

Dry Disconnect Couplings

3" (Ø119 mm)



Tank unit / Adapter and Hose unit / Coupler

According to NATO STANAG 3756			
Coupling material	Maximum working pressure	Test pressure	Minimum burs pressure
Aluminium	10 bar/145 psi	15 bar/218 psi	80 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

3" in BSP, NPT and Flanged inlet

Applications

The 3" (119 mm) DDCoupling is recommended for similar applications to the 2½" (105 mm) range, but where higher loading rates are required. Especially in 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.

Media

- Petroleum products: Gasolin, diesel, oil etc.
Chemical products: Ethylene Oxide, Propylene Oxide, Acrylonitrile, Butadiene, Ammonia, Vilyl Chloride, Toluene, Xylene, Sulphuric, Acid, Phenol etc.
- Other: AdBlue®/ Diesel Exhaust Fluid (DEF) from Blue1 USA.

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

2000 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.

AUCKLAND (HO)

144 Neilson St
Onehunga
Auckland 1061

T: +64 9 636 5902
F: +64 9 634 6655

WHANGAREI

43 Port Road
Whangarei
0100

T: +64 9 438 1598
F: +64 9 438 1599

HAMILTON

18 King St
Frankton
Hamilton 3204

T: +64 7 847 7889
F: +64 7 846 9056

MT MAUNGANUI

69 Hull Road
Mt Maunganui
3116

T: +64 7 575 5697
F: +64 7 575 5297

WELLINGTON

148 Hutt Road
Petone
Lower Hutt 5012

T: +64 4 560 3701
F: +64 4 560 3705

NELSON

6 Roger St
Port Nelson
Nelson

T: +64 3 545 6098
F: +64 3 539 4953

CHRISTCHURCH

252 Annex Road
Addington
Christchurch 8024

T: +64 3 348 8755
F: +64 3 348 8756

DUNEDIN

52 Teviot St
South Dunedin
Dunedin 9012

T: +64 3 455 7657
F: +64 3 455 7687