

OSRO Strap

Product code: OSRO

Product specification:

Category: Chain link mesh

Introduction

OSRO (Off-Surface Rock Support), referring to mesh systems designed to stabilize rock masses indirectly by distributing loads and enhancing surface support. OSRO-Straps improves the stability of the rock surface by tightly securing the mesh and ensuring effective load transfer to rock bolts or anchors.

Key features

- Commonly used when surface support is required in environments with ongoing deformation or seismically active
- The longitudinal wire strand is able to slip under load conditions through the cross wires to distribute load over several bolts
- OSRO straps provide a large surface confinement to loose rock that can form between bolts
- Weld specification AS/NZ4680
- Corrosion protection can be provided by hot dip galvanising



Product code guide

Type	Length	Coating
OSRO	4000	G

Physical properties

Typical yield strength of wire	Minimum ultimate strength wire	Coatings
400MPa	500 - 800MPa	Hard drawn low carbon wire

Nominal length	Roll width	Cross wire diameter	Longitudinal Wire Size	Mass	Aperture
10,000 mm	1,200 mm	2.5 mm	50 mm	4.1 kg/m	170 x 62 mm

Standard length and packaging

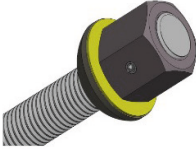
- Typical lengths: 1000 mm, 2000 mm, 3000 mm, 4000 mm, 5000 mm, 5800 mm, 6000 mm by 300 mm width
- Standard packs of 25, Custom packaging by negotiation

Notes

DSI Underground is Quality Assured to ISO 9001:2015

Product accessoires examples

We manufacture a comprehensive range of products specifically designed for this mesh.

Product group	Butterfly plate	Thread bar	Bolts
Product imagery			
Product code	BUTT	TB	CS5

Mobile App

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iOS



Android

Legal disclaimer

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