




Union Straight Web Sections

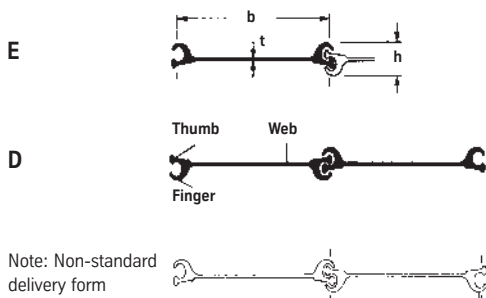
| Section | Section modulus W_y cm ³ /m wall | Weight | | Circumference excl. internal surface of interlock | | Cross sectional area cm ² /m wall | Second moment of inertia I_y cm ⁴ /m wall | Radius of gyration i_y cm/m wall | Coating area ³⁾ | |
|---|---|------------------------|------------------|---|-------------------|--|--|------------------------------------|----------------------------|-------------------------------|
| | | kg/m ² wall | kg/m single pile | cm/m wall | cm/ single pile | | | | m ² /m wall | m ² /m single pile |
| FL 511 | 90 | 136.0 | 68.0 | 218 | 136 ²⁾ | 173.0 | 350 | 1.42 | 2.18 | 1.19 |
|  | | | | | | | | | | |
| FL 512 | 90 | 142.0 | 71.0 | 218 | 136 ²⁾ | 181.0 | 360 | 1.41 | 2.18 | 1.19 |
|  | | | | | | | | | | |
| FL 512.7 ¹⁾ | 92 | 146.8 | 73.4 | 218 | 136 ²⁾ | 187.0 | 360 | 1.39 | 2.18 | 1.19 |
|  | | | | | | | | | | |

- 1) Rolling/delivery on request only.
- 2) Including the interior of the free locks.
- 3) Without interlock interior coating on both sides.

Minimum interlock tension = 2000 kN/m (limited strength).
Higher values (up to 5000 kN/m) possible according to angle of rotation.



Available types



Handling holes and crimping/welding

Handling holes are provided on request in the center of each pile web as shown in the drawing. Holes can be provided at a distance of either 75 or 300 mm from the upper pile edge (to be stated when ordering).

The double piles of UNION straight web sections are always supplied without crimping.

