

Price List OF1800-HP  
Effective September 2, 2008  
Supersedes all previous price lists.

# ORION

## ORION FITTINGS

# PRICE GUIDE *OF-1800* HIGH PURITY

### ***POLYPROPYLENE & PVDF HIGH PURITY PIPING SYSTEMS***



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# Whiteline Polypropylene Homopolymer Socket Fusion

All pipe is supplied in 10 foot lengths.  
 Prices per 100 feet.  
 Fittings individually bagged  
 Pipe supplied with ends capped.



PIPE - (Non-Grooved)					
Size	Part#	Price	Size	Part#	Price
WHITELINE SCHEDULE 80			WHITELINE SCHEDULE 40		
1/2"	0140506480	\$600.00	1/2"	N/A	N/A
3/4"	0140756480	\$750.00	3/4"	N/A	N/A
1"	0140106480	\$1060.00	1"	N/A	N/A
1-1/2"	0140156480	\$1400.00	1-1/2"	N/A	P.O.A.
2"	0140206480	\$1980.00	2"	N/A	P.O.A.
3"	0140306480	\$4700.00	3"	0140306440	P.O.A.
4"	0140406480	\$5940.00	4"	0140406440	P.O.A.

COUPLING - CLS			
Size	Part#	Price	
1/2"	31405001	\$18.10	
3/4"	31407501	\$22.20	
1"	31401001	\$25.50	
1-1/2"	31401501	\$33.10	
2"	31402001	\$42.80	

45° ELBOW 1/8 bend			
Size	Part#	Price	
1/2"	31405002	\$19.60	
3/4"	31407502	\$25.40	
1"	31401002	\$31.50	
1-1/2"	31401502	\$44.00	
2"	31402002	\$56.90	

90° ELBOWS - 1/4 bend			
Size	Part#	Price	
1/2"	31405003	\$20.00	
3/4"	31407503	\$24.80	
1"	31401003	\$31.20	
1-1/2"	31401503	\$42.50	
2"	31402003	\$56.90	

TEE - 90T			
Size	Part#	Price	
1/2"	31405052	\$24.00	
3/4"	31407552	\$28.10	
1"	31401052	\$32.70	
1-1/2"	31401552	\$49.30	
2"	31402052	\$65.00	

REDUCING TEE - R90T			
Size	Part#	Price	
3/4" X 1/2"	314750553	\$30.60	
1" X 1/2"	314010553	\$37.10	
1" X 3/4"	314017553	\$37.10	
1-1/2" X 1"	314150153	\$53.80	
2" X 1-1/2"	314021553	\$67.00	

CAP			
Size	Part#	Price	
1/2"	31405021	\$18.10	
3/4"	31407521	\$22.20	
1"	31401021	\$25.50	
1-1/2"	31401521	\$33.10	
2"	31402021	\$42.80	

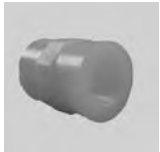
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**MALE ADAPTER - MA**

Size	Part#	Price
1/2"	31405017	\$20.10
3/4"	31407517	\$24.20
1"	31401017	\$27.30
1-1/2"	31401517	\$33.60
2"	31402017	\$52.30

**FEMALE ADAPTER - FA**

Size	Part#	Price
1/2"	31405018	\$20.10
3/4"	31407518	\$24.20
1"	31401018	\$27.30
1-1/2"	31401518	\$33.60
2"	31402018	\$52.30

**REDUCING FEMALE ADAPTER**

Size	Part#	Price
1/2" X 1/4"	314052554	\$66.60
1/2" X 3/8"	314053854	\$66.60

**REDUCING BUSHING - RB**

Size	Part#	Price
3/4" X 1/2"	314750522	\$22.80
1" X 1/2"	314010522	\$25.40
1" X 3/4"	314017522	\$25.40
1-1/2" X 1/2"	314150522	\$34.80
1-1/2" X 3/4"	314157522	\$34.80
1-1/2" X 1"	314150122	\$34.80
2" X 1-1/2"	314021522	\$60.50
2" X 1"	314020122	\$60.50
2" X 3/4"	314027522	\$60.50

**FLANGE 150 # SLIP-ON**

Size	Part#	Price
1/2"	31405035	\$38.30
3/4"	31407535	\$42.80
1"	31401035	\$49.00
1-1/2"	31401535	\$68.20
2"	31402035	\$85.10

