

Quick-Connect System



Conventional fitting

Hose connections reinvented

The innovative "Quick-Connect" system is an easy-to-install and cost-effective alternative to conventional hose connection fittings.

The patented system is suitable for both suction and return lines and has already been tested more than 100,000 times in many different applications in the field.

Tubes that are equipped with these connections can simply be plugged into the appropriate adapters by the user and fixed with the enclosed locking clips. Done!

Time is money

This assembly sequence is significantly faster than the steps required for conventional fittings, and no tools are needed. Therefore this coupling system is also ideal for very confined spaces.

Cost benefits

- › by dispensing with hose fittings & screw-in adaptors
- › as well as by reduced assembly times



2 Quick-Connect connections

Safety

It is immediately apparent from the snapped-on locking clip that the connection has been correctly installed on the connection piece. It is not necessary to specify and control a tightening torque.

The locking clip prevents the hose from being pulled off the adaptor. In the radial direction, however, the line remains rotatable. In many applications this represents a further advantage, since the line can thus move into a position as free of stress as possible.

Technical data

| | |
|--------------------|--|
| Temperature range | -30 °C ... +100 °C short-term up to +120 °C |
| Operating pressure | up to 10 bar |

Application examples





Components of the Quick-Connect kit



Product range

The ARGO-HYTOS modular "Quick-Connect" system was introduced several years ago in large series of agricultural and construction machines. In the meantime, more than 20 different connections are available in different sizes and shapes.

The Quick-Connect kit is often provided to the hose supplier. This way, customers receive assembled lines ready for installation.

Plastics and sealing geometry are selected in such a way that the connections can also be reliably installed to metal adaptors.

This makes an attractive product range available which offers the right connection for practically every application.

Advantages

- › Cost savings
- › Quick and error-free assembly, without tools
- › Connection in plastic or metal possible
- › Radial O-ring sealing
- › Large flow areas, thereby low pressure drops
- › Hose line rotatable 360°
- › Reliable, tried and tested system