

HFC39 Series couplings

provide aseptic disconnect functionality. Automatic shutoff valves close off the flow path at disconnection, protecting valuable media while also eliminating the need for pinch clamps and tube welders. An easy-to-use thumb latch design provides a secure, leak-free connection as well as enabling one-handed 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

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

Springs: 316 stainless steel

Sterilization:

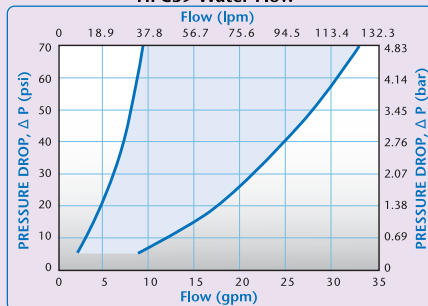
Gamma: Up to 50 kGy gamma irradiation. Sterilize coupled or uncoupled.

Autoclave: At 270°F (132°C) for 60 minutes, up to 25 repetitions. Sterilize uncoupled only.

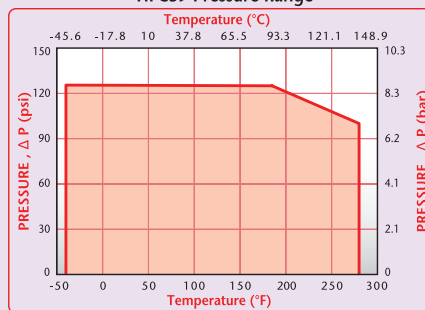
Tubing Sizes:

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

HFC39 Water Flow



HFC39 Pressure Range



Features

Automatic shutoff valves

Audible "click"

Lightweight

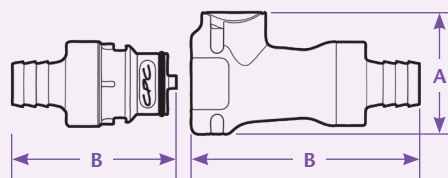
Benefits

Stops flow and eliminates need for pinch clamps

Provides confidence of a secure connection

Easy integration with single-use assemblies

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)

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.