Backing ring recommended

**REDUCING COUPLING**


Size	Part#	Price
3/4" X 1/2"	314750551	\$22.80
1" X 1/2"	314010551	\$25.40
1" X 3/4"	314017551	\$25.40
1-1/2" X 1/2"	314150551	\$34.80
1-1/2" X 3/4"	314157551	\$34.80
1-1/2" X 1"	314150151	\$34.80
2" X 1-1/2"	314021551	\$60.50
2" X 1"	314020151	\$60.50
2" X 3/4"	314027551	\$60.50


**BACKING RING**


Size	Part#	Price
1/2"	04005036	\$32.70
3/4"	04007536	\$39.00
1"	04001036	\$45.60
1-1/2"	04001536	\$70.80
2"	04002036	\$78.30

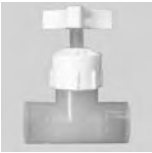
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UNION w/ VITON O- RINGS			
	Size	Part#	Price
	1/2"	31405055	\$78.90
	3/4"	31407555	\$90.70
	1"	31401055	\$107.20
	1-1/2"	31401555	\$180.00
	2"	31402055	\$235.70
150 psi			


DIAPHRAGM VALVE			
	Size	Part#	Price
	1/2"	31405056	\$709.10
	3/4"	31407556	\$754.90
	1"	31401056	\$812.00
	1-1/2"	31401556	\$1,280.80
	2"	31402056	\$1,544.00
150 psi			

TRUE UNION BALL VALVE			
	Size	Part#	Price
	1/2"	31405057	\$177.40
	3/4"	31407557	\$210.90
	1"	31401057	\$276.60
	1-1/2"	31401557	\$429.40
	2"	31402057	\$664.20
EPDM 150 psi FIP Threads available-order separately			

NEEDLE VALVE			
	Size	Part#	Price
	3/8"	31403859	\$123.90
	1/2"	31405059	\$123.90
	Supplied with FIP threading		

HOSE CONNECTION			
	Size	Part#	Price
	3/4" soc x 3/4" - N.R. hose thread	31407560	\$57.80

HOSE BARB			
	Size	Part#	Price
	3/8" MIP x 1/2" hose barb straight (S) or angled (A)	814053861	\$30.60

SINGLE-UNION BALL CHECK VALVE			
	Size	Part#	Price
	1/2"	31405058	\$177.40
	3/4"	31407558	\$210.90
	1"	31401058	\$276.60
	1-1/2"	31401558	\$430.20
	2"	31402058	\$664.20
Valves supplied with socket ends 150 psi			

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# Whiteline Polypropylene - Riontite®

High purity water systems are rated to 150 psi.

All fittings are supplied with necessary nuts, gaskets & split lock rings.

All pipe is supplied in 10 foot grooved lengths. Prices per 100 feet.

Fittings are individually bagged. Pipe supplied with ends capped.



PIPE		
Size	Part#	Price
WHITELINE SCHEDULE 80		
1/2"	5140506480	\$620.00
3/4"	5140756480	\$780.00
1"	5140106480	\$1100.00
1-1/2"	5140156480	\$1450.00
2"	5140206480	\$2050.00

## COUPLING - CLS



Size	Part#	Price
1/2"	51405001	\$20.40
3/4"	51407501	\$24.10
1"	51401001	\$27.90
1-1/2"	51401501	\$43.90
2"	51402001	\$57.40

## 45° ELBOW - 1/8 bend



Size	Part#	Price
1/2"	51405002	\$22.10
3/4"	51407502	\$27.90
1"	51401002	\$34.00
1-1/2"	51401502	\$56.40
2"	51402002	\$74.80

## 90° ELBOW - 1/4 Bend



Size	Part#	Price
1/2"	51405003	\$22.10
3/4"	51407503	\$27.90
1"	51401003	\$34.00
1-1/2"	51401503	\$56.40
2"	51402003	\$74.80

## TEE - 90T



Size	Part#	Price
1/2"	51405052	\$27.30
3/4"	51407552	\$32.50
1"	51401052	\$38.30
1-1/2"	51401552	\$66.60
2"	51402052	\$83.80

