

• CUSTOMER SERVICE • INNOVATION • MANUFACTURING • QUALITY • TECHNICAL EXPERTISE • EXCELLENCE • DESIGN •

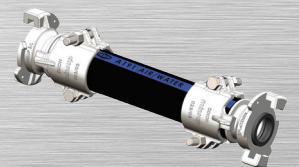
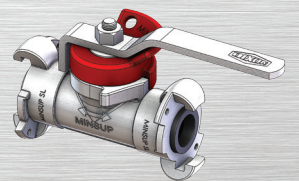


The Right Connection®

Mining Product Range



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Dixon Mining Product Range

MINSUP™ CLAW COUPLINGS



Applications

Minsup™ claw couplings are a universal hose coupling that provides a quick, safe & reliable connection and used in conjunction with Minsup™ clamps, for conveying air & water in a variety of underground & surface mining applications.

Materials

- 316 stainless steel
- SG iron 1083 zinc plated

Features

- Quick & easy, airtight connection
- Standard coupling head ensures the interchangeability of sizes

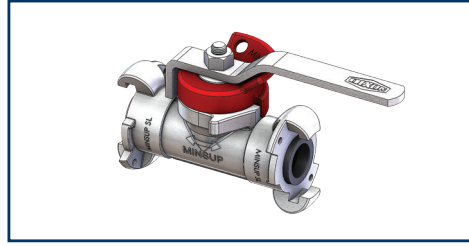
Options

- A Type BSP M/F with standard seal (500 PSI)
- A Type BSP M/F with bellow seal (1000 PSI)
- Surelock™ BSP M/F (1000 PSI)
- Various seal materials & NPT threads available

Sizes

- A Type 3/8" – 1¼"
- Surelock 3/8" – 3"
- Clamps ½" – 3"

MINSUP™ ECONOVALVES



Applications

General purpose ball valve with a solid construction and a unique one piece ball and stem; suitable for mining and industrial applications.

Materials

- Body: SG iron ISO 1083
- Seals: Nitrile Butadiene

Features

- ½" - 1" = 500 PSI WP
- 1½" - 2" = 300 PSI WP

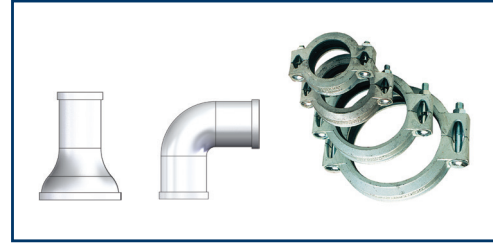
Options

- BSP female
- Surelock™
- Lockout device

Sizes

- Sizes range from ½" - 2"

SHOULDERED PIPE FITTINGS



Applications

Shouldered couplings and fittings are used to join shouldered end pipe & fittings in mining and construction industries to transfer water or air.

Materials

- Couplings: SG iron
- Fittings & pipe: mild steel galvanised

Features

- Couplings to AS1831 400-250-12
- Standard gasket is Buna-N
- Fittings & pipe to AS1792:2006

Options

- EPDM gasket is available on request

Sizes

- Range from 50mm to 600mm

HOSE (AIR & WATER)



Applications

A wide range of suction and delivery hoses suitable for a variety of industries in addition to mining such as construction and general maintenance.

Materials

- Rubber and PVC

Features

- UV stabilised

Options

- Rubber Super Air & Water delivery
- Rubber Heavy Duty Air & Water delivery
- PVC Safety Yellow Air & Water delivery
- PVC & Rubber FRAS

HOSE ASSEMBLIES



Applications

A full range of hose assemblies for your mining requirements:

- Rubber & PVC
- Air / water hose assemblies
- Crimped or Bolted clamp end connections
- Custom made assemblies
- Hydro-statically tested & certified

HOSE (MATERIAL HANDLING)



Applications

Heavy duty material handling hose, suitable for suction and delivery in the transfer of bulk, slurry, cement and abrasive products especially designed for severe applications such as mines.

- Muff coupling hose
- R.C. sampling hose
- Custom hand built material handling
- Hose assemblies

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CAMLOCKS



Applications

The Dixon Cam & Groove coupling is a quick connect coupling for use on hose, pipe, tubing and tanks conveying a wide variety of liquids, dry bulk materials and vapours.

Materials

- Aluminium, stainless steel CF8M, bronze, brass, poly, nyglass

Features

- Leak proof connection
- Easy to use – no tools required

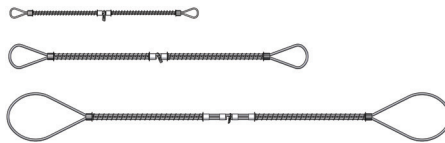
Options

- Male & Female BSP threads
- Male & Female NPT threads
- Hose tail

Sizes

- 15mm – 200mm

MINSUP™ WHIPCHECKS



Applications

Ideally suited to heavy industrial, mining, quarries or construction where the transfer of media is under high working pressure.

Materials

- G15710 GC galvanised steel
- Mild steel ferrules
- Zinc plated steel spring

Features

- Hose-to-hose
- Crimped steel ferrules suitable for underground coal mines
- Highly resistant to rust & corrosion
- No tools needed, easy to install & remove

Sizes

- 3 size ranges available; small, medium and large

CLAMPS



Applications

A range of general purpose band clamps and tools suitable for mining applications.

