 100             | 1.531              | 20.938            |
|                            | 5S              | 0.109                   | 5.345                    |                            | 40              | 0.438                   | 13.124                   |                            | 120             | 1.812              | 20.376            |
|                            | 10S             | 0.134                   | 5.295                    |                            | XS, 80S         | 0.500                   | 13.000                   |                            | 140             | 2.062              | 19.876            |
|                            | 40ST, 40S       | 0.258                   | 5.047                    |                            | 60              | 0.594                   | 12.812                   |                            | 160             | 2.344              | 19.312            |
| 5<br>(5.563)               | 80XS, 80S       | 0.375                   | 4.813                    | 26<br>(26.000)             | 80              | 0.750                   | 12.500                   | 30<br>(30.000)             | 5S              | 0.250              | 29.500            |
|                            | 120             | 0.500                   | 4.563                    |                            | 100             | 0.938                   | 12.124                   |                            | 10, 10S         | 0.312              | 29.376            |
|                            | 160             | 0.625                   | 4.313                    |                            | 120             | 1.094                   | 11.812                   |                            | ST              | 0.375              | 29.250            |
|                            | XX              | 0.750                   | 4.063                    |                            | 140             | 1.250                   | 11.500                   |                            | 20, XS          | 0.500              | 29.000            |
|                            |                 |                         |                          |                            |                 | 160                     | 1.406                    |                            | 11.188          | 30                 | 0.625             |



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