## REDUCING TEE - R90T



Size	Part#	Price
3/4" X 1/2"	514750553	\$43.30
1" X 1/2"	514010553	\$53.10
1" X 3/4"	514017553	\$53.10
1-1/2" X 1"	514150153	\$80.20
2" X 1-1/2"	514021553	\$100.50

## CAP

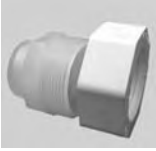


Size	Part#	Price
1/2"	51405021	\$20.40
3/4"	51407521	\$24.20
1"	51401021	\$28.40
1-1/2"	51401521	\$42.80
2"	51402021	\$56.80


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<b>MALE ADAPTER - MA</b>			
Size	Part#	Price	
1/2"	51405017	\$22.10	
3/4"	51407517	\$27.90	
1"	51401017	\$34.00	
1-1/2"	51401517	\$52.50	
2"	51402017	\$69.50	




<b>FEMALE ADAPTER - FA</b>			
Size	Part#	Price	
1/2"	51405018	\$22.10	
3/4"	51407518	\$27.90	
1"	51401018	\$34.00	
1-1/2"	51401518	\$52.50	
2"	51402018	\$69.50	




<b>REDUCING FEMALE ADAPTER</b>			
Size	Part#	Price	
1/2" X 1/4"	514052554	\$85.60	
1/2" X 3/8"	514053854	\$85.60	




<b>REDUCING COUPLING - RCLS</b>			
Size	Part#	Price	
3/4"X1/2"	514750551	\$28.40	
1"X1/2"	514010551	\$36.10	
1"X3/4"	514017551	\$36.10	
1-1/2"X3/4"	514157551	\$52.50	
1-1/2"X1"	514150151	\$52.50	
2"X1/2"	514020551	\$68.90	
2"X3/4"	514027551	\$68.90	
2"X1"	514020151	\$68.90	
2"X1-1/2"	514021551	\$68.90	




<b>FLANGE - FLG</b>			
Size	Part#	Price	
1/2"	51405035	\$44.30	
3/4"	51407535	\$50.30	
1"	51401035	\$56.80	
1-1/2"	51401535	\$79.70	
2"	51402035	\$100.10	




<b>BACKING RING</b>			
Size	Part#	Price	
1/2"	04005036	\$32.70	
3/4"	04007536	\$39.00	
1"	04001036	\$45.60	
1-1/2"	04001536	\$70.80	
2"	04002036	\$78.30	




<b>UNION</b>			
Size	Part#	Price	
1/2"	51405055	\$71.60	
3/4"	51407555	\$90.80	
1"	51401055	\$110.00	
1-1/2"	51401555	\$206.20	
2"	51402055	\$286.70	
EPDM			




<b>BALL CHECK VALVE</b>			
Size	Part#	Price	
1/2"	51405058	\$223.70	
3/4"	51407558	\$260.70	
1"	51401058	\$346.10	
1-1/2"	51401558	\$540.80	
2"	51402058	\$746.30	
EPDM			



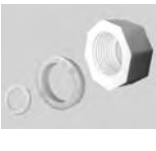
<b>NEEDLE VALVE - FIP THREADS</b>			
Size	Part#	Price	
3/8"	51403859	\$125.50	
1/2"	51405059	\$125.50	




<b>DIAPHRAGM VALVE</b>			
Size	Part#	Price	
1/2"	51405056	\$767.70	
3/4"	51407556	\$850.60	
1"	51401056	\$931.20	
1-1/2"	51401556	\$1,329.10	
2"	51402056	\$1,618.30	



<b>RIONTITE REPAIR KIT</b>			
<i>Includes 5 gaskets, 5 split lock rings, 5 nuts</i>			
Size	Part#	Price	
1/2"	51405072	\$22.10	
3/4"	51407572	\$25.10	
1"	51401072	\$30.40	
1-1/2"	51401572	\$43.90	
2"	51402072	\$57.80	



<b>TRUE UNION BALL VALVE</b>			
Size	Part#	Price	
1/2"	51405057	\$223.70	
3/4"	51407557	\$260.70	
1"	51401057	\$346.10	
1-1/2"	51401557	\$540.80	
2"	51402057	\$746.30	
EPDM O'rings FIP Threads available-order separately			



\* Non-Cancelable, Non-Returnable  
 Attention: Do not pressure test with compressed air or gas!

