

Coupling plugs

with hose male thread, model series BPL

Plug diameter:

11 mm (holding groove approx. 1,3 mm)

Flow* air (water):

560 - 2100 l/min (6 - 18 l/min)

Function:

Coupled by plugging the plug into the sleeve until you hear a "click". Pressing the release button (for plastic couplings with a tube connection protected against accidental unlocking) releases the plug once again. It is possible to combine coupling plugs and coupling sockets with and without a shut-off valve, and made of different materials as desired. The shut-off valve prevents the medium from spilling out when uncoupled.

Type POM:

Materials:

Body and valves: POM (raw material in accordance with FDA), valve springs: Stainless steel AISI 316, seals: NBR, release button: AISI 301, bulkhead nut: nickel-plated brass

Temperature range:

-40°C to max. +80°C

Operating pressure:

-0.8 to 8.3 bar

Media:

Compressed air, water, alcohol, glycol, mineral oils, petrol, oxygen**, carbon dioxide, mild chemicals

Sterilisation possible with:

Formalin, isopropyl alcohol, ethyl alcohol

Operating range:

For general applications. High resistance to mineral oils.



Type polypropylene (please indicate colour: beige = PPC or grey = PPL):

Materials:

Body and valves: polypropylene, valve springs: Stainless steel
AISI 316, seals: EPDM, release button: AISI 301, bulkhead nut:
nickel-plated brass

Temperature range:

0°C to max. +70°C

Operating pressure:

-0.8 to 8,3 bar (>+27°C observe pressure reductions: +40°C: max.
7 bar,+ +50°C: max. 6,5 bar,+ 60°C: max. 5,9 bar,+ +70°C: max 5.2 bar)

Media:

Compressed air, water, many acids and alkaline solutions, alcohol,
glycol, MEK, oxygen**, ozone, carbon dioxide, many chemicals

Sterilisation possible with:

Formalin, isopropyl alcohol, ethyl alcohol, ethylene oxide,
gamma radiation

Operating range:

Suited for use with many chemicals. Not resistant to mineral oils.



Type chromium-plated brass:

Materials:

Body: Chromium-plated brass (food safe), valves: POM
valve springs: Stainless steel AISI 316, seals: NBR, release
button: AISI 301, bulkhead nut: nickel-plated brass

Temperature range:

-40°C to max. +80°C

Operating pressure:

-0.8 to 17.3 bar

Media:

Compressed air, alcohol, glycol, mineral oils, petrol, oxygen**, carbon dioxide

Sterilisation possible with:

Formalin, isopropyl alcohol, ethyl alcohol, gamma radiation, heating to max. +121°C (uncoupled)

Operating range:

For applications with increased pressures or mechanical loads (e.g. due to frequent coupling). High
resistance to mineral oils.

Compatible with**:**

CPC Colder PLC, CPC Colder PLC12, CPC Colder LC, LinkTech series 40AC, LinkTech series 40PP, LinkTech
series 40CB

Bulkhead thread:

11/16"-24 UNS (Ø 17,5 mm), max. sheet metal thickness: 12 mm

