

Fittings and Tubing

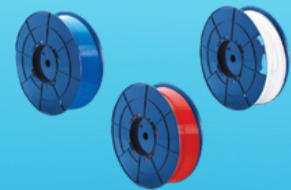
2023 - 2024



Connectors



Parts, etc.



Tubing

[Click here to
see Price List](#)

H₂O International Inc.

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Fittings and Tubing

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HF hydrofit™
Quick Connect Fittings Catalog





HYDROFIT™ - QUICK CONNECT FITTINGS

Are your best choice for all of your connection needs.

Made from FDA approved high grade Polyacetal. HYDROFIT™ Fittings are designed to meet strict market requirements and are manufactured under precise tolerance levels.

HYDROFIT™ - QUICK CONNECT FITTINGS

HYDRO FIN DESIGN handles are ergonomically designed, offer ease of use, and provide a smoother valve rotation.

HYDROFIT™ - QUICK CONNECT FITTINGS

Are suitable for water and multiple liquids.

Manufactured with safe, non toxic FDA approved material.

Certified to NSF /ANSI Standard 61



Independently tested to NSF /ANSI Standard 58 Testing Criteria



- Static - 3x Rated Pressure or 300 PSI minimum
- Burst - 4x Rated Pressure or 400 PSI minimum
- Cyclic - 100,000 cycles at 150 PSI

HYDROFIT™ - QUALITY AND INNOVATION

HYDROFIT™ - Quick Connect Fittings offer you a quality engineered product designed to give you a reliable connector for a reliable connection. HYDROFIT™ - Quick Connect Fittings have been designed to provide you with all the typical benefits and ease of use of a quick connect fitting while providing you with an user friendly ergonomically pleasing design.

HYDROFIT's innovative design is not only an aesthetically appealing improvement to conventional quick connect fittings, our improved valve handle design allow for ease of use for installers, maintenance personnel and end users everywhere. The HYDROFIT™ exclusive HYDRO FIN DESIGN valve handles accommodate for an easier grip, less strain and smoother ball rotation for truly quick and easy operation.



HYDROFIT™ - Quick Connect Fittings have been tested by NSF International under NSF/ANSI Standard 61 and comply with FDA requirements for all materials in contact with food and drinking water. HYDROFIT™ - Quick Connect Fittings have been Independently Tested to NSF/ANSI 58 Standards for Burst pressure, Static pressure and Cyclic pressure testing (see chart) and undergo rigorous quality assurance testing for quality performance time and time again.

HYDROFIT™ - WELL CONNECTED™

HYDROFIT™ - Quick Connect Fittings are ideal for use on a broad range of applications; Reverse Osmosis Systems, Water Coolers, Coffee Machines, RV's, Misting Systems, Marine, Point-of-Use Filtration, Beverage Dispensing, Ice Makers, Car Wash Systems and many others. HYDROFIT™ - Quick Connect Fittings are designed to be used with potable water but are also compatible with a wide range of chemicals (see chart) to suit your multiple application needs.

HYDROFIT™ - Quick Connect Fittings do not require the use of any special tools for installation and create a tight seal on many tubing types. They offer a compact design, high durability, ease of use, consistent quality and an unparalleled cost to benefit ratio. In short, there is no disputing that with HYDROFIT™ you are truly... Well connected!



All materials in contact with food and drinking water are in compliance with the United States Food and Drug Administration



Certified to NSF/ANSI standard 61



USDA NSF H1
The grease used in Hydrofit Quick Connect fittings conforms to USDA NSF H1 recommendations

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Manufactured by Hydronix Water Technology



HDF-MC		MALE CONNECTORS	
Part Number	Description	Bag	Box
HDF-MC0402	1/4" Tube x 1/8" MNPT, Male Connector	10	500
HDF-MC0404	1/4" Tube x 1/4" MNPT, Male Connector	10	400
HDF-MC0406	1/4" Tube x 3/8" MNPT, Male Connector	10	400
HDF-MC0604	3/8" Tube x 1/4" MNPT, Male Connector	10	300
HDF-MC0606	3/8" Tube x 3/8" MNPT, Male Connector	10	250
HDF-MC0608	3/8" Tube x 1/2" MNPT, Male Connector	10	250
HDF-MC0806	1/2" Tube x 3/8" MNPT, Male Connector	10	200
HDF-MC0808	1/2" Tube x 1/2" MNPT, Male Connector	10	200



