



For validation reports, visit www.colder.com/bio and for extractables data, contact info@colder.com

HFC39 SERIES

Specifications

Pressure: Vacuum to 125 psi, 8.62 bar

Temperature:
-40°F to 280°F (-40°C to 138°C)

Materials:

Main components:
Polysulfone (amber tint), USP Class VI, ADCF

O-rings: Silicone (clear), platinum-cured, USP Class VI, ADCF

Springs: 316 stainless steel

Sterilization:

Gamma: Up to 50 kGy gamma irradiation. Sterilize coupled or uncoupled.

Autoclave: Up to 270°F (132°C) for 60 minutes. Up to 25 repetitions for uncoupled units and up to one repetition for coupled units.

Tubing Sizes:

1/4", 3/8" and 1/2" ID
6.4mm, 9.5mm and 12.7mm ID

HFC39 Series aseptic disconnect couplings

prevent external organisms from entering into the media flow path upon disconnection. Automatic shutoff valves close off the flow path aseptically protecting valuable media while also eliminating the need for pinch clamps and tube welders. The easy-to-use thumb latch design provides a secure, leak-free connection and enables one-hand disconnects.

Features

Simple One-Step Disconnection

Automatic shutoff valves

Audible "click"

Lightweight

BSE/TSE free materials

Benefits

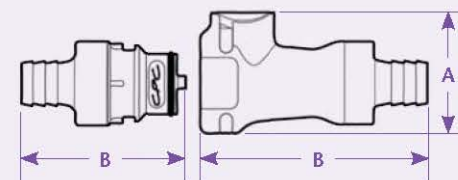
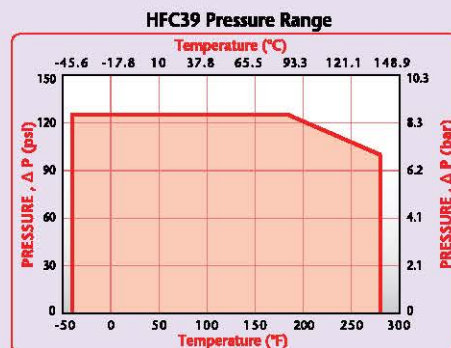
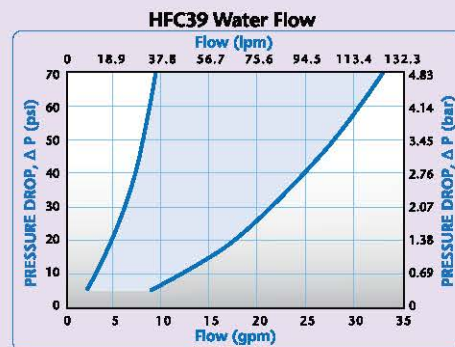
Maintains media sterility in each half by preventing external organisms from entering the flow path

Stop flow and eliminate need for pinch clamps

Provides confidence of a secure connection

Easy integration with single-use assemblies

Meet ADCF requirements



Product Dimensions

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

Coupling Bodies

POLYSULFONE



TERMINATION	TUBING SIZE	METRIC EQ.	FLOW	SHUTOFF	A	B
IN-LINE	1/4" ID	6.4mm ID	1/4"	HFCD17439M	1.44 (36.6)	2.82 (71.6)
HOSE BARB	3/8" ID	9.5mm ID	3/8"	HFCD17639M	1.44 (36.6)	2.82 (71.6)
	1/2" ID	12.5mm ID	3/8"	HFCD17839M	1.44 (36.6)	2.82 (71.6)

Coupling Inserts

POLYSULFONE



TERMINATION	TUBING SIZE	METRIC EQ.	FLOW	STRAIGHT THRU	SHUTOFF	A	B
IN-LINE	1/4" ID	6.4mm ID	1/4"	HFC22439M	HFCD22439M	1.00 (25.4)	2.02 (51.3)
HOSE BARB	3/8" ID	9.5mm ID	3/8"	HFC22639M	HFCD22639M	1.00 (25.4)	2.02 (51.3)
	1/2" ID	12.5mm ID	3/8"	HFC22839M	HFCD22839M	1.00 (25.4)	2.02 (51.3)

Mating Parts



SEALING CAP	MATERIAL	A	B	
HFC32039	Polysulfone	1.44 (36.6)	2.73 (69.3)	
SEALING PLUG	O-RING	MATERIAL	A	B
HFC30039M	Silicone Seal USP Class VI	Polysulfone	1.00 (25.4)	1.81 (46.0)

All measurements are in inches (millimeters) unless otherwise noted. Tubing must meet stated inside and outside diameters. Couplings are pictured with valves unless otherwise noted.



DID YOU KNOW... We offer a full line of single-use products? Biopharmaceutical manufacturers now have an extensive range of options for sterile connecting and sterile disconnecting single-use systems without the need for a laminar flow hood.

AseptiQuik® Connectors enable operators to make a quick and easy sterile connection between two single-use systems, even in non-sterile environments.

HFC39 sterile disconnect couplings feature quick connect functionality with sterile disconnect capability by preventing external organisms from entering into the media flow path upon disconnection.

AseptiQuik DC Connectors enable operators to make both a sterile connection and a sterile disconnection, all in one connector.

Steam-Thru® and Steam-Thru II Connectors allow quick and easy sterile connections between stainless steel biopharmaceutical processing equipment and single-use bag and tube systems.

AseptiQuik STC Connectors allow operators to use a Steam-In-Place (SIP) process to connect an AseptiQuik Sterile Connector to stainless processing equipment.

All of our bioprocessing connections are manufactured in an ISO Class 7 certified cleanroom and meet USP Class VI and ADCF requirements. Contact us for validation reports, biocompatibility and extractables data.