

Important Safety Alert

Part Numbers:

PBS2106, PBS2108, PBS2110, PBS2113, PBS21CF, PBS21CM, PBS21EF, PBS21EM, PBS21JF, PBS21JM.

Description:

Push Button Safety Couplings

Date Product Sold: **01.09.2023 – 31.01.2026**

Dear Customer,

We wish to inform you that we have identified a potential risk of unexpected line pressure release with our Push Button Safety Coupling range.

Quality testing has identified a risk of incorrect alignment upon insertion of the male adaptor into the female push button coupling housing - for example, if inserted at an angle it is possible that the adaptor will not latch and may result in an unexpected release of line pressure open to the environment.



It is essential therefore that appropriate care and attention is paid to the correct insertion and latching of the adaptor, and that in the event of such a release users are aware to close the line pressure by pressing the safety button twice to reset the mechanism.

To mitigate this potential risk, we have amended our safety instructions as attached. It is essential that these amended instructions are made available to end users, and we ask that you inform your customers accordingly and provide those further down the supply chain with this safety alert.

Your PCL account manager is available to facilitate this and answer any questions you may have. Product quality and safety are our principal priorities, and we appreciate your support in assisting with this issue.



Signature

Date of issue 10/02/2026

Steve Martin
Compliance Manager



Coupling Safety Instructions

Compressed air is a source of stored energy. Treat it with respect, as incorrect use can cause serious injury. Read these instructions carefully before using the product and keep them for future reference. Use the product carefully and only for its intended purpose. Failure to do so will invalidate the warranty.

Airline couplings are within scope of the PED / PE(S)R and as such are manufactured to Standard Engineering Practice (SEP)

1. OPERATION

- We recommend using a quick release coupling and hose configuration for connection to your tool. The compressed air source should have a quick release coupling (QRC) as the outlet. The air-hose should have a suitable adaptor to connect to the QRC and terminate with a QRC. You should connect a suitable adaptor to the tool and then connect to the QRC on the air hose.
- PCL supply many types of QRC. Consider which type is most suitable for your application.
- Ensure the flow rate of the coupling matches your tool requirement.

2. SPECIFICATION

Coupling Max Pressure Rating	
145psi/10bar	Push Button Safety Coupling
200psi/14bar	Vertex, Airflow, Slide Safety, Euro Safety, 100 series, 60 series
250psi/17bar	Shrader, Instant Air
508psi/35bar	PF, ISO ,Mini, Multi-fit,KF

3. SAFETY

- Check for damage or excessive wear on coupler, adaptor and hose before use. **DO NOT USE** if there are any visible signs of wear or damage.
- **DO NOT** exceed Max pressure rating of any couplings.
- **ALWAYS** insert an adaptor into any coupling at arm's length. Ensure the coupling is pointing away from the face.
- **ALWAYS** use a Vertex QRC when fitting to a trailing hose. A simple pull test is required to ensure connection is complete prior to pressurising the hose.
- **ALWAYS** wear appropriate PPE (eyes, ears) protection when using QRC and other compressed air accessories.
- When connecting to a fixed airline, ensure QRC is secured/connected securely.
- Use thread tape (PTFE) or thread adhesive to avoid any leakage.
- Ensure you are fully competent/confident using QRC's and compressed air equipment. For further details please visit www.pclairtechnology.com. or [Compressed air safety - HSE](#)
- Keep children, un-trained and infirm personnel away from the work area.
- Ensure when disconnecting the coupling from the adaptor you hold both coupling and adaptor tightly with two hands.
- Ensure you use the correct coupling and adaptor combination. Risk of poor connection/leakage if incorrect adaptor is used.
- Be aware of loud noise of escaping when disconnecting QRC from air supply.
- Hose reels and long hoses store large amounts of compressed air. Secure the hose before disconnecting the adaptor from the QRC safely from air source.
- Ensure a clean air supply is used with the QRC. Use a suitable air filtration system.
- **DO NOT** attempt to couple/uncouple at height. Ensure connections are made at ground level.
- **DO NOT USE QRC** with any air breathing systems or apparatus.
- **DO NOT USE QRC** for transfer of hydraulic fluids, water or gasses other than compressed air.
- **DO NOT USE QRC** when under the influence of drugs or alcohol.
- **SLIDING SLEEVE SAFETY COUPLING:** is two stage. Pull the coupling back once to release air pressure, pull again to release the coupling from the adaptor. Always ensure a tight grip on both coupling and adaptor is maintained.
- **PUSH BUTTON SAFETY COUPLING:** requires one press to release the air, a second press will disconnect from the coupling. Always ensure a tight grip on both coupling and adaptor is maintained when connecting.

WARNING!



- **PUSH BUTTON SAFETY COUPLING:** incorrect alignment upon insertion of the male adaptor into the coupling may result in an unexpected release of line pressure open to the environment.
- Press the button once on the coupling to stop the air venting.
- Press the button a second time to reset the coupling. You will then be able to use the coupling.
- Ensure the coupling is fully reset before attempting to insert an adaptor. Press the button 'twice' if no click is audible, proceed to insert adaptor

NOTE: it is our policy to continually improve our products and as such we reserve the right to alter data, specifications and component parts without prior notice. Please note other versions of these products are available. If you require further details, contact our Customer Service team sales@pclairtechnology.com

Important: No liability is accepted if the product is not used in the way intended.

For further information visit: www.pclairtechnology.com

Disposal of this product: Consult local guidelines: Always check your local waste disposal guidelines to ensure compliance with specific requirements in your area.

Scan for instructions
in your language



da | de | es | fr
it | nl | pl | pt