



## 6 in. Aluminum 5086 Pipe. XH / Schedule 80 Rating

| Item No. | M131778 | UOM | FT |
|----------|---------|-----|----|
|----------|---------|-----|----|

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### Specifications

|                |                  |
|----------------|------------------|
| Type           | Pipe             |
| Size           | 6 in.            |
| Material       | Aluminum         |
| Material Grade | Aluminum 5086    |
| Pressure Class | XH / Schedule 80 |
| Specification  |                  |

Product URL: <https://torksystems.com/M131778>



| PIPE SIZE   | OD                  | SCH 5 / 5S              | SCH 10 / 10S              | STD / SCH 40              | XH / SCH 80              | SCH 120 | SCH 160 / XXH              | CL50  | CL 200 | CL 700 | CL 1650 | CL 3300 | CL 6000 |
|-------------|---------------------|-------------------------|---------------------------|---------------------------|--------------------------|---------|----------------------------|-------|--------|--------|---------|---------|---------|
| 1/4 OD      | 0.25                | -                       | -                         | -                         | -                        | -       | -                          | -     | 0.035  |        |         | 0.035   | 0.058   |
| 1/8         | 0.405               | 0.035 (5)               | 0.049                     | 0.068                     | 0.095                    | -       | -                          | -     | 0.065  | -      | -       | 0.058   | 0.095   |
| 1/4         | 0.54                | 0.049 (5)               | 0.065                     | 0.088                     | 0.119                    | -       | -                          | -     | 0.065  | 0.065  | 0.042   | 0.072   | 0.12    |
| 3/8         | 0.675               | 0.049 (5)               | 0.065                     | 0.091                     | 0.126                    | -       | -                          | -     | 0.065  | 0.072  | 0.049   | 0.095   | 0.148   |
| 1/2         | 0.84                | 0.065                   | 0.083                     | 0.109                     | 0.147                    | -       | 0.187 (160)<br>0.294 (XXH) | -     | 0.065  | 0.072  | 0.058   | 0.12    | 0.203   |
| 3/4         | 1.05                | 0.065                   | 0.083                     | 0.113                     | 0.154                    | -       | 0.218 (160)<br>0.306 (XXH) | -     | 0.065  | 0.083  | 0.083   | 0.148   | 0.238   |
| 1           | 1.315               | 0.065                   | 0.109                     | 0.133                     | 0.179                    | -       | 0.250 (160)<br>0.358 (XXH) | -     | 0.065  | 0.095  | 0.095   | 0.18    | 0.3     |
| 1 1/4       | 1.66                | 0.065                   | 0.109                     | 0.14                      | 0.191                    | -       | 0.250 (160)<br>0.382 (XXH) | -     | 0.072  | 0.095  | 0.12    | 0.22    | 0.38    |
| 1 1/2       | 1.9                 | 0.065                   | 0.109                     | 0.145                     | 0.2                      | -       | 0.281 (160)<br>0.400 (XXH) | -     | 0.072  | 0.109  | 0.134   | 0.25    | 0.425   |
| 2           | 2.375               | 0.065                   | 0.109                     | 0.154                     | 0.218                    | -       | 0.344 (160)<br>0.436 (XXH) | -     | 0.083  | 0.12   | 0.165   | 0.34    | 0.52    |
| 2 1/2       | 2.875               | 0.083                   | 0.12                      | 0.203                     | 0.276                    | -       | 0.375 (160)<br>0.552 (XXH) | -     | 0.083  | 0.134  | 0.203   | 0.38    | 0.63    |
| 3           | 3.5                 | 0.083                   | 0.12                      | 0.216                     | 0.3                      | -       | 0.438 (160)<br>0.600 (XXH) | -     | 0.095  | 0.165  | 0.25    | 0.458   | 0.76    |
| 3 1/2       | 4                   | 0.083                   | 0.12                      | 0.226                     | 0.318                    | -       | 0.636 (XXH)                | -     | 0.095  | 0.18   | 0.284   | -       | -       |
| 4           | 4.5                 | 0.083                   | 0.12                      | 0.237                     | 0.337                    | 0.438   | 0.531 (160)<br>0.674 (XXH) | -     | 0.109  | 0.203  | 0.34    | -       | -       |
| 5           | 5.563               | 0.109                   | 0.134                     | 0.258                     | 0.375                    | 0.5     | 0.625 (160)<br>0.750 (XXH) | -     | 0.125  | 0.22   | 0.425   | -       | -       |
