

# Mine Mesh Product Data



Solutions from Materials Technology





# Mine Mesh

Mine Mesh provides surface support coverage to loose rock between installed rock bolts in underground mining excavations. Minova is an exclusive Australian distributor of ASW mine mesh and has supplied this mesh to mining customers throughout Australia since October 2008. ASW mine mesh is manufactured in Australia to strict quality control guidelines and relevant Australian Standards and product conformance certificates are available on request. Multiple configurations of mesh are available including numerous sheet sizes, apertures, wire diameters and black or galvanised wire. Specific mesh products are available to suit metal mining and coal mining requirements. ASW manufactures mine mesh for Minova Australia at their Sydney and Perth facilities. ASW's manufacturing capacity, facilities and quality control standards have been thoroughly evaluated by Minova in accordance with our AS/NZS ISO9001:2000 accredited quality system.



## Technical Data

| Product Code | Sheet Size (mm) | Wire Diameter (mm) | Aperture (grid spacing – mm) | Black or Galvanised | Weight per Sheet (kg) | Wire Tensile strength MPa | Break Force of Weld |
|--------------|-----------------|--------------------|------------------------------|---------------------|-----------------------|---------------------------|---------------------|
|              | 1500 x 1200     | 3.15               | 100 x 100                    | Black               | 2.4                   | 500 – 650                 | 2.5 kN              |
|              | 1700 x 1200     | 4.0                | 100 x 150                    | Black               | 3.6                   | 500 – 650                 | 4.7 kN              |
|              | 1700 x 1200     | 4.0                | 100 x 100                    | Black               | 5.4                   | 500 – 650                 | 4.7 kN              |
|              | 3000 x 2400     | 4.0                | 75 x 50                      | Galvanised          | 24.3                  | 500 – 650                 | 4.7 kN              |
| MS905557     | 1700 x 4000     | 5.6                | 100 x 100                    | Galvanised          | 30.0                  | 500 – 650                 | 9.5 kN              |
| MS905500     | 3000 x 2400     | 5.6                | 100 x 100                    | Galvanised          | 30.0                  | 500 – 650                 | 9.5 kN              |
| MS900000     | 3000 x 2400     | 5.6                | 100 x 100                    | Black               | 30.0                  | 500 – 650                 | 9.5 kN              |
| MS905515     | 4500 x 1700     | 5.6                | 100 x 100                    | Galvanised          | 33.0                  | 500 – 650                 | 9.5 kN              |
| MS905518     | 4000 x 2400     | 5.6                | 100 x 100                    | Galvanised          | 40.0                  | 500 – 650                 | 9.5 kN              |
| MS905559     | 4500 x 2400     | 5.6                | 100 x 100                    | Galvanised          | 44.0                  | 500 – 650                 | 9.5 kN              |
| MS905530     | 6000 x 2400     | 5.6                | 100 x 100                    | Galvanised          | 60.0                  | 500 – 650                 | 9.5 kN              |
| MS905535     | 2400 x 1500     | 4.0                | 100 x 100                    | Galvanised          | 15.0                  | 500 – 650                 | 4.7 kN              |
| MS905556     | 3000 x 1700     | 5.6                | 100 x 100                    | Galvanised          | 22.0                  | 500 – 650                 | 9.5 kN              |
| MS905558     | 6000 x 1700     | 5.6                | 100 x 100                    | Galvanised          | 43.0                  | 500 – 650                 | 9.5 kN              |

## Testing Standards

|                                       |                  |
|---------------------------------------|------------------|
| <b>Mesh Manufacture</b>               | AS4671           |
| <b>Welding</b>                        | AS1304 – 1991    |
| <b>Galvanising</b>                    | AS2423           |
| <b>Destructive Test Frequency</b>     | Every 500 sheets |
| <b>Non-destructive Test Frequency</b> | Every 25 Sheets  |



## Product Service Support

Minova provides a full service support package to customers, including underground pull testing, operator awareness training, underground audits and stock control assistance. Each service package is developed to suit the individual customers requirements.

All aspects of Minova's product service support service is provided by experienced trained and qualified personnel.

## Additional Information

For additional information relating to any aspect of this product specification data, including product performance, quality, testing, specification, range, availability etc. please contact your nearest Minova office, or email: [technicalsupport@minovaint.com](mailto:technicalsupport@minovaint.com)

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