

MINING HOSES

MINEFLEX[®]

High Pressure Dewatering Hose

HoseSolutions Inc 

MINEFLEX[®]

High Pressure Dewatering Hose

MINEFLEX is a high-pressure, high strength lay-flat hose designed for pumping aggressive water around mine sites. Safety and efficiency are important factors when choosing products for these applications.

MINEFLEX is manufactured with high tenacity fibers completely protected with an abrasion-resistant, polyurethane material.



Mine Dewatering

MINEFLEX has been designed to assist with mine dewatering where the constant movement of pumps and surface equipment makes rigid and semi-rigid piping a problem. Being totally lay-flat, this product is light-weight and easy to handle.



right:
*Mine water
pumping*



***MINEFLEX** in operation in sub-zero conditions*

Due to its flexibility and construction, **MINEFLEX** is ideal in sub-zero conditions where freezing conditions can cause splitting and handling problems to rigid pipes.



*2,000 m x 10" **MINEFLEX** ready for delivery*

Due to its roll-flat nature, **MINEFLEX** can be packaged on spools and shipped very efficiently. This results in savings on storage and transportation costs.

MINEFLEX is an extra tough, abrasion resistant hose ideal for pumping heavy solids over aggressive mining terrains.

Transfer of the **MINEFLEX** hose to the deployment system is fast and easy. The **MINEFLEX** is spooled from the packing onto reelers for easy deployment.



***MINEFLEX** in action*

Why **MINEFLEX**

- Extra abrasion resistant for rugged terrain and extreme conditions
- Resistant to oil and chemicals
- Integrated inner and outer coating of abrasion resistant Polyurethane
- Heavy duty, high pressure applications
- UV Stabilized
- pH 3 – pH10 at ambient water temperature
- Flexible in all weather conditions from -40 deg C to 70 deg C.(-40 deg F to 160 deg F)
- Available in standard 100m (330ft) and 200m (660ft) lengths
- Longer or shorter lengths available on request
- Manufactured by an ISO 9001 Approved Company



MINEFLEX - Consider it done



Mine Flooding = No production

Time is money and when the rain starts production slows. Loss of production in the modern day is inexcusable. All scenarios are usually planned for and discussed. A focus is kept on operating the mine in a safe and efficient manner.

Using the **MINEFLEX** Reelers, hose can be deployed along haul roads or down the pit wall. Pumping can begin in a matter of hours instead of days.



High pressure dewatering

MINEFLEX hardware offers the most efficient connections in the business. These fittings are field attachable using a simple Allen Key and no special tools or pipe welding is required.

QUICK - EFFICIENT - SAFE

This is the key!

Rugged terrain, high pressure, corrosive environments, extreme conditions.

This is where you will find the **MINEFLEX**.



*Quick connect Clamps and snap on Flanges all make **MINEFLEX** the obvious choice.*

MINEFLEX on floating barge



MINEFLEX Grooved End Fittings.

MINEFLEX[®]

High Pressure Dewatering Hose

Specifications

| NORMAL SIZE | 4" | 6" | 8" | 10" | 12" |
|---------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|
| INSIDE DIAMETER | 102 mm | 152 mm | 205 mm | 254 mm | 305 mm |
| BURST PRESSURE | 600 psi 42 bar | 600 psi 42 bar | 600 psi 42 bar | 600 psi 42 bar | 500 psi 35 bar |
| OPERATING PRESSURE | 240 psi 17 bar | 240 psi 17 bar | 240 psi 17 bar | 240 psi 17 bar | 205 psi 14 bar |
| TENSILE STRENGTH | 22,000 lb 10,000 kg | 40,000 lb 18,000 kg | 84,000 lb 38,000 kg | 100,000 lb 45,000 kg | 120,000 lb 55,000 kg |
| WEIGHT OF FITTING | 7 lb 3 kg | 9 lb 4 kg | 17 lb 8 kg | 23 lb 10 kg | 25 lb 11 kg |
| FITTING BOLT TORQUE | 35 ft.lb 48 Nm | 45 ft.lb 61 Nm | 50 ft.lb 68 Nm | 60 ft.lb 82 Nm | 60 ft.lb 82 Nm |
| WEIGHT OF MINEFLEX | 0.7 lb./ft 1.1 kg/m | 1.3 lb./ft 1.9 kg/m | 2.0 lb./ft 3.0 kg/m | 2.8 lb./ft 4.2 kg/m | 3.4 lb./ft 5.1 kg/m |

Our policy of continuous improvement can result in changes to specifications without prior notice.

This product is not for use with contaminated water without prior written approval.

Mine conditions require quick, efficient and safe solutions to a host of continually changing circumstances.



12" MINEFLEX on floating barge

With its abrasion-resistant polyurethane material, **MINEFLEX** is there to deliver results.

Supplied By:

Sales@HoseSolutions.com
HoseSolutions.com

9419 E. San Salvador Dr., Suite #104
Scottsdale, AZ 85258 USA
+1 (480) 607-1507

HoseSolutions Inc

Ref: 041922