

# Dry Disconnect Couplings

## 2½" (Ø105 mm) (Ø70 mm)



Tank unit/ Adapter and Hose unit/ Coupler

According to NATO STANAG 3756			
Coupling material	Maximum working pressure	Test pressure	Minimum burst pressure
Aluminium	10 bar/145 psi	15 bar/218 psi	50 bar/726 psi
Brass	16 bar/232 psi	24 bar/348 psi	80 bar/1160 psi
Stainless Steel	25 bar/363 psi	38 bar/544 psi	125 bar/1813 psi
Titan	25 bar/363 psi	38 bar/544 psi	125 bar/1813 psi
Hastelloy	25 bar/363 psi	38 bar/544 psi	125 bar/1813 psi
Peek	6 bar/87 psi	9 bar/131 psi	30 bar / 435 psi

### Connections

2½" and 3" in BSP, NPT and Flanged inlet.

### Applications

The 2" (105 mm) DDCoupling is recommended for road tanker bottom loading for a variety of fluids, ISO containers, Aviation fuel bunkering or on any application where product contamination and spillage needs to be minimized.

### Media

- Petroleum products: Gasolin, diesel, oil etc.  
Chemical products: Ethylene Oxide, Propylene Oxide, Acrylonitrile, Butadiene, Ammonia, Vilyl Chloride, Toluene, Xylene, Sulphuric, Acid, Phenol etc.
- Gas

### Seals

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

### High Flow Rates/ Low Pressure Drop

Allows maximum product transfer with minimal losses.

### Recommended Maximum Flow Rated

1500 litres/minute (fuel).

### Interchangeability

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

### Hose unit with Integrated Swivels

All hose units are designed with Integrated Swivel

### Selectivity - Avoid mixing products:

To avoid product contamination caused by connecting a hose unit to the wrong tank unit, selective versions of the hose and tank units are available.

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