

FLEXIBLE HOSE ASSEMBLIES



Whether the incoming chemical feed is rigid pipe or tubing, a transition from the feed to the quill needs to be made. Flexible hose assemblies provide a convenient means of making this transition. While rigid pipe connections would need to make use of a variety of unions and valves, a flexible hose assembly allows the quill to be inserted or retracted without having any such hassle. The true union ball valve inlet provides a handy point of isolation as well as a quick means of disconnecting the hose from the incoming feed. This allows operators to work with the quill and the free the set up from the remainder of the system when performing maintenance.

Flexible hose assemblies do have limitations in size, pressure rating, and chemical service. However, for those applications where a flexible assembly can be utilized, it provides operators with a valuable means of connecting the quill to the feed system.

We offer three types of hose assemblies and one type of tubing assembly. All of our assemblies include a ball valve inlet, length of hose, and end connection to connect to the quill. The offering of assemblies is broken down between types of end connections. Below is a breakdown on the types of assemblies.

FHA Series

The FHA series hose assembly features:

- True union ball valve Inlet
- Polypropelene hose barbs
- Braid Reinforced Vinyl Hose (Clear)
- Stainless steel hose clamps
- FNPT Coupler Outlet



MODEL	MATERIAL	SIZE	LENGTH	INLET	SEAL TYPE	MAX. WORKING PRESSURE (PSI @ 70° F)
FHA-CLR-050-P-V	Clear Braided PVC Reinforced Vinyl	1/2"	6'	PVC BV	FKM	200
FHA-CLR-050-P-E	Clear Braided PVC Reinforced Vinyl	1/2"	6'	PVC BV	EPDM	200
FHA-CLR-050-C-V	Clear Braided PVC Reinforced Vinyl	1/2"	6'	CPVC BV	FKM	200
FHA-CLR-050-C-E	Clear Braided PVC Reinforced Vinyl	1/2"	6'	CPVC BV	EPDM	200
FHA-CLR-075-P-V	Clear Braided PVC Reinforced Vinyl	3/4"	8'	PVC BV	FKM	150
FHA-CLR-075-P-E	Clear Braided PVC Reinforced Vinyl	3/4"	8'	PVC BV	EPDM	150
FHA-CLR-075-C-V	Clear Braided PVC Reinforced Vinyl	3/4"	8'	CPVC BV	FKM	150
FHA-CLR-075-C-E	Clear Braided PVC Reinforced Vinyl	3/4"	8'	CPVC BV	EPDM	150
FHA-CLR-100-P-V	Clear Braided PVC Reinforced Vinyl	1"	8'	PVC BV	FKM	150
FHA-CLR-100-P-E	Clear Braided PVC Reinforced Vinyl	1"	8'	PVC BV	EPDM	150
FHA-CLR-100-C-V	Clear Braided PVC Reinforced Vinyl	1"	8'	CPVC BV	FKM	150
FHA-CLR-100-C-E	Clear Braided PVC Reinforced Vinyl	1"	8'	CPVC BV	EPDM	150
FHA-CLR-150-P-V	Clear Braided PVC Reinforced Vinyl	1-1/2"	10'	PVC BV	FKM	100
FHA-CLR-150-P-E	Clear Braided PVC Reinforced Vinyl	1-1/2"	10'	PVC BV	EPDM	100
FHA-CLR-150-C-V	Clear Braided PVC Reinforced Vinyl	1-1/2"	10'	CPVC BV	FKM	100
FHA-CLR-150-C-E	Clear Braided PVC Reinforced Vinyl	1-1/2"	10'	CPVC BV	EPDM	100

FLEXIBLE HOSE ASSEMBLIES



FHB Series

The FHB series hose assembly features:

- True union ball valve Inlet
- Polypropelene hose barbs
- Braid Reinforced Vinyl Hose (Clear)
- Stainless steel hose clamps
- MNPT Outlet



MODEL NUMBER	MATERIAL	SIZE	LENGTH	INLET	SEAL TYPE	MAX. WORKING PRESSURE (PSI @ 70°)
FHB-CLR-050-P-V	Clear Braided PVC Reinforced Vinyl	1/2"	6'	PVC BV	FKM	200
FHB-CLR-050-P-E	Clear Braided PVC Reinforced Vinyl	1/2"	6'	PVC BV	EPDM	200
FHB-CLR-050-C-V	Clear Braided PVC Reinforced Vinyl	1/2"	6'	CPVC BV	FKM	200
FHB-CLR-050-C-E	Clear Braided PVC Reinforced Vinyl	1/2"	6'	CPVC BV	EPDM	200
FHB-CLR-075-P-V	Clear Braided PVC Reinforced Vinyl	3/4"	8'	PVC BV	FKM	150
FHB-CLR-075-P-E	Clear Braided PVC Reinforced Vinyl	3/4"	8'	PVC BV	EPDM	150
FHB-CLR-075-C-V	Clear Braided PVC Reinforced Vinyl	3/4"	8'	CPVC BV	FKM	150
FHB-CLR-075-C-E	Clear Braided PVC Reinforced Vinyl	3/4"	8'	CPVC BV	EPDM	150
FHB-CLR-100-P-V	Clear Braided PVC Reinforced Vinyl	1"	8'	PVC BV	FKM	150
FHB-CLR-100-P-E	Clear Braided PVC Reinforced Vinyl	1"	8'	PVC BV	EPDM	150
FHB-CLR-100-C-V	Clear Braided PVC Reinforced Vinyl	1"	8'	CPVC BV	FKM	150
FHB-CLR-100-C-E	Clear Braided PVC Reinforced Vinyl	1"	8'	CPVC BV	EPDM	150
FHB-CLR-150-P-V	Clear Braided PVC Reinforced Vinyl	1-1/2"	10'	PVC BV	FKM	100
FHB-CLR-150-P-E	Clear Braided PVC Reinforced Vinyl	1-1/2"	10'	PVC BV	EPDM	100
FHB-CLR-150-C-V	Clear Braided PVC Reinforced Vinyl	1-1/2"	10'	CPVC BV	FKM	100
FHB-CLR-150-C-E	Clear Braided PVC Reinforced Vinyl	1-1/2"	10'	CPVC BV	EPDM	100