- Mikalor super clamps (W4) 304 stainless steel
- Mikalor super clamps (W1) mild steel
- K series band clamp 300 series stainless steel
- F series band clamp 300 series stainless steel
- Ultra-Lok Band clamp 201 stainless steel
- Band & buckles 201 stainless steel

VALVES



Applications

A range of general purpose valves such as; ball, knife gate, diaphragm, butterfly and check valves suitable for mining applications.

Body Material

- 316 stainless steel
- Cast and ductile iron

Features

- Lockable options

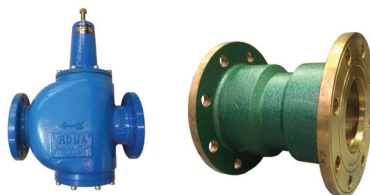
Options

- BSP, flanged and shouldered connections available

Sizes

- 6mm to 300mm

PRESSURE REDUCING VALVES

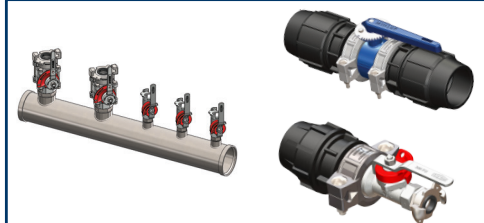


Applications

Reducing static & dynamic fluid pressure in fresh and flush water applications in mines and high rise buildings.

- Roma pressure reducing valve
- Ration pressure reducing valve

VALVE / HEADER ASSEMBLIES



Applications

Valve assemblies are a combination of commonly used products to create a pre-assembled kit to assist with saving on installation time. They are used for transferring air/water in underground mining applications.

- Custom design available
- Detailed drawings available

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PLASSON



Applications

Plasson compression fittings are designed for connecting all forms of PE pipe.

Body Material

- Couplings - SG iron
- Fittings & pipe - mild steel galvanised

Features

- 2 split rings, 2 seals, 2 nuts
- ISO 17885, AS/NS 4129, ISO 7/1, BS 21, DIN 2999, UNI 9561, NEN 3258, AS 1722, DIN 8076

Options

- Other split ring and seal materials available on request
- Metric and BSP fittings available

Sizes

- Range from ½" to 6"



FLOWMAX FLUID MANAGEMENT



Applications

Designed for onsite refueling of construction, mining, forestry and agricultural equipment.

Body Material

- Anodised aircraft grade aluminum
- Stainless steel

Features

- Colour coded for quick & easy identification
- Provides protection against cross contamination
- Interchangeable with industry standard

Options

- Nozzles
- Receivers
- Connectors

Sizes

- Nozzles 1" - 2"
- Fittings ½" - 1"

DY-MARK PAINT



Applications

Mine Marking paint specially formulated for above/below ground areas such as marking out ore zones in grading control, pit walls and survey grid layouts.

Material

- High opacity, true colour pigment

Features

- 360°C valve for any direction spray

Options

- Horizontal & vertical mine marking
- Variety of colours

ANFO PRESSURE LOADERS



Applications

Minsup™ pressure loaders are designed for loading drilled ammonium nitrate/fuel oil (ANFO). A full range of spare parts are also available.

Materials

- Mild steel

Features

- Available in a variety of sizes
- A variety of operation methods available

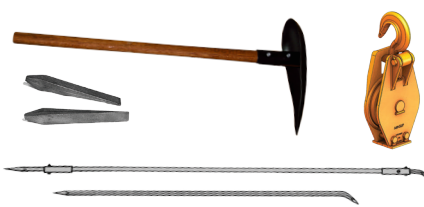
Spares

- Full range of spare components available

Sizes

- Sizes range from 45kg – 500kg

HAND HELD MINING



Applications

A wide range of tools and accessories available for your mining requirements:

- Minsup™ scraper block
- Minsup™ pelican picks
- Rock bolt wedges
- Scaling bars

LIFTING GEAR



Applications

A variety of equipment and accessories to assist with your mining requirements

- Galvanised steel rope
- Poly rope
- Galvanised steel shackles
- Galvanised steel chain

High quality solutions for safe reliable performance

Dixon is a premier manufacturer and supplier of mining fluid transfer products for a wide range of applications and is the exclusive manufacturer of Minsup™ fittings.

With an unsurpassed reputation Dixon is committed to providing value added services, superior customer service, technical support and training to the mining industry. With our global distribution footprint Dixon can efficiently service our customers with the right goods at the right time.

The mining range focuses on a maximum level of safety, high quality, reliability and every hose, fitting, valve or component - is built to last longer, perform better and reduce the risk of down-time. In addition, Dixon offers a complete range of made to order hose assemblies which can be tested, certified and feature Dixon hose, couplings, clamps and ferrules providing a fully integrated and safe Dixon assembly.

Ultimately our most important connection is with our customers and Dixon is committed to being the easiest company to do business with everyday.

Andrew Prentice
Managing Director, Dixon (Asia Pacific)
Group Vice President, Dixon Overseas Operations.



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Dixon designs and manufactures just the right solution to meet those special fluid transfer challenges where a standard product just won't do.

The difference boils down to commitment. It's called *Uncommon Excellence*[™] – and we've been living it for over a century.



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