



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.

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

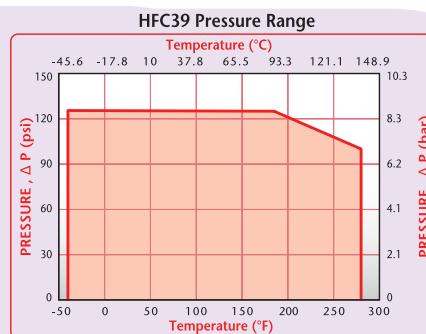
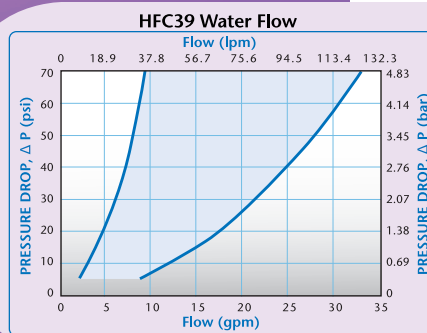
Sterilization:

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



Features

Automatic shutoff valves

Audible "click"

Lightweight

BSE/TSE free materials

Benefits

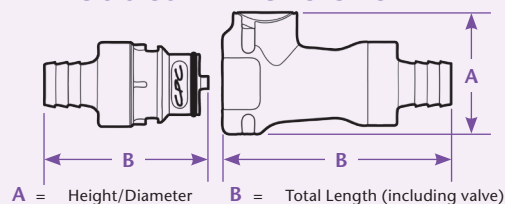
Stop flow and eliminate need for pinch clamps

Provides confidence of a secure connection

Easy integration with single-use assemblies

Meet ADCF requirements

Product Dimensions



Coupling Bodies



POLYSULFONE

TERMINATION
IN-LINE
HOSE BARB

TUBING SIZE	METRIC EQ.	FLOW
1/4" ID	6.4mm ID	1/4"
3/8" ID	9.5mm ID	3/8"
1/2" ID	12.5mm ID	3/8"

SHUTOFF	A	B
HFCD17439M	1.44 (36.6)	2.82 (71.6)
HFCD17639M	1.44 (36.6)	2.82 (71.6)
HFCD17839M	1.44 (36.6)	2.82 (71.6)

Coupling Inserts



POLYSULFONE

TERMINATION
IN-LINE
HOSE BARB

TUBING SIZE	METRIC EQ.	FLOW	STRAIGHT THRU	SHUTOFF	A	B
1/4" ID	6.4mm ID	1/4"	HFC22439M	HFCD22439M	1.00 (25.4)	2.02 (51.3)
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
HFC32039

MATERIAL	A	B
Polysulfone	1.44 (36.6)	2.73 (69.3)

SEALING PLUG
HFC30039M

O-RING
Silicone Seal
USP Class VI

MATERIAL	A	B
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.