

HARD ROCK MINING

MESH STRAPS

HEAVY DUTY MESH STRAP

DESCRIPTION

Mesh straps are flat sheets of larger wire diameter suitable for wall support. Due to heavy duty wire Mesh Straps can withstand higher load compared to standard mine mesh. Mesh Straps are suitable for Mesh arches and rehabilitation purposes.

Minova Mesh Strap is manufactured from heavy duty steel wire, employing resistive contact welding to provide superior weld junction strength. Multiple configurations of mesh are available including numerous sheet sizes, apertures, wire diameters. Mesh Strap is available in black or galvanised finish



APPLICATION AND USES

Primary use in hard rock mining and tunneling development used in conjunction with Secura Bolts, Strata Bolts and MY Bolts.

ADVANTAGES

- Compatible with various mine drive dimensions and ground conditions
- Easy to handle and install.
- Optimized for shotcrete application.
- Assists consistent placement of rock bolt patterns.
- Suitable for Rehabilitation application.

TECHNICAL DATA

Mechanical Properties

Property	Value
Length(mm)	3000
Width (mm)	300
Wire Diameter ¹ (mm)	8
Aperture ² (mm)	100x100
Weld Junction Strength ² (kN)	23
Wire Cross Sectional Area ² (mm ²)	50
Wire Tensile Strength ² (Mpa)	530
Wire Yield Strength ² (Mpa)	500

¹ Minimum Values, ² Typical Value

Plates

Minova can supply a comprehensive range of plates for use with mesh.

Item No.	Description	
NT0005101	PLATE MESH HAT R28X200 GL	
NT0005115	PLATE COM MY 280X300 200X165X5 GL	
NF0000192	PLATE COM 280X300 150X47MM GL	

PACKAGING AND TRANSPORTATION

Mesh is packaged in bundles of 50.

Pre-installed looped poly slings for ease of lifting

APPROVALS AND CERTIFICATES

Comply with AS 1554.1
Comply with AS/NZS 4680

TECHNICAL SUPPORT

We provide technical advisory service by a team of specialists in the field. The service includes on site assistance and advice on evaluation trials and laboratory work. All technical data sheets can be found on www.minovalglobal.com.

MANUFACTURER

Minova Australia Pty Ltd

An ISO 9001:2015 Quality Management Certified Company



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ADDITIONAL INFORMATION

Minova Australia offers a comprehensive range of products, all of which have been developed after extensive research and testing on a global scale via our international network of operations. These products include:

- Resin anchor systems
- High yield grouts and foams
- Monolithic chock systems
- High performance cable bolt grouts
- Polyurethane resin systems
- Sprayable coatings for ventilation control
- Water-stop grouts
- Ventilation formwork systems including: Meshblock and Tecmesh
- Grout mixers and batchers both air and hydraulically operated
- Contract Installations
- Flexible membranes for strata support and waterproofing applications

CUSTOMER SERVICE

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