

Safety Break-away couplings are used to prevent pull away accidents, the internal valves will close the flow in both lines and prevent unwanted release of product.

The Safety Break-away couplings are available as Industrial and Marine type.

Industrial Break-aways are used at fix points like manifolds, pipelines depots etc.

Marine Break-away coupling

Marine version of SBCouplings are designed specifically to be installed within a hose string, where the coupling would have a length of hose attached to both sides.

This coupling incorporates the same internal mechanism as our Industrial couplings, but has additional external features that provide increased resistance to torsional and bending moment forces which may be applied to the coupling, preventing premature activation in the unpredictable marine environment.

Features

- Passive security against situations where a hose or loading arm could be subjected to inadvertent excessive loads.
- Design features are a simple mechanism and no loose components which could be lost after release.
- Operates independently of shut off safety system and does not require an external power source.
- Easy to reset on site with one person
- High flowrate / low pressure drop
- Very low loss, positive shut-off of both coupling halves results in minimum product loss.
- Lightweight and robust design.
- Available with ANSI/DIN flanges or threaded (BSP or NPT).

SBCouplings®

Safety Break-away Couplings



Marine and Offshore applications

- Ship to Rig Fluid Transfer
- Ship to Shore Fluid Transfer
- Ship to Ship Fluid Transfer
- Bunkering, Marine Refuelling

Technical information

Sizes

1" (DN25) to 12" (DN300)

Maximum Working pressure:

MWP PN 10 / 16 / 25.

MAWP 150 / 300 psi

Materials

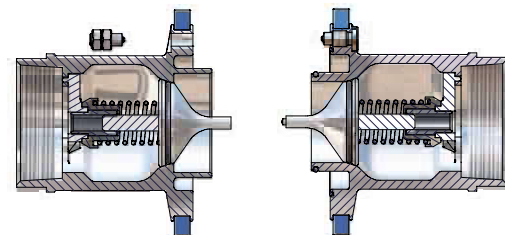
Aluminium, Brass, Stainless steel, Hastelloy, Titanium. Others on request.

Connections

Female and Male BSP / NPT, flanges DIN and ANSI. Others on request.

Function

Marine Safety Break-aways are designed to only release by inline pull and used between two strings of hose.



Release by inline pull only.



