



DRY BREAKS

Fulcrum Engineering, a B.S.I. ISO9001 quality accredited company, has manufactured hazardous product transfer equipment for more than 40 years from its manufacturing base in South Africa.

Fulcrum offers a range of Dry Break Couplings as well as A.P.I. Standard Couplings for a wide range of applications including petrochemical, pharmaceutical, chemical, solvent and food. The Dry Break sizes ranges from 1" nominal bore up to 4" nominal bore and are available in Bronze, Aluminium and Stainless Steel. The Coupling Range, in its standard form is equipped with Stainless Steel internal components and Viton seals.

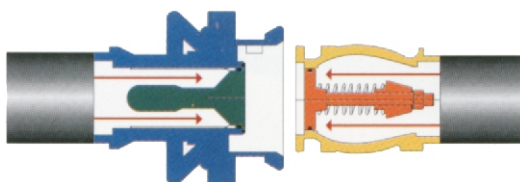


CAUTION
All aluminium products are anodized to improve durability. The coating prevents electrical continuity, for safety reasons, the use of ground proving equipment is required in hazardous applications.

ENVIRONMENTALLY FRIENDLY PRODUCTS

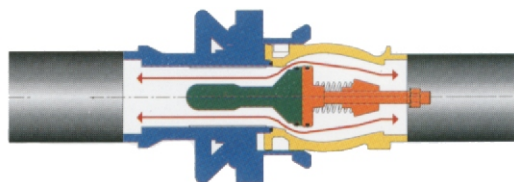
Dry Break Couplings permit quick connection and disconnection of fluid transfer hoses. The connection can be made under pressure with a minimum of product spillage.

This makes the transfer of hazardous chemicals and toxins safe for the operator as well as the environment. The spill free transfer reduces the risk of burns, fire hazards and other dangers associated with product spillage.



HOSE UNIT

TANK UNIT



HOSE UNIT

TANK UNIT

Coupling is achieved by rotating the Hose unit onto the Tank unit. The rotary action forces the internals of the hose unit forward, opening the tank unit. Once coupled, transfer of product is possible. On disconnection both the Hose and Tank units close automatically and spill free disconnection is achieved.

