

# Coupling sockets

with hose screw connection & bulkhead thread

**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