FLEXIBLE HOSE ASSEMBLIES



FHC Series

The FHC series hose assembly features:

- True union ball valve Inlet
- Polypropylene hose barbs
- Braid Reinforced Vinyl Hose (Clear)
- Stainless steel hose clamps
- True union check valve outlet (FNPT or Socket)



MODEL	MATERIAL	SIZE	LENGTH	INLET	SEAL	MAX. WORKING PRESSURE (PSI @ 70°)
FHC-CLR-075-P-V	Clear Braided PVC Reinforced Vinyl	3/4"	8'	PVC BV	FKM	150
FHC-CLR-075-P-E	Clear Braided PVC Reinforced Vinyl	3/4"	8'	PVC BV	EPDM	150
FHC-CLR-075-C-V	Clear Braided PVC Reinforced Vinyl	3/4"	8'	CPVC BV	FKM	150
FHC-CLR-075-C-E	Clear Braided PVC Reinforced Vinyl	3/4"	8'	CPVC BV	EPDM	150
FHC-CLR-100-P-V	Clear Braided PVC Reinforced Vinyl	1"	8'	PVC BV	FKM	150
FHC-CLR-100-P-E	Clear Braided PVC Reinforced Vinyl	1"	8'	PVC BV	EPDM	150
FHC-CLR-100-C-V	Clear Braided PVC Reinforced Vinyl	1"	8'	CPVC BV	FKM	150
FHC-CLR-100-C-E	Clear Braided PVC Reinforced Vinyl	1"	8'	CPVC BV	EPDM	150
FHC-CLR-150-P-V	Clear Braided PVC Reinforced Vinyl	1-1/2"	10'	PVC BV	FKM	100
FHC-CLR-150-P-E	Clear Braided PVC Reinforced Vinyl	1-1/2"	10'	PVC BV	EPDM	100
FHC-CLR-150-C-V	Clear Braided PVC Reinforced Vinyl	1-1/2"	10'	CPVC BV	FKM	100
FHC-CLR-150-C-E	Clear Braided PVC Reinforced Vinyl	1-1/2"	10'	CPVC BV	EPDM	100

FLEXIBLE HOSE ASSEMBLIES



FTA Series

The FHC series hose assembly features:

- True union ball valve Inlet
- Tubing (see below for material options)
- Compression Tube Fitting with FNPT end connection



MODEL	MATERIAL	SIZE	LENGTH	INLET	SEAL	MAX. WORKING PRESSURE (PSI @ 70° F)
FTA-PVDF-050-P-V	PVDF Tubing	1/2"	6'	PVC BV	FKM	146
FTA-PVDF-050-P-E	PVDF Tubing	1/2"	6'	PVC BV	EPDM	146
FTA-PVDF-050-C-V	PVDF Tubing	1/2"	6'	CPVC BV	FKM	146
FTA-PVDF-050-C-V	PVDF Tubing	1/2"	6'	CPVC BV	EPDM	146
FTA-PVDF-050-K-V	PVDF Tubing	1/2"	6'	PVDF BV	FKM	146
FTA-PVDF-050-K-E	PVDF Tubing	1/2"	6'	PVDF BV	EPDM	146
FTA-HDPE-050-P-V	HDPE Tubing	1/2"	6'	CPVC BV	FKM	150
FTA-HDPE-050-P-E	HDPE Tubing	1/2"	6'	CPVC BV	EPDM	150
FTA-HDPE-050-C-V	HDPE Tubing	1/2"	6'	PVC BV	FKM	150
FTA-HDPE-050-C-E	HDPE Tubing	1/2"	6'	PVC BV	EPDM	150
FTA-PP-050-P-V	Polypropelene	1/2"	6'	CPVC BV	FKM	150
FTA-PP-050-P-E	Polypropelene	1/2"	6'	CPVC BV	EPDM	150
FTA-PP-050-C-V	Polypropelene	1/2"	6'	PVC BV	FKM	100
FTA-PP-050-C-E	Polypropelene	1/2"	6'	PVC BV	EPDM	100