

Dry Disconnect Couplings

1" (Ø56 mm)



Tank unit / Adapter and Hose unit / Coupler

Coupling material	Maximum working pressure	Test pressure	Minimum burs pressure
Aluminium	16 bar/232 psi	24 bar/348 psi	80 bar/1160 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

3/4", 1" and 1 1/4" in BSP, NPT and Flanged inlet

Applications

For industrial process plant, road and rail tankers, IBC containers, Pharmaceutical and Petrochemical industries etc.

Recommended for all types of mini bulk liquid product transfer, including container and drum filling, or on any application where spillage needs to be minimized.

Media

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

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

200 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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