

## DDC

**SUNFLEX Dry Disconnect Coupling( DDC )are based on the STANAG3756 standard and are designed for quick connection of hoses to pipes, effectively preventing and stopping leaks during connection and disconnection.**

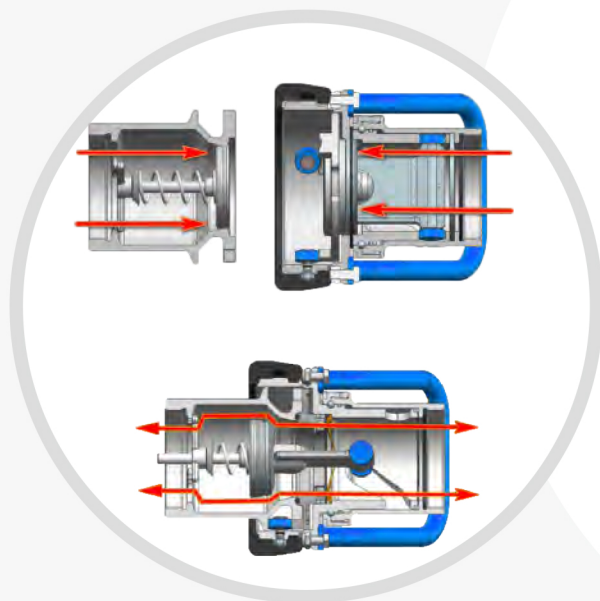


### 🇬🇧 Technical Info

<b>Coupling Standard</b>	NATO STANAG 3756
<b>Coupling Material</b>	Stainless steel (1.4408) Aluminium (6061/6082) Brass (Hpb57-3)
<b>Coupling Gasket</b>	FPM, PTFE, Other material on request.
<b>Working Pressure</b>	Stainless steel PN25(363psi) Aluminium PN10(145psi) Brass PN16(232psi)
<b>End Connection</b>	Thread type : BSPP, BSP, NPT Flange type : EN 1092,ANSI, TW and TTMA
<b>Size</b>	1"-8"



## How our DDC works ?



1. Turning the Hose Unit by 15° clockwise locks the units together.

2. The valves are still closed

3. Turning the Hose Unit by 90° opens the inside valves.

4. To close the valves and unlock the Units, reverse the process.

**Hose Unit  
Female thread**



Material:SS/BR/AL  
Size:1"-8"

**Hose Unit  
Flange**



Material:SS/BR/AL  
Size:1"-8"

**Hose Unit  
Plug**



Material:AL/SS  
Size:1"-8"

**Tank Unit  
Female thread**



Material:SS/BR/AL  
Size:1"-8"

**Tank Unit  
Flange**



Material:SS/BR/AL  
Size:1"-8"

**Tank Unit  
Cap**



Material:AL/SS  
Size:1"-8"

## Application

DDC adopts no leakage design concept, common transport media are ink, adhesive, fat acid, drugs, Washing lotion, petroleum, chemicals, agriculture and various acid, alkaline products.

DDC is widely used in offshore drilling platforms, chemicals, pharmaceuticals, as well as docking loading and unloading of cars, trains, aircraft, ships and food materials. It is also used to transport dangerous, valuable liquids.



## Advantages

1. No drip design, effectively prevent the leakage of materials during loading and unloading, and provide protection for the safety of operators; Eliminate environmental pollution and material waste, environmental protection and economy;
2. Dry quick joint two-way sealing design, both ends of the valve, the valve can not be opened before the docking is completed, very safe;
3. Dry quick connector compact structure, smooth inner wall, small pressure drop, to ensure greater flow;
4. Ergonomic design, simple operation, just rotate the handle to open and close the valve;
5. Simple internal structure of the product, easy to maintain.