

# Shunli Sheet Piling Industrial Co., Ltd.

[http://www.sheetpiling-china.com/Z\\_Sheet\\_Pile.html](http://www.sheetpiling-china.com/Z_Sheet_Pile.html)

| Sections | Width | Height | Thickness | Section            | Weight   | Weight            | Moment             | Modulus            |
|----------|-------|--------|-----------|--------------------|----------|-------------------|--------------------|--------------------|
|          | w     | h      | t         | Area               | per Pile | per Wall          | of Inertia         | of Section         |
|          | mm    | mm     | mm        | cm <sup>2</sup> /m | kg/m     | kg/m <sup>2</sup> | cm <sup>4</sup> /m | cm <sup>3</sup> /m |
| S1Z11-1  | 575   | 260    | 8.8       | 128.7              | 58.1     | 101               | 14300              | 1100               |
| S1Z11-2  | 575   | 260    | 9.5       | 136.3              | 61.5     | 107               | 14820              | 1140               |
| S1Z12-1  | 670   | 302    | 8.5       | 126                | 66.1     | 99                | 18140              | 1200               |
| S1Z12-2  | 770   | 344    | 8.5       | 120                | 72.6     | 94                | 21430              | 1245               |
| S1Z12-3  | 575   | 260    | 10.2      | 143.3              | 64.7     | 112.5             | 15600              | 1200               |
| S1Z13-1  | 670   | 303    | 9.5       | 137                | 72       | 107               | 19700              | 1300               |
| S1Z13-2  | 770   | 344    | 9         | 126                | 76.1     | 99                | 22360              | 1300               |
| S1Z13-3  | 575   | 260    | 10.8      | 150.3              | 67.9     | 118               | 16250              | 1250               |
| S1Z14-1  | 670   | 304    | 10.5      | 149                | 78.3     | 117               | 21300              | 1400               |
| S1Z14-2  | 770   | 345    | 9.5       | 132                | 79.5     | 103               | 23300              | 1355               |
| S1Z14-3  | 770   | 345    | 10        | 137                | 82.9     | 108               | 24240              | 1405               |
| S1Z14-4  | 700   | 420    | 7         | 112.8              | 62       | 88.6              | 30910              | 1480               |
| S1Z14-5  | 650   | 320    | 8         | 127.4              | 65       | 100               | 22049              | 1380               |
| S1Z16-1  | 575   | 390    | 8         | 136.5              | 61.6     | 107               | 28010              | 1605               |
| S1Z17-1  | 630   | 379    | 8.5       | 138                | 68.4     | 109               | 31580              | 1665               |
| S1Z17-2  | 700   | 420    | 8.5       | 133                | 73.1     | 104               | 36230              | 1730               |
| S1Z17-3  | 575   | 370    | 8.5       | 142.8              | 64.5     | 112               | 28890              | 1655               |
| S1Z17-4  | 575   | 370    | 9         | 148.2              | 66.9     | 116               | 30110              | 1725               |
| S1Z17-5  | 575   | 350    | 9.5       | 149                | 67.3     | 117               | 29760              | 1705               |
| S1Z17-6  | 675   | 430    | 8.5       | 141.4              | 74.9     | 111               | 21810              | 1706               |
| S1Z18-1  | 630   | 380    | 9.5       | 150                | 74.4     | 118               | 34200              | 1800               |

