

**NEW!**

BREAKAWAY SERIES

# BREAKAWAY SERIES



Actual size

Colder's new BreakAway™ coupling provides safe and easy fluid transfer and protection from costly product loss and equipment damage. These high quality, leak-free connectors are designed to disconnect when pull force is applied without depressing a latching mechanism, allowing users to make a clean, fast and easy break at critical moments.

## Features

- Reliable break away design
- Automatic dual shutoff valves
- Streamlined, flush finish

## Benefits

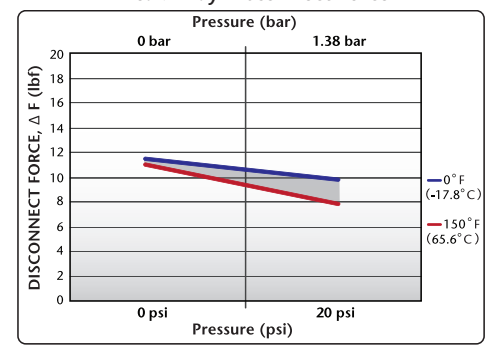
- Rapid, automatic disconnection
- Safe and clean fluid handling
- Easy-to-use for maximum productivity

## Specifications

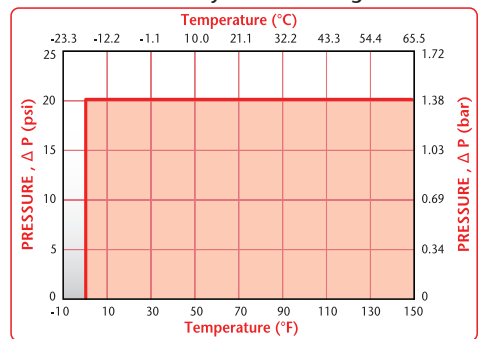
- Pressure:** 0 to 20 psi, 1.4 bar
- Temperature:** 0° F to 150° F (-18° C to 66° C)
- Materials:**
  - Main components and valves: Acetal
  - Valve springs: 316 stainless steel
  - O-rings: Buna-N
  - Retention ring: PPS
- Color:** White or black
- Tubing Sizes:** 1/4" to 3/8" ID, 6.4mm to 9.5mm ID

**WARNING:** Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customer's responsibility to test the suitability of Colder's products in their own application conditions.

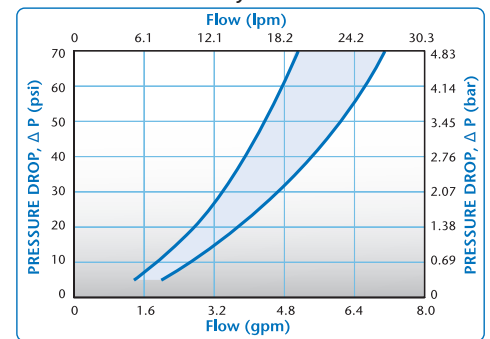
**BreakAway Disconnect Force**



**BreakAway Pressure Range**



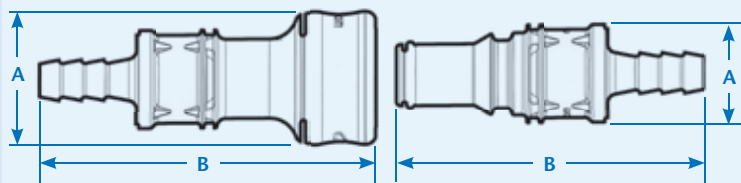
**BreakAway Water Flow**



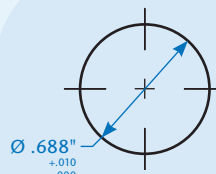
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These graphs are intended to give you a general idea of the performance capabilities of each product line. The shaded area of the graphs represent the operating range of the product family, i.e., upper and lower values are shown. Therefore, depending on the exact coupling configurations selected, you can reasonably expect values to fall within the shaded area. Force to disconnect is approximately 11 pounds pull force at 0 psi line pressure and 8 pounds pull force at 20 psi. In some applications and with certain types of tubing, a hose clamp may be required.



A = Height/Diameter  
B = Total Length (including valve)



## Product Dimensions

COUPLING BODIES	PANEL OPENING	MAX. PANEL THICKNESS	MIN. PANEL THICKNESS
	see drawing	.50	.02

## Coupling Bodies

### WHITE ACETAL

TERMINATION	TUBING SIZE	METRIC EQ.	SHUTOFF	A	B
IN-LINE HOSE BARB	1/4" ID	6.4mm ID	BACD17004	0.92	2.29
	3/8" ID	9.5mm ID	BACD17006	0.92	2.29
PANEL MOUNT HOSE BARB	1/4" ID	6.4mm ID	BACD16004	0.92	2.29
	3/8" ID	9.5mm ID	BACD16006	0.92	2.29



### BLACK ACETAL

TERMINATION	TUBING SIZE	METRIC EQ.	SHUTOFF	A	B
IN-LINE HOSE BARB	1/4" ID	6.4mm ID	BACD17004MBLK	0.92	2.29
	3/8" ID	9.5mm ID	BACD17006MBLK	0.92	2.29
PANEL MOUNT HOSE BARB	1/4" ID	6.4mm ID	BACD16004MBLK	0.92	2.29
	3/8" ID	9.5mm ID	BACD16006MBLK	0.92	2.29



## Coupling Inserts

### WHITE ACETAL

TERMINATION	TUBING SIZE	METRIC EQ.	STRAIGHT THRU	SHUTOFF	A	B
IN-LINE HOSE BARB	1/4" ID	6.4mm ID	BAC22004	BACD22004	0.58/0.69	1.58/2.10
	3/8" ID	9.5mm ID		BACD22006	0.69	2.10



### BLACK ACETAL

TERMINATION	TUBING SIZE	METRIC EQ.	STRAIGHT THRU	SHUTOFF	A	B
IN-LINE HOSE BARB	1/4" ID	6.4mm ID	BAC22004MBLK	BACD22004MBLK	0.58/0.69	1.58/2.10
	3/8" ID	9.5mm ID		BACD22006MBLK	0.69	2.10



MBLK = molded black material.



**Colder Products Company**  
Quick Couplings & Fittings for Plastic Tubing

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WARRANTY: All sales are subject to Colder Products Company's limited express warranty set forth in the Colder catalog. Contact your local distributor or Colder Customer Service for warranty provisions.  
Warning: Due to the wide variety of possible fluid media and operating conditions, unintended consequences may result from the use of this product, all of which are beyond the control of Colder. It is the user's responsibility to carefully determine and test for compatibility for use with their application. All such risks shall be assumed by the buyer.