

Welded wire mesh sheet

Product code: WB/WG
Category: Welded mesh

Introduction

The Welded wire mesh sheet ensures underground safety through robust surface support. Made from electrically resistance-welded wire strands, it is available in various configurations with customizable gauges and spacing to meet specific performance needs.

Key features

- Designed to match unique mine drive dimensions and ground conditions
- Suitable for shotcrete application
- Provides consistency of rock bolt pattern
- Typically flush all round



Product code guide

Type	Coating	Wire diameter		Aperture
W	B	4/5	4	4
W	G	4/5	4	6

Physical properties

Minimum ultimate tensile

Line wire	Cross wire	WH heavily galvanised 380 MPa Coating Weight 320 g/m ² minimum		WG galvanised 380 MPa Coating Weight 80 g/m ² minimum	
		Min. wire tensile	Weld shear	Min. wire tensile	Weld shear
4.0 mm	4.0 mm	4.8 kN	3.6 kN	4.8 kN	3.6 kN
5.0 mm	5.0 mm	7.5 kN	7.0 kN	7.5 kN	7.0 kN
5.6 mm	5.6 mm	9.4 kN	8.0 kN	9.4 kN	8.0 kN
8.0 mm	8.0 mm	19.1 kN	15.1 kN	19.1 kN	15.1 kN

Minimum ultimate tensile

Line wire	Cross wire	WB bright (BRT) 500 MPa		WB bright (BRT) 380 MPa ductile hard rock	
		Min. wire tensile	Weld shear	Min. wire tensile	Weld shear
4.0 mm	4.0 mm	6.3 kN	4.7 kN	4.8 kN	4.7 kN
5.0 mm	5.0 mm	9.8 kN	7.4 kN	7.5 kN	7.4 kN
5.6 mm	5.6 mm	12.3 kN	9.2 kN	9.4 kN	9.2 kN

Typical size options

Length	Width	Aperture
1000 - 6000 mm	1200 - 2500 mm	Line wire 100 - 150 mm and cross wire 50mm and greater

Notes

— DSI Underground is Quality Assured to ISO 9001:2015

Mobile App

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iOS



Android

Legal disclaimer

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