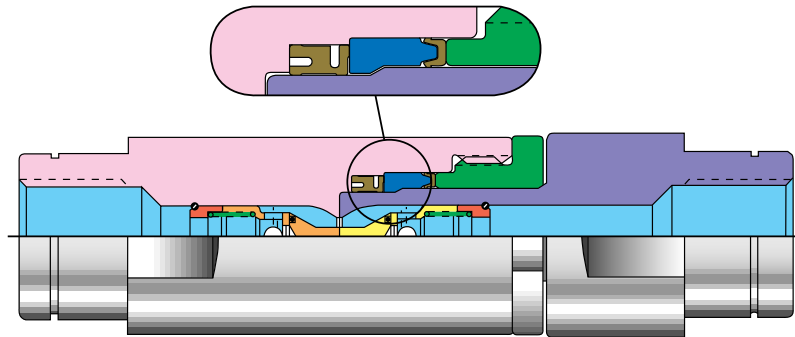


Designs

There are two commonly used coupling designs for sub-sea applications...

Poppet Design



The poppet design coupling is the most commonly used for sub-sea applications. The simple proven design is reliable and economical.

Features:

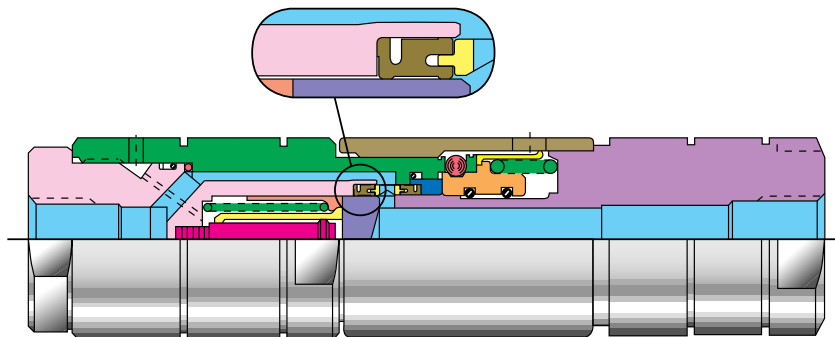
Compact envelope
Simple design
Economical

Proven design reliability

Connect and disconnect at full system pressure

Sizes (C_v): 1/8" (.24), 1/4" (.66), 3/8" (1.3), 1/2" (2.3)*

Balanced Design



The balanced design is Snap-tite's latest design improvement for sub-sea application. The separation force is typically less than 100 pounds (45kg) for each coupling while pressurized internally to 10000 psig (690 bar). Spillage and water ingress are nearly eliminated and the envelope is only slightly larger than that of most commonly used poppet couplings.

Features:

Compact envelope
Eliminates hydraulic lock-up
Proven design reliability
Reduced spillage and water ingress

Lower cost because of reduced clamping force required

Connect and disconnect at full system pressure

Sizes (C_v): 3/8" (1.16), 1/2" (2.9)*

*Other sizes can be designed for either type of coupling upon request.