Male Connector

HDF-FC		FEMALE CONNECTORS	
Part Number	Description	Bag	Box
HDF-FC0404	1/4" Tube x 1/4" FNPT, Female Connector	10	350
HDF-FC0408	1/4" Tube x 1/2" FNPT, Female Connector	10	200
HDF-FC0412	1/4" Tube x 3/4" FNPT, Female Connector	10	200
HDF-FC0606	3/8" Tube x 3/8" FNPT, Female Connector	10	200
HDF-FC0608	3/8" Tube x 1/2" FNPT, Female Connector	10	200



Female Connector

HDF-UC		UNION CONNECTORS	
Part Number	Description	Bag	Box
HDF-UC04	1/4" Tube x 1/4" Tube, Union Connector	10	400
HDF-UC06	3/8" Tube x 3/8" Tube, Union Connector	10	300
HDF-UC0604	3/8" Tube x 1/4" Tube, Reducing Union	10	300



Union Connector

HDF-BU		BULKHEAD UNIONS	
Part Number	Description	Bag	Box
HDF-BU04	1/4" Tube x 1/4" Tube, Bulkhead Union	10	300
HDF-BU06	3/8" Tube x 3/8" Tube, Bulkhead Union	10	180
HDF-BU0604	3/8" Tube x 1/4" Tube, Bulkhead Union	10	180



Bulkhead Union



Brass Connector



Hose Connector



Fixed Elbow



Union Elbow

HDF-BF BRASS CONNECTORS

Part Number	Description	Bag	Box
HDF-BF0404	1/4" Tube x 1/4" Female Flare, Brass Connector	10	150
HDF-BF0604	3/8" Tube x 1/4" Female Flare, Brass Connector	10	150
HDF-BF0606	3/8" Tube x 3/8" Female Flare, Brass Connector	10	100

HDF-BF0412	1/4" Tube x 3/4" Female National Hose Connector	10	100
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HDF-FE FIXED ELBOWS

Part Number	Description	Bag	Box
HDF-FE0402	1/4" Tube x 1/8" MNPT, Fixed Elbow	10	500
HDF-FE0404	1/4" Tube x 1/4" MNPT, Fixed Elbow	10	400
HDF-FE0406	1/4" Tube x 3/8" MNPT, Fixed Elbow	10	300
HDF-FE0604	3/8" Tube x 1/4" MNPT, Fixed Elbow	10	300
HDF-FE0606	3/8" Tube x 3/8" MNPT, Fixed Elbow	10	250
HDF-FE0608	3/8" Tube x 1/2" MNPT, Fixed Elbow	10	250
HDF-FE0808	1/2" Tube x 1/2" MNPT, Fixed Elbow	10	150

HDF-UE UNION ELBOWS

Part Number	Description	Bag	Box
HDF-UE04	1/4" Tube x 1/4" Tube, Union Elbow	10	400
HDF-UE06	3/8" Tube x 3/8" Tube, Union Elbow	10	250
HDF-UE0604	3/8" Tube x 1/4" Tube, Union Elbow	10	250

HDF-ECV *ELBOW CHECK VALVE*

Part Number	Description	Bag	Box
HDF-ECV0402	1/4" Tube x 1/8" MNPT, Elbow Check Valve	10	500



Elbow Check Valve

HDF-ICV *INLINE CHECK VALVES*

Part Number	Description	Bag	Box
HDF-ICV04	1/4" Tube x 1/4" Tube, Inline Check Valve	10	300
HDF-ICV06	3/8" Tube x 3/8" Tube, Inline Check Valve	10	150



Inline Check Valve

HDF-MBT *MALE BRANCH TEES*

Part Number	Description	Bag	Box
HDF-MBT0404	1/4" Tube x 1/4" MNPT x 1/4" Tube, Male Branch Tee	10	300
HDF-MBT0606	3/8" Tube x 3/8" MNPT x 3/8" Tube, Male Branch Tee	10	200
HDF-MBT060604	3/8" Tube x 3/8" MNPT x 1/4" Tube, Male Branch Tee	10	200



Male Branch Tee

HDF-SBT *STEM BRANCH TEES*

Part Number	Description	Bag	Box
HDF-SBT0404	1/4" Tube x 1/4" Stem x 1/4" Tube, Stem Branch Tee	10	300
HDF-SBT0606	3/8" Tube x 3/8" Stem x 3/8" Tube, Stem Branch Tee	10	150