| 6           | 6.625               | 0.109                   | 0.134                     | 0.28                      | 0.432                    | 0.562   | 0.719 (160)<br>0.864 (XXH) | -     | 0.134  | 0.259  | 0.457   | -       | -       |
| 8           | 8.625               | 0.109                   | 0.148                     | 0.322                     | 0.5                      | 0.719   | 0.906 (160)<br>0.875 (XXH) | -     | 0.148  | 0.34   | 0.595   | -       | -       |
| 10          | 10.75               | 0.134                   | 0.165                     | 0.365                     | 0.500 (XH)<br>0.594 (80) | 0.844   | 1.125 (160)<br>1.000 (XXH) | 0.134 | 0.187  | 0.38   | 0.741   | -       | -       |
| 12          | 12.75               | 0.156 (5S)<br>0.165 (5) | 0.18                      | 0.375 (STD)<br>0.406 (40) | 0.500 (XH)<br>0.688 (80) | 1       | 1.312 (160)<br>1.000 (XXH) | 0.156 | 0.25   | 0.454  | 0.879   | -       | -       |
| 14          | 14                  | 0.156                   | 0.188 (10S)<br>0.250 (10) | 0.375 (STD)<br>0.438 (40) | 0.500 (XH)<br>0.750 (80) | 1.093   | 1.406                      | 0.165 | 0.25   | 0.473  | -       | -       | -       |
| 16          | 16                  | 0.165                   | 0.188 (10S)<br>0.250 (10) | 0.375 (STD)<br>0.500 (40) | 0.500 (XH)<br>0.844 (80) | 1.219   | 1.594                      | 0.165 | 0.25   | 0.534  | -       | -       | -       |
| 18          | 18                  | 0.165                   | 0.188 (10S)<br>0.250 (10) | 0.375 (STD)<br>0.562 (40) | 0.500 (XH)<br>0.938 (80) | 1.375   | 1.781                      | 0.18  | 0.25   | -      | -       | -       | -       |
| 20          | 20                  | 0.188                   | 0.218 (10S)<br>0.250 (10) | 0.375 (STD)<br>0.594 (40) | 0.500 (XH)<br>1.031 (80) | 1.5     | 1.969                      | 0.18  | 0.25   | -      | -       | -       | -       |
| 22          | 22                  | -                       | 0.25                      | 0.375                     | 0.500 (XH)<br>1.375 (80) | 1.625   | 2.125                      | 0.18  | -      | -      | -       | -       | -       |
| 24          | 24                  | 0.218                   | 0.25                      | 0.375 (STD)<br>0.688 (40) | 0.500 (XH)<br>1.219 (80) | 1.812   | 2.344                      | 0.25  | -      | -      | -       | -       | -       |
| 26          | 26                  | -                       | 0.312                     | 0.375                     | 0.5                      | -       | -                          | -     | -      | -      | -       | -       | -       |
| 28          | 28                  | -                       | 0.312                     | 0.375                     | -                        | -       | -                          | -     | -      | -      | -       | -       | -       |
| 30          | 30                  | 0.25                    | 0.312                     | 0.375                     | 0.5                      | -       | -                          | 0.25  | -      | -      | -       | -       | -       |
| 32          | 32                  | -                       | 0.312                     | 0.375 (STD)<br>0.688 (40) | 0.5                      | -       | -                          | -     | -      | -      | -       | -       | -       |
| 34          | 34                  | -                       | 0.312                     | 0.375 (STD)<br>0.688 (40) | 0.5                      | -       | -                          | -     | -      | -      | -       | -       | -       |
| 36          | 36                  | -                       | 0.312                     | 0.375 (STD)<br>0.750 (40) | 0.5                      | -       | -                          | -     | -      | -      | -       | -       | -       |
| 40          | 40                  | -                       | -                         | 0.375                     | 0.5                      | -       | -                          | 0.312 | -      | -      | -       | -       | -       |
| 44          | 44                  | -                       | -                         | 0.375                     | 0.5                      | -       | -                          | -     | -      | -      | -       | -       | -       |
| 48          | 48                  | -                       | -                         | 0.375                     | 0.5                      | -       | -                          | -     | -      | -      | -       | -       | -       |
| Not listed: | 4-1/2", 7", 9", 11" |                         |                           |                           |                          |         |                            |       |        |        |         |         |         |