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# Standardline Copolymer Polypropylene Socket Fusion - High Purity Water Systems

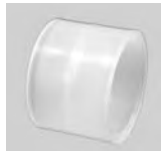
All pipe is supplied in 10 foot lengths, 100 feet per package. Prices per 100 feet.

Fittings individually bagged, 5 per package. Pipe supplied with ends capped Pipe is non-cancelable and non-returnable.



PIPE - (non grooved)		
Size	Part#	Price
WHITELINE SCHEDULE 80		
1/2"	0150506480	\$230.00
3/4"	0150756480	\$290.00
1"	0150106480	\$420.00
1-1/2"	0150156480	\$770.00
2"	0150206480	\$1070.00

## COUPLING - CLS



Size	Part#	Price
1/2"	31505001	\$5.80
3/4"	31507501	\$7.30
1"	31501001	\$9.90
1-1/2"	31501501	\$14.50
2"	31502001	\$20.30

## 45° ELBOW - 1/8 bend



Size	Part#	Price
1/2"	31505002	\$8.80
3/4"	31507502	\$10.40
1"	31501002	\$12.00
1-1/2"	31501502	\$18.10
2"	31502002	\$22.20

## 90° ELBOW - 1/4 bend



Size	Part#	Price
1/2"	31505003	\$8.80
3/4"	31507503	\$10.40
1"	31501003	\$12.00
1-1/2"	31501503	\$18.10
2"	31502003	\$22.20

## TEE - 90T



Size	Part#	Price
1/2"	31505052	\$10.40
3/4"	31507552	\$12.00
1"	31501052	\$13.60
1-1/2"	31501552	\$24.20
2"	31502052	\$31.70

## REDUCING TEE - R90T



Size	Part#	Price
3/4" X 1/2"	315750553	\$33.20
1" X 1/2"	315010553	\$39.30
1" X 3/4"	315017553	\$40.90
1-1/2" X 1"	315150153	\$49.00
2" X 1-1/2"	315021553	\$56.90


## CAP




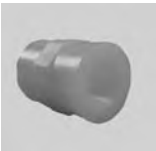
Size	Part#	Price
1/2"	31505021	\$7.60
3/4"	31507521	\$8.50
1"	31501021	\$9.40
1-1/2"	31501521	\$14.40
2"	31502021	\$19.20


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<b>MALE ADAPTER - MA</b>			
	Size	Part#	Price
	1/2"	31505017	\$11.40
	3/4"	31507517	\$13.60
	1"	31501017	\$15.60
	1-1/2"	31501517	\$20.70
	2"	31502017	\$28.40


<b>FEMALE ADAPTER - FA</b>			
	Size	Part#	Price
	1/2"	31505018	\$11.40
	3/4"	31507518	\$13.60
	1"	31501018	\$15.60
	1-1/2"	31501518	\$20.80
	2"	31502018	\$28.40


<b>REDUCING FIP ADAPTER</b>			
	Size	Part#	Price
	1/2" X 1/4"	315052554	\$45.40
	1/2" X 3/8"	315053854	\$45.40

<b>REDUCING COUPLING - RCLS</b>			
	Size	Part#	Price
	3/4" X 1/2"	315750551	\$13.10
	1" X 1/2"	315010551	\$15.60
	1" X 3/4"	315017551	\$17.70
	1-1/2" X 1/2"	315150551	\$24.80
	1-1/2" X 3/4"	315157551	\$26.20
	1-1/2" X 1"	315150151	\$26.90
	2" X 1/2"	315020551	\$45.40
	2" X 3/4"	315027551	\$45.40
	2" X 1"	315020151	\$45.40
	2" X 1-1/2"	315021551	\$45.40

<b>FLANGE 150# SLIP-ON</b>			
	Size	Part#	Price
	1/2"	31405035	\$27.80
	3/4"	31407535	\$31.20
	1"	31401035	\$36.20
	1-1/2"	31401535	\$54.80
	2"	31402035	\$63.40

Flanges packaged 2 each

<b>REDUCING BUSHING</b>			
	Size	Part#	Price
	3/4" X 1/2"	315750522	\$13.10
	1" X 1/2"	315010522	\$15.60
	1" X 3/4"	315017522	\$17.70
	1-1/2" X 1/2"	315150522	\$24.80
	1-1/2" X 3/4"	315157522	\$26.20
	1-1/2" X 1"	315150122	\$26.90
	2" X 1/2"	315020522	\$45.40
	2" X 3/4"	315027522	\$45.40
	2" X 1"	315020122	\$45.40
2" X 1-1/2"	315021522	\$45.40	

