

# HFC35 & HFC57 SERIES CONNECTOR



**HFC35 Series polysulfone couplings** are able to withstand demanding applications and feature physical strength, chemical resistance and autoclavability.

**HFC57 Series polysulfone couplings** are UV resistant and able to withstand continued exposure to harmful UV rays without affecting performance.

Both can operate in harsh environments in temperatures from -40°F to 280°F (-40°C to 138°C) and pressures from vacuum to 125 psi (8.6 bar). An ergonomic design and a large, shrouded thumb latch pad produce a coupling that is easy to grip and simple to operate. An efficient valve design leads to high flow and exceptionally low spillage. Both series also add bulkhead panel mount, garden hose thread and Hastelloy® C spring options.

## FEATURES

- Polysulfone (HFC35)
- UV Polysulfone (HFC57)
- High efficiency valve
- Ergonomic design
- Compatible

## BENEFITS

- Physically strong and autoclavable
- Physically strong and UV resistant
- More flow and less spillage in a compact size
- Easy to grip, simple to operate
- Mates with HFC12 couplings

## Specifications

### PRESSURE:

Vacuum to 125 psi, 8.6 bar

### TEMPERATURE:

-40°F to 280°F (-40°C to 138°C)

### MATERIALS:

Main components and valves:  
 HFC35 - Polysulfone  
 HFC57 - UV-resistant polysulfone

### THUMB LATCH:

HFC35 - Polysulfone  
 HFC57 - UV-resistant polysulfone

Valve spring: 316 stainless steel

External springs: 316 stainless steel

O-rings: EPDM

Panel mount gasket: EPDM

Female GHT gasket: FDA EPDM

### COLORS:

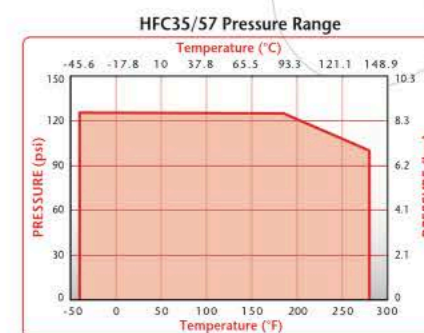
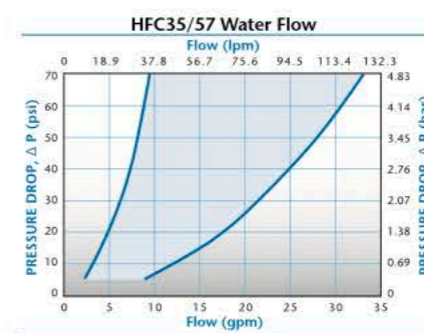
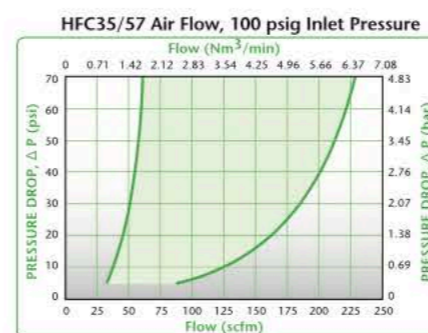
HFC35 - Natural white, dark gray latch  
 HFC57 - Black, black latch

### TUBING SIZES:

3/8" to 3/4" ID, 9.5mm to 19.0mm 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 CPC products in their own application conditions. Use the graphs on the following page as a guide.

Also available in NSF listed versions, please visit our website for part number information.



These graphs are intended to give you a general idea of the performance capabilities of each product line. The shaded area of each graph represents 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.

## DID YOU KNOW?

### THE HFC57 SERIES POLYSULFONE COUPLINGS ARE UV-RESISTANT AND ABLE TO WITHSTAND CONTINUED EXPOSURE TO HARMFUL RAYS WITHOUT AFFECTING PERFORMANCE?

These couplings offer all the same features as our HFC12 and HFC35 Series with the added advantage of UV-resistance to protect the strength and durability of your fluid connections. Use the HFC57 couplings in outdoor applications such as watercraft, lawn irrigation systems and solar heating on roofs and decks where a connector is subjected to the harsh rays of the sun.

## NOTES: