

## Mining Mesh

Gusset Weld Mine Screening (GWMS) mesh / Blast on Mining mesh is a grid of high tensile steel wires that's welded together at the intersections to reinforce structures in mining operations as it is designed to withstand the harsh conditions of mining operations.



Mining Mesh is used for a variety of purposes, including:

### Supporting roofs and walls:

Mining Mesh provides critical support for roofs and walls in underground mining operations.

### Reinforcing mine shafts:

Provides support and stability to mine shafts, preventing collapses

### Creating a safety net:

Installed between rock bolts to create a safety net for workers

## UNIQUE BENEFITS

- By installing our GWMS mesh it drastically reduces the risk of injuries and fatalities.
- The product is extremely strong and durable.
- Available in different sizes to suit the different application needs.
- The mesh is flush cut on all sides to prevent injuries during the handling process and is safe and easy to install.
- Easy transportation and storage of GWMS mesh.



Mining mesh can come in different configurations, including: Sheet sizes, Apertures, Wire diameters, and are produced with either Galvanized or black wire.

## TECHNICAL INFORMATION

5.6mm Galvanised Mining Mesh	5.6mm Black Mining Mesh	5.0mm Galvanised Mining Mesh	5.0mm Black Mining Mesh	4.0mm Galvanised Mining Mesh	4.0mm Black Mining Mesh
<b>Mechanical:</b> Tensile Strength (MPa): 400-600 Elongation at Fracture (%): 14.0 Minimum	<b>Mechanical:</b> Tensile Strength (MPa): 450 - 650 Elongation at Fracture (%): 12.0 Minimum	<b>Mechanical:</b> Tensile Strength (MPa): 400-600 Elongation at Fracture (%): 14.0 Minimum	<b>Mechanical:</b> Tensile Strength (MPa): 450-650 Elongation at Fracture (%): 14.0 Minimum	<b>Mechanical:</b> Tensile Strength (MPa): 400-600 Elongation at Fracture (%): 14.0 Minimum	<b>Mechanical:</b> Tensile Strength (MPa): 400 - 650 Elongation at Fracture (%): 7.0 Minimum
<b>Min Weld Shear:</b> 9.3kN	<b>Min Weld Shear:</b> 7.5kN	<b>Min Weld Shear:</b> 7.5kN	<b>Min Weld Shear:</b> 6kN	<b>Min Weld Shear:</b> 5.0kN	<b>Min Weld Shear:</b> 4.3kN
<b>Min Weld Penetration:</b> 10%	<b>Min Weld Penetration:</b> 10%	<b>Min Weld Penetration:</b> 10%	<b>Min Weld Penetration:</b> 10%	<b>Min Weld Penetration:</b> 10%	<b>Min Weld Penetration:</b> 10%
<b>Physical:</b> Diameter: 5.54mm - 5.64mm Zinc Coating Mass (g/m <sup>2</sup> ): 80 Minimum	<b>Physical:</b> Diameter: 5.54mm - 5.64mm Zinc Coating Mass (g/m <sup>2</sup> ): None	<b>Physical:</b> Diameter: 4.95mm - 5.05mm Zinc Coating Mass (g/m <sup>2</sup> ): 80 Minimum	<b>Physical:</b> Diameter: 4.95mm - 5.05mm Zinc Coating Mass (g/m <sup>2</sup> ): None	<b>Physical:</b> Diameter: 3.81mm - 4.05mm Zinc Coating Mass (g/m <sup>2</sup> ): 80 Minimum	<b>Physical:</b> Diameter: 3.81mm - 4.05mm Zinc Coating Mass (g/m <sup>2</sup> ): None