<b>BACKING RING</b>			
	Size	Part#	Price
	1/2"	04005036	\$32.70
	3/4"	04007536	\$39.00
	1"	04001036	\$45.60
	1-1/2"	04001536	\$70.80
	2"	04002036	\$78.30

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**UNION**

EPDM  
150 psi

Size	Part#	Price
1/2"	31505055	\$78.90
3/4"	31507555	\$90.70
1"	31501055	\$107.20
1-1/2"	31501555	\$133.90
2"	31502055	\$235.60

**TRUE UNION BALL VALVE**

Viton  
150 psi

Size	Part#	Price
1/2"	31505057	\$177.40
3/4"	31507557	\$210.90
1"	31501057	\$276.60
1-1/2"	31501557	\$429.40
2"	31502057	\$664.20

FIP threads available-order separately

**HOSE BARB**

Size	Part#	Price
3/8" MIP x 1/2" hose barb straight (S) or angled (A)	814053861	\$30.60

**SINGLE-UNION BALL CHECK VALVE**

Valves supplied  
with socket ends  
150 psi

Size	Part#	Price
1/2"	31405058	\$177.40
3/4"	31407558	\$210.90
1"	31401058	\$276.60
1-1/2"	31401558	\$429.40
2"	31402058	\$664.20

\* Non-Cancelable, Non-Returnable

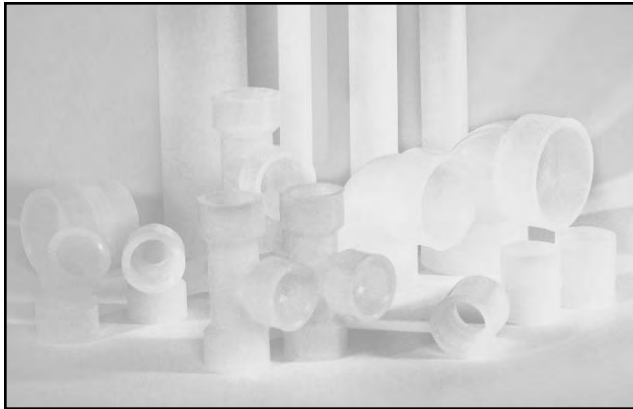
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# PVDF Socket Fusion

## High Purity Water Systems

All fittings individually bagged.  
 PVDF is Non-cancelable, non-returnable.  
 All pipe is supplied in 10 foot lengths. Prices per 100 feet.



PIPE - (non-grooved)					
Size	Part#	Price	Size	Part#	Price
WHITELINE SCHEDULE 80			WHITELINE SCHEDULE 40		
1/2"	0240506480	\$2520.00	1/2"	0240506440	\$1790.00
3/4"	0240756480	\$2950.00	3/4"	0240756440	\$2420.00
1"	0240106480	\$4280.00	1"	0240106440	\$3520.00
1-1/2"	0240156480	\$5570.00	1-1/2"	0240156440	\$5030.00
2"	0240206480	\$7660.00	2"	0240206440	\$6420.00
<b>230 PSI</b>					
1/2"	02405064230	\$1260.00			
3/4"	02407564230	\$1600.00			
1"	02401064230	\$2530.00			
1-1/2"	02401564230	\$4550.00			
2"	02402064230	\$5960.00			

COUPLING - CLS			
Size	Part#	Price	
1/2"	32405001	\$13.00	
3/4"	32407501	\$16.10	
1"	32401001	\$21.20	
1-1/2"	32401501	\$44.10	
2"	32402001	\$63.20	

ELBOW 45E - 1/8 bend			
Size	Part#	Price	
1/2"	32405002	\$23.00	
3/4"	32407502	\$30.90	
1"	32401002	\$47.20	
1-1/2"	32401502	\$67.30	
2"	32402002	\$104.50	

ELBOW 90E - 1/4 bend			
Size	Part#	Price	
1/2"	32405003	\$19.30	
3/4"	32407503	\$24.50	
1"	32401003	\$46.10	
1-1/2"	32401503	\$82.40	
2"	32402003	\$108.50	

TEE - 90T			
Size	Part#	Price	
1/2"	32405052	\$36.00	
3/4"	32407552	\$38.10	
1"	32401052	\$58.10	
1-1/2"	32401552	\$99.30	
2"	32402052	\$156.00	

Attention: Do not pressure test with compressed air or gas! Severe damage or bodily injury can result.  
 PRICES SUBJECT TO CHANGE WITHOUT NOTICE, POSSESSION OF THIS PRICE LIST SHALL NOT BE CONSTRUED AS AN  
 OFFER TO SELL TO THE BEARER.

