

COAL/HARD ROCK MINING

FLEXIMESH

EASY TO INSTALL BRATTICE VENTILATION STOPPING

DESCRIPTION

Minova Fleximesh is an easy-to-install temporary secondary ventilation device that allows for the stopping of air flow to or from an area of a mine that may require complete access at a later stage.

Minova has developed the Fleximesh stopping cloth as a light-weight replacement for stoppings constructed with steel reinforcing sheets and a cloth backing. A Fleximesh stopping cloth can be carried by two personnel. The 6.9m x 7.5m stopping cloth will fit most drive profiles.

Fleximesh cloth is comprised of high tenacity polyester yarns, crafted into a stable interlocking pattern, and then coated for protection from installation damage. The high modulus polyester grid has a flame-retardant polymer protection coating (FRAS tested in Germany and Australia).

APPLICATION AND USES

- Temporary airflow stoppings
- Scat Control



TECHNICAL DATA

PHYSICAL PROPERTIES			
Properties	Unit	Test Method	Nominal Value
Raw Material			PET
MD/CMD			
Coating			FRAS Polymer
Mass	g/m ²	DIN EN ISO 9864	590
MECHANICAL PROPERTIES			
Nominal Tensile Strength MD	kN/m	DIN EN ISO 10319	≥80
Nominal Tensile Strength CMD			
Strain At Nominal Tensile Strength MD	%	DIN EN ISO 10320	≤12.5
Strain At Nominal Tensile Strength CMD			

ADVANTAGES

- Reliable long-term stability with minimal deformation
- Extended durability across all sections of a mine or quarry
- FRAS (Flame Retardant and Anti-Static) polymer coating for enhanced safety
- High-visibility protective coating

APPLICATION METHOD

Attach the high strength webbing located around the periphery of the Fleximesh to the knocker line using air-line safety clips. A lightweight ventilation cloth is now ready to attach to the Fleximesh. The Fleximesh stopping under ventilation pressure will form a catenary that fits the drive profile.

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.

MANUFACTURER

Minova Australia Pty Ltd

An ISO 9001:2015 Quality Management
Certificated Company



FS 603747

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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