

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.*

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## High Pressure Dewatering Hose

### Specifications

NORMAL SIZE	4"	6"	8"	10"	12"
INSIDE DIAMETER	102 mm	152 mm	202 mm	254 mm	304 mm
BURST PRESSURE	55 bar 800 psi	50 bar 725 psi	42 bar 600 psi	42 bar 600 psi	27 bar 410 psi
OPERATING PRESSURE	22 bar 320 psi	20 bar 290 psi	14 bar 200 psi	14 bar 200 psi	10 bar 160 psi
TENSILE STRENGTH	10,000 kg 22,000 lb	18,000 kg 40,000 lb	38,000 kg 84,000 lb	45,500 kg 105,000 lb	56,000 kg 123,000 lb
WEIGHT OF FITTING	3 kg 7 lb	4 kg 9 lb	8 kg 17 lb	10 kg 23 lb	11 kg 25 lb
FITTING BOLT TORQUE	40 Nm 30 ft.lb	47 Nm 35 ft.lb	47 Nm 35 ft.lb	47 Nm 35 ft.lb	47 Nm 35 ft.lb
WEIGHT OF MINEFLEX	1.5 kg/m 1.0 lb/ft	2.7 kg/m 1.8 lb/ft	3.7 kg/m 2.5 lb/ft	4.4 kg/m 2.9 lb/ft	6.0 kg/m 4.0 lb/ft

*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:**

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