



Nominal bore: 4.8mm
 Maximum flow rate: 43cfm @ 100psi
 Maximum working pressure: 200psi (14bar)
 Temperature Range: -40°C to 100°C
 Type: single action



For Safety Range see page 22 - 23



Airflow Couplings

Designed for FIXED applications.

The original quick-release coupling with over 50 years of design enhancements. Manufactured in the UK to the highest quality standards

- Compatible with the standard range of adaptors
- Steel construction – robust and hardwearing, ideal for use in the engineering/workshop environment
- Stainless springs and balls – provides additional corrosion and wear resistance
- Positive locking mechanism

Product No.	Thread Type	Thread Size
AC21CM	Male	R 1/4
AC21EM	Male	R 3/8
AC21JM	Male	R 1/2
AC21CF	Female	Rp 1/4
AC21EF	Female	Rp 3/8
AC21JF	Female	Rp 1/2
AC21R	Hose Tailpiece	7mm (1/4")
AC21S	Hose Tailpiece	8mm(5/16")
AC21T	Hose Tailpiece	10mm (3/8")
AC6103	Twin Coupling	-

Standard Adaptors



Designed for use with Airflow and Vertex Couplings

The PCL Standard Air Line Adaptor is suitable for most workshop compressed air applications. Designed and manufactured alongside PCL couplings, this range of adaptors has become the benchmark in the UK for quality and reliability.

- Used in most workshop/garage environments
- Wide choice of thread and bore sizes
- Used with AIRFLOW, VERTEX, twin, non-corrodible and standard safety couplings all highlighted in this directory.
- Case hardened for longer life

Product No.	Thread Type	Thread Size
ACA2593	Male	R 1/4
ACA6909	Male	R 3/8
ACA6584	Male	R 1/2
ACA2746	Female	Rp 1/4
ACA6582	Female	Rp 3/8
ACA6583	Female	Rp 1/2
ACA2486	Hose Tailpiece	4.75mm (3/16")
ACA1793	Hose Tailpiece	6.35mm (1/4")
ACA2487	Hose Tailpiece	7.9mm (5/16")
ACA2488	Hose Tailpiece	9.5mm (3/8")
ACA9438	Hose Tailpiece	13mm (1/2")



For Safety Range see page 22 - 23

Vertex Couplings & Non-Corrodible

Nominal bore: 4.8mm
 Maximum flow rate: 43cfm @ 100psi
 Maximum working pressure: 200psi (14bar)
 Temperature Range: -40°C to 100°C
 Type: double action



PCL
 AIR TECHNOLOGY

Vertex Couplings



Designed for TRAILING hose applications

Designed and manufactured in Sheffield by PCL, these quick release couplings have a double action feature which makes them ideal for trailing hose applications in garage and tyreshop environments (e.g. portable air tools and PCL hand held tyre inflation equipment)

- Incorporates all the features of the AIRFLOW coupling
- Steel construction with corrosive resistant finish – robust and hardwearing
- Protective shoulder prevents dirt penetration and accidental disconnection

Product No.	Thread Type	Thread Size
AC91CM	Male	R 1/4
AC91EM	Male	R 3/8
AC91JM	Male	R 1/2
AC91CF	Female	Rp 1/4
AC91EF	Female	Rp 3/8
AC91JF	Female	Rp 1/2
AC91R	Hose Tailpiece	7mm (1/4")
AC91S	Hose Tailpiece	8mm (5/16")
AC91T	Hose Tailpiece	10mm (3/8")
AC6503	Twin Coupling	-



Non-Corrodible Couplings



- Designed and manufactured by PCL specifically for Ministry Of Defence applications, ideal for breathing air applications, non spark, damp or high condensation environments.
- For use with standard adaptors
- All BRASS body and valve with phosphor bronze balls
- Positive locking mechanism

Product No.	Thread Type	Thread Size
AC32CM	Male	R 1/4
AC32CF	Female	Rp 1/4

