

NEW!

BREAKAWAY SERIES

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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

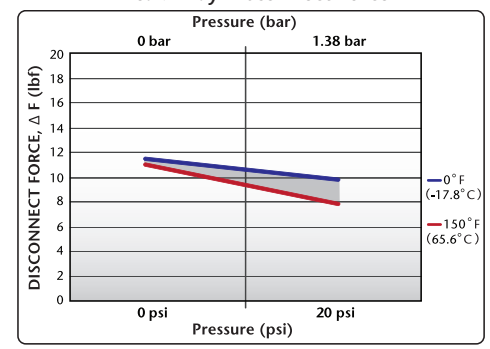
Color: White or black

Tubing Sizes:

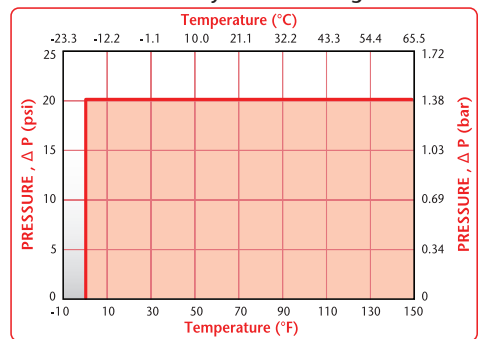
1/4" to 3/8" ID, 6.4mm to 9.5mm ID

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.

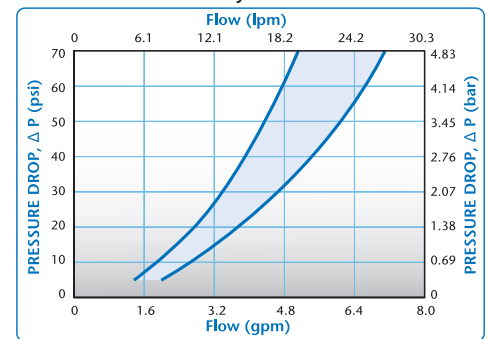
BreakAway Disconnect Force



BreakAway Pressure Range

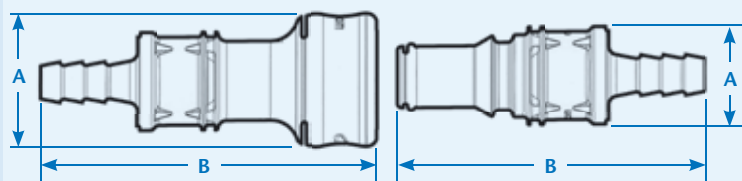


BreakAway Water Flow

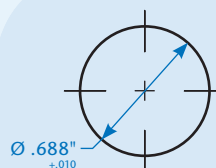


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or call 651-645-0091
to get a free catalog CD or to
find your local distributor.

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

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

Coupling Bodies

WHITE ACETAL

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



BLACK ACETAL

TERMINATION	TUBING SIZE	METRIC EQ.	SHUTOFF	A	B
IN-LINE	1/4" ID	6.4mm ID	BACD17004MBLK	0.92	2.29
HOSE BARB	3/8" ID	9.5mm ID	BACD17006MBLK	0.92	2.29
TERMINATION	TUBING SIZE	METRIC EQ.	SHUTOFF	A	B
PANEL MOUNT	1/4" ID	6.4mm ID	BACD16004MBLK	0.92	2.29
HOSE BARB	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	1/4" ID	6.4mm ID	BAC22004	BACD22004	0.58/0.69	1.58/2.10
HOSE BARB	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	1/4" ID	6.4mm ID	BAC22004MBLK	BACD22004MBLK	0.58/0.69	1.58/2.10
HOSE BARB	3/8" ID	9.5mm ID		BACD22006MBLK	0.69	2.10



MBLK = molded black material.



Colder Products Company
Quick Couplings & Fittings for Plastic Tubing

Colder Products Company
1001 Westgate Drive
St. Paul, Minnesota 55114
U.S.A.

Phone: 651-645-0091
Fax: 651-645-5404
Toll Free: 800-444-2474
info@colder.com
www.colder.com

Colder Products Company GmbH
Schmalweg 50
D-55252 Mainz-Kastel
Germany

Phone: +49-6134-2878-0
Fax: +49-6134-287828
Toll Free: 00800 600 50000
cpcgmbh@colder.com
www.colder.com

Colder Products Company Limited
Room 1503, 15/F, SBI Center
54 – 58 Des Voeux Road Central
Hong Kong

Phone: 852-2987-5272
Fax: 852-2987-2509

asiapacific@colder.com
www.colder.com

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.