Stem Branch Tee



Union Tee

HDF-UT UNION TEES

Part Number	Description	Bag	Box
HDF-UT04	1/4" Tube x 1/4" Tube x 1/4" Tube, Union Tee	10	300
HDF-UT06	3/8" Tube x 3/8" Tube x 3/8" Tube, Union Tee	10	150
HDF-UT0406	1/4" Tube x 1/4" Tube x 3/8" Tube, Union Tee	10	150
HDF-UT0604	3/8" Tube x 3/8" Tube x 1/4" Tube, Union Tee	10	150



Stem Run Tee

HDF-SRT STEM RUN TEES

Part Number	Description	Bag	Box
HDF-SRT0404	1/4" Tube x 1/4" Tube x 1/4" Stem Run Tee	10	300
HDF-SRT0606	3/8" Tube x 3/8" Tube x 3/8" Stem Run Tee	10	200



Male Run Tee

HDF-MRT MALE RUN TEES

Part Number	Description	Bag	Box
HDF-MRT0404	1/4" Tube x 1/4" Tube x 1/4" MNPT, Male Run Tee	10	300
HDF-MRT060404	3/8" Tube x 1/4" Tube x 1/4" MNPT, Male Run Tee	10	200
HDF-MRT060604	3/8" Tube x 3/8" Tube x 1/4" MNPT, Male Run Tee	10	200



Two-Way Divider

HDF-TW TWO-WAY DIVIDERS

Part Number	Description	Bag	Box
HDF-TW04	1/4" Tube x 1/4" Tube x 1/4" Tube, Two Way Divider	10	300
HDF-TW06	3/8" Tube x 3/8" Tube x 3/8" Tube, Two Way Divider	10	120



HDF-MSA MALE STEM ADAPTORS

Part Number	Description	Bag	Box
HDF-MSA0404	1/4" Stem x 1/4" MNPT, Male Stem Adaptor	10	500
HDF-MSA0604	3/8" Stem x 1/4" MNPT, Male Stem Adaptor	10	400
HDF-MSA0606	3/8" Stem x 3/8" MNPT, Male Stem Adaptor	10	300



Male Stem Adaptor

HDF-FF FAUCET FITTINGS

Part Number	Description	Bag	Box
HDF-FF04	1/4" Tube x 7/16"-24 UNS, Faucet Fitting	10	300
HDF-FF06	3/8" Tube x 7/16"-24 UNS, Faucet Fitting	10	300



Faucet Fitting

HDF-PE PLUG IN ELBOWS

Part Number	Description	Bag	Box
HDF-PE0404	1/4" Stem x 1/4" Tube, Plug In Elbow	10	500
HDF-PE0406	1/4" Stem x 3/8" Tube, Plug In Elbow	10	300
HDF-PE0604	3/8" Stem x 1/4" Tube, Plug In Elbow	10	300
HDF-PE0606	3/8" Stem x 3/8" Tube, Plug In Elbow	10	300



Plug In Elbow

HDF-SC STEM CONNECTOR

Part Number	Description	Bag	Box
HDF-SC0604	3/8" Stem x 1/4" Tube, Stem Connector	10	300



Stem Connector

WNV FEED WATER ADAPTORS

Part Number	Description	Bag	Box
WNV-3	1/2" FNPT x 1/2" MNPT x 1/4" Tube, Feed Water Adaptor	1	500
WNV-4	1/2" FNPT x 1/2" MNPT x 3/8" Tube, Feed Water Adaptor	1	500



Feed Water Adaptor



Angle Stop Valve Adaptor



Ball Valve W/ Check Value



Inline Ball Valve



Male Ball Valve



Tank Ball Valve

HDF-ASVA ANGLE STOP VALVE ADAPTORS

Part Number	Description	Bag	Box
HDF-ASVA-14	3/8" Thread x 1/4" Tube (with 1/2" Adaptor)	1	200
HDF-ASVA-38	3/8" Thread x 3/8" Tube (with 1/2" Adaptor)	1	200

HDF-BVCV BALL VALVE WITH CHECK VALUE

Part Number	Description	Bag	Box
HDF-BVCV04	1/4" Tube x 1/4" Tube, Inline Check Ball Valve	10	100

