

OETIKER

Swing Coupling by OETIKER®

Go with the Flow !

OETIKER Swing Couplings offer unrestricted full flow with safe, quick connection and disconnection under pressure. The ergonomic design provides superior sealing, ease of operation and long service life.

For compressed air supply lines to pneumatic tools and automation equipment.

OETIKER Swing Couplings perform best when used with precision-made OETIKER plugs – though, couplings are interchangeable with most plug systems.

Sizes: 1/4" (6 mm) to 3/4" (19 mm)



Connecting Technology

full flow
economical



full flow

Safely connected and disconnected under pressure

Quality Features

OETIKER Swing Couplings are manufactured from select grades of ferrous and non-ferrous materials. Special surface treatment on housings and cylinders guarantee durability with little wear and high corrosion resistance.

Application

Pressure

Operating pressure up to 360 psi (25 bar)
– connection and disconnection up to 200 psi (15 bar) – also suitable for technical vacuums up to approximately 3 inHg (100 mbar).

Temperature

Standard model from -4°F to +212°F (-20° to +100°C). Higher temperatures possible depending upon media with the use of FPM or EPDM seals.

OETIKER Swing Couplings are fitted with nitrile elastomer seals NBR. Other seals are optional. Extra precaution must be taken with gaseous applications.

High quality silicon-free lubricant is standard.

Safety Features

Simultaneous venting, the need to hold the hose end with the plug to be removed from the coupling during disconnecting reduces whiplash effect.

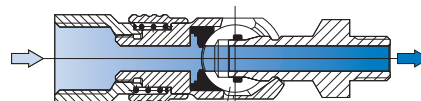
The orange colouring on the release sleeve signifies **safety**. The plastic coating affords increased grip and can also prevent damage to workpieces.

Safety standard: ISO 4414, MILC 4109

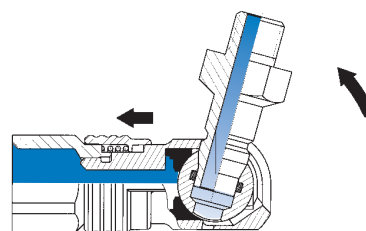
Notes

If plugs with barbed stem are used, barb stem size has to match inside diameter of the hose. Fittings/plugs must be secured to the hose with a hose clamp, preferably an OETIKER Clamp.

For chemical resistance to aggressive media, the coupling and seal components must be tested prior to use.



Unrestricted flow – minimal loss of pressure



Disconnect

retract release sleeve, swing plug into angled position and remove

Use OETIKER Clamps

to secure OETIKER Couplings to hose.



connect

- insert plug into coupling in angled position



swing

- swing plug with hose attached to straight position



full flow

The addresses of all OETIKER companies and agencies are included on our website.

www.oetiker.com

OETIKER has been developing connecting technology for over 60 years. OETIKER products are manufactured by its own companies in line with ISO/TS 16949 and sold worldwide in over 40 countries. Numerous patents are proof of continuous innovation.

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