|         |     |     |      |       |       |       |       |      |
|---------|-----|-----|------|-------|-------|-------|-------|------|
| S1Z18-2 | 700 | 420 | 9    | 139   | 76.5  | 109   | 37800 | 1800 |
| S1Z18-3 | 575 | 380 | 9    | 154.2 | 69.6  | 121   | 30630 | 1755 |
| S1Z18-4 | 575 | 370 | 9.5  | 159.5 | 72    | 125.2 | 31505 | 1805 |
| S1Z18-5 | 675 | 420 | 9    | 150   | 79.5  | 117.8 | 34210 | 1805 |
| S1Z18-6 | 630 | 381 | 10   | 157   | 77.8  | 123   | 35540 | 1870 |
| S1Z18-7 | 700 | 420 | 9    | 141   | 77.5  | 110.7 | 38866 | 1843 |
| S1Z18-8 | 640 | 385 | 8    | 140.9 | 70.8  | 110.7 | 34295 | 1815 |
| S1Z19-1 | 630 | 381 | 10.5 | 164   | 81    | 129   | 36980 | 1940 |
| S1Z19-2 | 700 | 421 | 9.5  | 146   | 80    | 114   | 39380 | 1870 |
| S1Z19-3 | 675 | 390 | 10   | 157.8 | 83.6  | 123.9 | 35350 | 1865 |
| S1Z20-1 | 700 | 421 | 10   | 152   | 83.5  | 119   | 40960 | 1945 |
| S1Z24-1 | 700 | 459 | 11.2 | 174   | 95.7  | 137   | 55820 | 2430 |
| S1Z24-2 | 575 | 430 | 10.5 | 188   | 85    | 147.8 | 42005 | 2410 |
| S1Z25-1 | 630 | 480 | 10.5 | 185   | 91.6  | 145.4 | 52260 | 2460 |
| S1Z25-2 | 575 | 400 | 11.5 | 195   | 88    | 153   | 43430 | 2485 |
| S1Z25-3 | 575 | 420 | 11.5 | 198   | 89.5  | 155.7 | 44470 | 2545 |
| S1Z25-4 | 675 | 480 | 10.5 | 182.5 | 96.7  | 143   | 53780 | 2510 |
| S1Z26-1 | 630 | 470 | 11.5 | 198   | 97.9  | 155   | 55525 | 2605 |
| S1Z26-2 | 700 | 460 | 12.2 | 187   | 102.9 | 147   | 59720 | 2600 |
| S1Z26-3 | 575 | 420 | 11.5 | 201.6 | 91    | 158.3 | 44640 | 2555 |
| S1Z26-4 | 575 | 440 | 11.5 | 207   | 93.5  | 162.6 | 45510 | 2605 |
| S1Z26-5 | 675 | 450 | 11.5 | 191   | 101.6 | 150.5 | 55950 | 2615 |
| S1Z27-1 | 675 | 460 | 12   | 201.7 | 106.9 | 158.4 | 58060 | 2705 |
| S1Z28-1 | 630 | 440 | 12.5 | 212   | 105   | 167   | 58950 | 2760 |
| S1Z28-2 | 700 | 461 | 13.2 | 200   | 110   | 157   | 63620 | 2760 |
| S1Z34-1 | 675 | 550 | 11.5 | 211.7 | 112.2 | 166.2 | 82955 | 3425 |
| S1Z35-1 | 675 | 570 | 11.8 | 218.5 | 115.8 | 171.6 | 84895 | 3505 |
| S1Z36-1 | 675 | 570 | 12.3 | 226.8 | 120.2 | 178   | 87310 | 3605 |
| S1Z37-1 | 700 | 560 | 12.5 | 226   | 124.5 | 177.8 | 92415 | 3710 |
| S1Z37-2 | 675 | 570 | 12.5 | 234   | 124   | 183.7 | 89740 | 3705 |

|         |     |     |      |     |       |       |        |      |
|---------|-----|-----|------|-----|-------|-------|--------|------|
| S1Z38-1 | 675 | 580 | 13   | 241 | 128   | 189.6 | 91670  | 3785 |
| S1Z39-1 | 700 | 560 | 13.5 | 242 | 133   | 190   | 97500  | 3905 |
| S1Z41-1 | 700 | 560 | 14   | 254 | 139.6 | 199   | 102630 | 4095 |
| S1Z46-1 | 580 | 540 | 15   | 292 | 133   | 229   | 110465 | 4600 |
| S1Z48-1 | 580 | 570 | 15.5 | 307 | 139.9 | 241.2 | 115690 | 4810 |
| S1Z50-1 | 580 | 580 | 16   | 322 | 146.8 | 253   | 121070 | 5020 |

| Sections     | Dimensions |     |      | Section Area    | Mass              | Moment of Inertia | Elastic Section |
|--------------|------------|-----|------|-----------------|-------------------|-------------------|-----------------|
|              | h          | w   | t    |                 |                   |                   |                 |
|              | mm         | mm  | mm   | cm <sup>2</sup> | kg/m <sup>2</sup> | cm <sup>4</sup>   | cm <sup>3</sup> |
| SLZ13        | 303        | 670 | 9.5  | 183.4           | 144.0             | 26400             | 1740            |
| SLZ13-10     | 304        | 670 | 10.0 | 191.6           | 150.4             | 27400             | 1810            |
| SLZ18        | 380        | 630 | 9.5  | 189.6           | 148.8             | 43080             | 2270            |
| SLZ18-10     | 381        | 630 | 10.0 | 198.1           | 155.5             | 44790             | 2355            |
| SLZ26        | 427        | 630 | 13.0 | 249.2           | 195.6             | 69940             | 3280            |
| SLZ13-770    | 344        | 770 | 9.0  | 193.8           | 152.1             | 34440             | 2000            |
| SLZ14-770-10 | 345        | 770 | 10.0 | 211.2           | 165.8             | 37330             | 2165            |
| SLZ18-770    | 420        | 700 | 9.0  | 194.9           | 153.0             | 52920             | 2520            |
| SLZ20-770    | 421        | 700 | 10.0 | 212.8           | 167.0             | 57340             | 2725            |
| SLZ26-770    | 460        | 700 | 12   | 262.1           | 205.7             | 83610             | 3635            |
| SLZ12        | 270        | 600 | 10   | 176             | 138               | 16740             | 1200            |
| SLZ14        | 272        | 600 | 12   | 202             | 158               | 19030             | 1400            |
| SLZ19        | 312        | 675 | 12   | 219             | 172               | 27360             | 1900            |