HDF-BVI INLINE BALL VALVES

Part Number	Description	Bag	Box
HDF-BVI04	1/4" Tube x 1/4" Tube, Inline Ball Valve	10	150
HDF-BVI06	3/8" Tube x 3/8" Tube, Inline Ball Valve	10	100
HDF-BVI0604	3/8" Tube x 1/4" Tube, Inline Ball Valve	10	100

HDF-BVM MALE BALL VALVES

Part Number	Description	Bag	Box
HDF-BVM0404	1/4" Tube x 1/4" MNPT, Male Ball Valve	10	150
HDF-BVM0606	3/8" Tube x 3/8" MNPT, Male Ball Valve	10	100

HDF-BVT TANK BALL VALVES

Part Number	Description	Bag	Box
HDF-BVT0404	1/4" Tube x 1/4" FNPT, Female Tank Ball Valve	10	120
HDF-BVT0604	3/8" Tube x 1/4" FNPT, Female Tank Ball Valve	10	100



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HDF-ES

END STOP

Part Number	Description	Bag	Box
HDF-ES04	1/4" End Stop	10	500



End Stop

HDF-ESTH

HOSE BARB ELBOW CONNECTORS

Part Number	Description	Bag	Box
HDF-ESTH04	1/4" Stem x 1/4" Hose Barb Elbow Connector	10	200
HDF-ESTH06	3/8" Stem x 3/8" Hose Barb Elbow Connector	10	200



Hose Barb Elbow Connector

HDF-STH

HOSE BARB CONNECTORS

Part Number	Description	Bag	Box
HDF-STH0406	1/4" Stem x 3/8" Hose Barb Connector	10	500
HDF-STH06	3/8" Stem x 3/8" Hose Barb Connector	10	500



Hose Barb Connector

HDF-TBC

BEND CLIP

Part Number	Description	Bag	Box
HDF-TBC06	3/8" Tubing, Bend Clip	10	300



Bend Clip

HDF-TIR

RESTRICTORS

Part Number	Description	Bag
HDF-TIR150	150 CC Tube Insert Restrictor - White	10
HDF-TIR220	220 CC Tube Insert Restrictor - Blue	10
HDF-TIR300	300 CC Tube Insert Restrictor - Green	10
HDF-TIR430	430 CC Tube Insert Restrictor - Natural	10
HDF-TIR550	550 CC Tube Insert Restrictor - Pink	10
HDF-TIR800	800 CC Tube Insert Restrictor - Yellow	10
HDF-TIR1200	1200 CC Tube Insert Restrictor - Orange	10
HDF-TIR1600	1600 CC Tube Insert Restrictor - Red	10
HDF-TIR2000	2000 CC Tube Insert Restrictor - Purple	10



Restrictor



Collet



Locking Clip



Tube Cutter



O-Ring



Plug

HDF-CT COLLETS

Part Number	Description	Bag
HDF-CT04	1/4" Collet - White	10
HDF-CT06	3/8" Collet - White	10

HDF-LC LOCKING CLIPS

Part Number	Description	Bag
HDF-LC04R	1/4" Locking Clip - Red	10
HDF-LC06R	3/8" Locking Clip - Red	10

HDF-TC TUBE CUTTER

Part Number	Description	Bag
HDF-TC	Tube Cutter	1

HDF-ORING O-RINGS

Part Number	Description	Bag
HDF-04ORING	1/4" O-Ring	10
HDF-06ORING	3/8" O-Ring	10
HDF-08ORING	1/2" O-Ring	10

HDF-PG PLUGS

Part Number	Description	Bag
HDF-PG04WH	1/4" Plug - White	10
HDF-PG06WH	3/8" Plug - White	10



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PT04 1/4" POLYETHYLENE TUBING (500 FT ROLLS)

Part Number	Description	Box
PT04-BK-0500	1/4" Polyethylene Tube - Black	2
PT04-BL-0500	1/4" Polyethylene Tube - Blue	2
PT04-GN-0500	1/4" Polyethylene Tube - Green	2
PT04-NA-0500	1/4" Polyethylene Tube - Natural	2
PT04-OG-0500	1/4" Polyethylene Tube - Orange	2
PT04-RD-0500	1/4" Polyethylene Tube - Red	2
PT04-WH-0500	1/4" Polyethylene Tube - White	2
PT04-YL-0500	1/4" Polyethylene Tube - Yellow	2



