



Surelock Quick Acting Couplings

Dixon's new Surelock fittings match or exceed the working pressure of most premium air and water hoses up to 500 PSI !

The working pressure of any assembly is determined by the lowest pressure rating of the components, hose, fittings and attachment method. Because of their unique natural rubber 'bellows' seal Surelock fittings are rated up to **500PSI** working pressure for air and water service. Surelock hose fittings can be double banded or permanently attached with a ferrule. Make sure your 500 PSI hose has a fitting designed to handle the pressure. For "The Right Connection" use Dixon Surelock fittings.

The Surelock coupling is a multi-purpose coupling for water and air, commonly used in construction and mining. This coupling excels where ease, economy, safety and speed are paramount. They are stocked in sizes from 1/2" through 2". The pressure activated bellows gasket allows easy coupling (less than 15 lbs. of force is required to connect the coupling) and gaskets seal upon introduction of line pressure.



Safety pins are required as a safety precaution.

Specifications:

- Body: SG iron AS1831 400-250-12
- Bellow seal: natural rubber (patent pending), other seal material available upon request
- Working pressure: **500 PSI**



female NPT



male NPT



hose shank

Surelock Fittings with Ferrules

Universal design provides quick, easy and effective coupling of air hose. Exclusive interlocking ferrule can be crimped or swaged to achieve maximum coupling sealing and retention with a low profile streamline appearance. *Consult factory for crimp recommendations.*



Dixon recommends that all hose assemblies be tested in accordance with RMA testing procedures.

- Rated to **500 PSI** working pressure.
- *For air and water service only.*

SAFETY
ALERT

Surelock Accessories

Blank Ends



Three Way Connectors



Standard Natural Rubber Bellows Seals



Safety Locking Pin

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Warning: The use of a safety locking pin is necessary to ensure that Surelock couplings will not become accidentally disconnected. This guarantees that the fittings are properly connected as the pin will not go through the holes in both couplings until the couplings are locked into place.



Hose Coupling Safety

- Use Dixon couplings, retention devices and accessory products **only** for their intended service.
- All recommendations of the Hose Manufacturer, and the Coupling Manufacturer, must be employed with regards to **Size, Temperature, Application, Media, and Pressure** when selecting the components for a hose assembly.
- All finished hose assemblies should be tested in accordance with the **Rubber Manufacturers Association** recommendations.
- All hose assemblies should be thoroughly inspected prior to each use to insure they are undamaged, and properly coupled.
- Use safety clips on couplings, and King Safety Cables on assemblies where required by the manufacturer, as well as State and Federal regulations.
- Call Dixon (1-877-963-4966) for advice on couplings, retention devices, and accessories for your application.



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