



MannTek Dry Disconnect Couplings

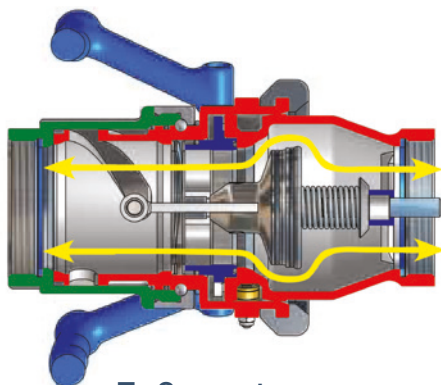
Dry Disconnect Couplings

MannTek Couplings, 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, and a wide variety of caustic products and speciality acids.

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

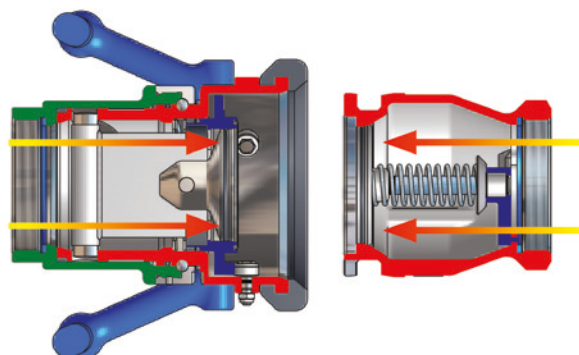


Dry Disconnect Couplings are available in sizes from 1in up to 8in and in a wide range of materials and seals to provide choice for almost any applications. The self sealing design of the Dry disconnect couplings guarantees both the highest level of safety and also the quickest way of connecting and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



To Connect

- Push and Turn
- It's Coupled
- Full Flow



To Disconnect

- Turn and Pull
- It's Released
- No Spillage



Technical Data

Tank Unit /Adapter and Hose Unit / Coupling (According to NATO STANAG 3756)

Coupling Material	Maximum Working Pressure	Test Pressure	Minimum Burst 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

All hose units are designed with Integrated Swivel