

STANDARD REINFORCEMENT

STEELFORCE 500™

ARC Ribmesh 500™

- The familiar fabric configurations remain unchanged in the Rectangular, Square and Trench Mesh products
- 500L steels with $d \geq 5.0$ mm must comply with all requirements of yield stress, ductility ratio and uniform elongation as stated in AS/NZS 4671 Steel Reinforcing Materials standard
- ARC Ribmesh 500™ meets the requirements of the new Australian and New Zealand Steel Reinforcing Materials Standard AS/NZS 4671, AS 3600, AS 2870 and AS 3735.

| Stock Mesh Product - Table of Information | | | | | | | | | | |
|---|--------------------|-------------------|--------------|--------------|-------------------|--------------|--------------------------------|---------------------|--------------------------------------|----------------------------------|
| Mesh Type and Ref. No. | Longitudinal wires | | | Cross wires | | | Mass (per 6 x 2.4 m sheet) | | Cross sectional area per metre width | |
| | No. of wires | Dia of wires (mm) | Pitch (@ mm) | No. of wires | Dia of wires (mm) | Pitch (@ mm) | Unit area (kg/m ²) | Mass per sheet (kg) | Long'l Wires (mm ² /m) | Cross Wires (mm ² /m) |
| Rectangular Meshes (Rectangular Low Ductility Series) | | | | | | | | | | |
| RL1218 | 25 | 11.9 | 100 | 30 | 7.6 | 200 | 10.9 | 157 | 1112 | 227 |
| RL1118 | 25 | 10.65 | 100 | 30 | 7.6 | 200 | 9.1 | 131 | 891 | 227 |
| RL1018 | 25 | 9.5 | 100 | 30 | 7.6 | 200 | 7.6 | 109 | 709 | 227 |
| RL918 | 25 | 8.55 | 100 | 30 | 7.6 | 200 | 6.5 | 93 | 574 | 227 |
| RL818 | 25 | 7.6 | 100 | 30 | 7.6 | 200 | 5.6 | 79 | 454 | 227 |
| RL718 | 25 | 6.75 | 100 | 30 | 7.6 | 200 | 4.7 | 68 | 358 | 227 |
| Square Meshes With Edge Side Lapping Wires (Square Low Ductility Series) | | | | | | | | | | |
| SL102 | 10 | 9.5 | 200 | 30 | 9.5 | 200 | 5.6 | 80 | 354 | 354 |
| | 4 | 6.75 | 100 | | | | | | | |
| SL92 | 10 | 8.55 | 200 | 30 | 8.55 | 200 | 4.5 | 65 | 287 | 287 |
| | 4 | 6 | 100 | | | | | | | |
| SL82 | 10 | 7.6 | 200 | 30 | 7.6 | 200 | 3.6 | 52 | 227 | 227 |
| | 4 | 6 | 100 | | | | | | | |
| SL72 | 10 | 6.75 | 200 | 30 | 6.75 | 200 | 2.8 | 40 | 179 | 179 |
| | 4 | 4.75 | 100 | | | | | | | |
| SL62 | 10 | 6 | 200 | 30 | 6 | 200 | 2.3 | 33 | 141 | 141 |
| | 4 | 4.75 | 100 | | | | | | | |
| Square Meshes Without Edge Side Lapping Wires | | | | | | | | | | |
| SL81 | 25 | 7.6 | 100 | 60 | 7.6 | 100 | 7.3 | 105 | 454 | 454 |
| Trench Meshes (Low Ductility Series) | | | | | | | | | | |
| L12TM | n | 11.9 | 100 | n | 4.75 | 300 | n/a | n/a | 1112 | 65 |
| L11TM | n | 10.65 | 100 | n | 4.75 | 300 | n/a | n/a | 891 | 65 |
| L8TM | n | 7.6 | 100 | n | 4 | 300 | n/a | n/a | 454 | 65 |

Notes: n = variable number dependent on mesh size. n/a = not applicable.