



The Right Connection™

Dry Disconnect Couplings

Connect and disconnect hose and pipelines without accidental spillage and product loss

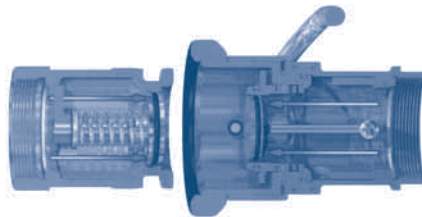


- Easy to handle -
push and turn - free flow
turn and pull - closed
 - Time saving-
no need to drain hoses or pipe systems
 - Economical-
No loss or spillage of liquids at connection or disconnection
 - Safety-
the valve cannot be opened until the unit is coupled
 - Environment friendly-
Accidental spillage eliminated
 - Safe and reliable-
due to rugged construction
 - Selectivity-
optional selectivity for preventing contamination
due to incorrect and cross-coupling
 - Product life-
uncomplicated design and high quality materials
ensures longer product life
- Working Pressure -
Aluminum **260 PSI**
Brass/ Gunmetal **360 PSI**
Stainless Steel **360 PSI**
 - Optional Seals-
EPDM
NBR - nitrile
Kalrez®
Chemraz®
Perlast®

Interchanges with Avery Hardoll and Todo-matic®

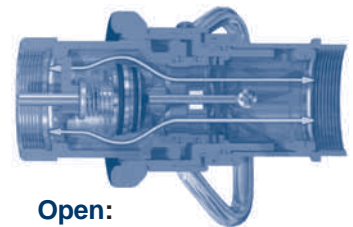
How it works

The principle of operation is identical for all sizes of couplings.



Closed:

- Turn and pull
it's released - *no spillage*



Open:

- Push and turn
it's coupled - *full flow*

Couplers - Hose Unit

- Coupler has built-in swivel
- Stainless steel ball bearings
- Shaft journal in stainless steel embedded in PTFE (Teflon®) to eliminate seizure
- Riveted piston pin to minimize the risk for failure under extreme pressure conditions

- Protecting ring is weather resistant rubber. Electrically conductive.
- All wetted parts are *stainless steel*
- Rollers for the *stainless steel* units are hastelloy C276 on the stainless steel shaft
- Rollers for the *aluminum* and *brass* units are aluminum-bronze on the stainless steel shaft

Dry Quick Disconnect Couplers x Female NPT with Viton® seals



Female NPT	Body Size	316 Stainless Steel Part #	Anodized Aluminum Part #	Brass / Gunmetal Part #
¾"	56 mm	DDC075SS	DDC075AL	DDC075BR
1"	56 mm	DDC100SS	DDC100AL	DDC100BR
1½"	70 mm	DDC150SS	DDC150AL	DDC150BR
2"	70 mm	DDC200SS	DDC200AL	DDC200BR
3"	105 mm	DDC300SS105	DDC300AL105	DDC300GM105
3"	119 mm	DDC300SS	DDC300AL	DDC300GM
4"	164 mm	DDC400SS	DDC400AL	DDC400GM

Adapters - Tank Unit

- The adapter is usually installed on the tank or manifold.
- Available in female NPT or 150# ASA flange
- Conical valve seat to eliminate the risk for "piston blow out"
- PTFE (Teflon®) bearing between the piston shaft and the piston guide to eliminate the risk for seizure

Construction:

- *Aluminum* adapter - aluminum poppet, stainless steel internal parts
- *Stainless steel* adapter - stainless steel poppet, stainless steel internal parts
- *Brass / gunmetal* adapter - brass poppet, brass and stainless steel internal parts

Dry Quick Disconnect Adapters x Female NPT with Viton® seals



Female NPT	Body Size	316 Stainless Steel Part #	Anodized Aluminum Part #	Brass / Gunmetal Part #
¾"	56 mm	DDA075SS	DDA075AL	DDA075BR
1"	56 mm	DDA100SS	DDA100AL	DDA100BR
1½"	70 mm	DDA150SS	DDA150AL	DDA150BR
2"	70 mm	DDA200SS	DDA200AL	DDA200BR
3"	105 mm	DDA300SS105	DDA300AL105	DDA300GM105
3"	119 mm	DDA300SS	DDA300AL	DDA300GM
4"	164 mm	DDA400SS	DDA400AL	DDA400GM

Dry Quick Disconnect Adapters x 150# ASA Flange with Viton® seals



150# Flange	Body Size	316 Stainless Steel Part #	Anodized Aluminum Part #	Brass / Gunmetal Part #
¾"	56 mm	DDA075SSFL	DDA075ALFL	DDA075BRFL
1"	56 mm	DDA100SSFL	DDA100ALFL	DDA100BRFL
1½"	70 mm	DDA150SSFL	DDA150ALFL	DDA150BRFL
2"	70 mm	DDA200SSFL	DDA200ALFL	DDA200BRFL
3"	105 mm	DDA300SS105FL	DDA300AL105FL	DDA300GM105FL
3"	119 mm	DDA300SSFL	DDA300ALFL	DDA300GMFL
4"	164 mm	DDA400SSFL	DDA400ALFL	DDA400GMFL

Composite Dust Plugs for Couplers



Size	Body Size	Part #
¾" and 1"	56 mm	DDDP075
1½" and 2"	70 mm	DDDP150
3"	105 mm	DDDP300105
3"	119 mm	DDDP300
4"	164 mm	DDDP400

Composite Dust Caps for Adapters



Size	Body Size	Part #
¾" and 1"	56 mm	DDDC075
1½" and 2"	70 mm	DDDC150
3"	105 mm	DDDC300105
3"	119 mm	DDDC300
4"	164 mm	DDDC400

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