

Dry Disconnect Couplings

KILL THE SPILL



DDCouplings®, Dry Disconnect Couplings are designed for quick and spill free connection and disconnection of hoses and pipelines. They are used by producers of petroleum, chemicals, ink, adhesives, fatty acids, pharmaceuticals, liquid soaps, agricultural and a wide variety of caustic products and speciality acids.

Dry Disconnect Couplings can be found in many various applications from the handling of toxic chemicals, fuels etc. to the transferring clean water. Due to the wide range of materials, connections and sealing types Dry Disconnect Couplings are flexible enough to suit almost any application.

Dry Disconnect Couplings are available in sizes from 1in up to 8in and in a wide range of materials and seals to provide choice for almost any applications. The self sealing design of the Dry disconnect couplings guarantees both the highest level of safety and also the quickest way of connecting and disconnecting.

S1054 Datasheet

LIQUID HANDLING SOLUTIONS

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Leaders in liquid handling systems

Technical data:

Tank unit /Adapter and Hose unit / Coupler

According to NATO STANAG 3756

| Coupling Material | Maximum Working Pressure | Test Pressure | Minimum Burs pressure |
|-------------------------|--------------------------|------------------|-----------------------|
| Aluminium 1in – 2in | 16 bar/232 psi | 24 bar/348 psi | 80 bar/1160 psi |
| Aluminium 2 ½in -8in | 10 bar/145 psi | 15 bar/218 psi | 80 bar/726 psi |
| Stainless Steel 1in-8in | 25 bar/363 psi | 37.5 bar/544 psi | 125 bar/1813 psi |

Available in other materials on request.

Connections

BSP, NPT and Flanged inlet.

Applications

DDCouplings are recommended for applications including rail tankers, marine tankers, ISO containers, Aviation fuel bunkering and related activities or on any application where product contamination and spillage needs to be minimized.

Seals

Standard seals in FPM (Viton®), EPDM, Chemraz®, Kalrez®, NBR (Nitrile). Other materials on request.

Recommended Maximum Flow Velocity

15 m/s (fuel).

Interchangeability:

Compatibility with other existing brands e.g. TODO and Fulcrum couplings.

Hose unit with Integrated Swivels

All hose units are designed with Integrated Swivel.

For all **YOUR** liquid handling solutions



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