1/4" Tubing

PT06 3/8" POLYETHYLENE TUBING (500 FT ROLLS)

Part Number	Description	Box
PT06-BK-0500	3/8" Polyethylene Tube - Black	1
PT06-BL-0500	3/8" Polyethylene Tube - Blue	1
PT06-NA-0500	3/8" Polyethylene Tube - Natural	1
PT06-RD-0500	3/8" Polyethylene Tube - Red	1
PT06-WH-0500	3/8" Polyethylene Tube - White	1



3/8" Tubing

PT08 1/2" POLYETHYLENE TUBING (250 FT ROLLS)

Part Number	Description	Box
PT08-BK-0250	1/2" Polyethylene Tube - Black	1
PT08-BL-0250	1/2" Polyethylene Tube - Blue	1
PT08-NA-0250	1/2" Polyethylene Tube - Natural	1
PT08-WH-0250	1/2" Polyethylene Tube - White	1



1/2" Tubing



RECOMMENDED MAINTENANCE

It is recommended that installations are inspected a minimum of once per year and parts replaced as needed.

USE LOCKING CLIPS



To ensure that connections don't release accidentally we recommend you use locking clips on all connections.

TUBE CUTTER



For clean, square, chamfer, and burr free cuts always use a HYDROFIT™ Tube Cutter. Never use scissors or other non approved cutting devices. Use of these could result in failure and damage.



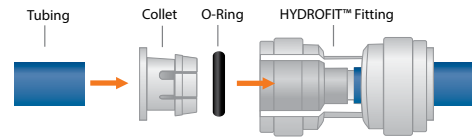
Certified to NSF/ANSI Standard 61

HYDROFIT™ - Quick Connect Fittings

Installation Instructions

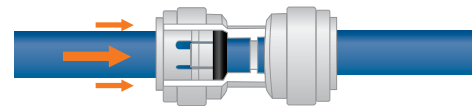
Step 1. Cut the Tubing

Cut the tube cleanly and squarely. Ensure that the tube has a smooth outside diameter without any burrs, chamfers or score marks prior to inserting it into the fitting. Tubing that has not been cut properly can cause drips and leaks.



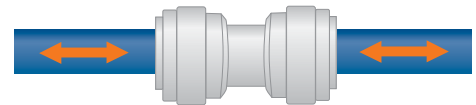
Step 2. Insert Tubing

Push the tubing through the collet and o-rings until it bottoms out against the tube stop. The collet holds the tube in place and the o-ring provides a leak resistant seal. If you need to remove the tubing always re-cut before connecting tubing again. Scores on tubing can cause failure.



Step 3. Inspect and Test

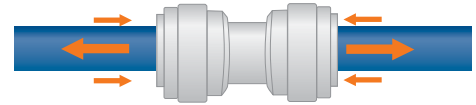
Push and pull the tubing toward and away from the fitting to ensure that it has been installed properly. Test and inspect the installation for any leaks.



Removal Instructions

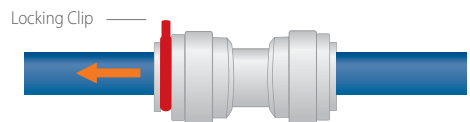
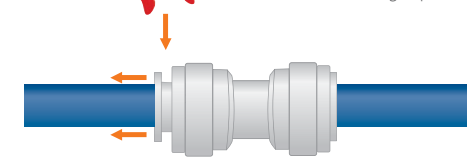
Tube Removal

Relieve pressure from the tubing and fitting. Push the collet flange against the fitting body while pulling the tubing away from the fitting to release it.



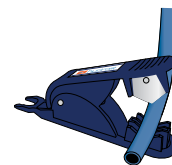
HOW TO USE LOCKING CLIPS

To avoid accidental disconnections, it is recommended to secure all the connections with locking clips.

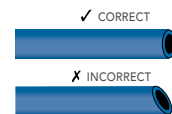


HOW TO USE TUBE CUTTER

It's recommended to cut the tube at a right angle with a HYDROFIT™ tube cutter.



Make sure that before you make the connection, the exterior diameter of the tube is smooth without burrs or chamfers.



Never use scissors or any other cutting tools they may cause drips and leaks.

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