**REDUCING TEE - R90T**

Size	Part#	Price
3/4" x 1/2"	324750553	\$41.30
1" x 1/2"	324010553	\$62.50
1" x 3/4"	324017553	\$62.50
1-1/2" x 1"	324150153	\$114.90
2" x 1-1/2"	324021553	\$178.10

**MALE ADAPTER - MA**

Size	Part#	Price
1/2"	32405017	\$36.00
3/4"	32407517	\$45.30
1"	32401017	\$50.90
1-1/2"	32401517	\$59.70
2"	32402017	\$83.40

**FEMALE ADAPTER - FA**

Size	Part#	Price
1/2"	32405018	\$36.00
1/2" x 1/4"	324052554	\$78.20
1/2" x 3/8"	324053854	\$78.20
3/4"	32407518	\$45.50
1"	32401018	\$50.90
1-1/2"	32401518	\$59.70
2"	32402018	\$83.40

**CAP**

Size	Part#	Price
1/2"	32405021	\$12.90
3/4"	32407521	\$18.40
1"	32401021	\$23.20
1-1/2"	32401521	\$42.50
2"	32402021	\$62.00

**REDUCING BUSHING - RB**

Size	Part#	Price
3/4" x 1/2"	324750522	\$18.00
1" x 1/2"	324010522	\$25.70
1" x 3/4"	324017522	\$25.70
1-1/2" x 1"	324150122	\$50.90
2" x 1/2"	324020522	\$52.50
2" x 3/4"	324027522	\$52.50
2" x 1"	324020122	\$52.50
2" x 1-1/2"	324021522	\$52.50

**REDUCING COUPLING - RCLS**

Size	Part#	Price
3/4" x 1/2"	324750551	\$20.40
1" x 1/2"	324010551	\$27.70
1" x 3/4"	324017551	\$29.60
1-1/2" x 3/4"	324157551	\$53.70
1-1/2" x 1"	324150151	\$53.70
2" x 1/2"	324020551	\$75.70
2" x 3/4"	324027551	\$75.70
2" x 1"	324020151	\$75.70
2" x 1-1/2"	324021551	\$75.70

**FLANGE - FLG**


Size	Part#	Price
1/2"	32405035	\$47.70
3/4"	32407535	\$60.90
1"	32401035	\$80.00
1-1/2"	32401535	\$113.20
2"	32402035	\$193.70


**BACKING RING**


Size	Part#	Price
1/2"	04005036	\$32.70
3/4"	04007536	\$39.00
1"	04001036	\$45.60
1-1/2"	04001536	\$70.80
2"	04002036	\$78.30


Attention: Do not pressure test with compressed air or gas! Severe damage or bodily injury can result.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE, POSSESSION OF THIS PRICE LIST SHALL NOT BE CONSTRUED AS AN OFFER TO SELL TO THE BEARER.

<b>UNION</b>			
	Size	Part#	Price
	1/2"	32405055	\$78.50
	3/4"	32407555	\$94.00
	1"	32401055	\$137.70
	1-1/2"	32401555	\$249.00
	2"	32402055	\$306.10
	Viton 150 psi		

<b>BALL CHECK VALVE</b>			
	Size	Part#	Price
	1/2"	32405058	\$173.60
	3/4"	32407558	\$200.90
	1"	32401058	\$286.50
	1-1/2"	32401558	\$454.70
	2"	32402058	\$665.70
	Viton 150 psi		

<b>TRUE UNION BALL VALVE</b>			
	Size	Part#	Price
	1/2"	32405057	\$205.00
	3/4"	32407557	\$231.70
	1"	32401057	\$337.20
	1-1/2"	32401557	\$581.10
	2"	32402057	\$796.70
	Viton 150 psi FIP threads available-order separately		

<b>DIAPHRAGM VALVE TFE DIAPHRAGM</b>			
	Size	Part#	Price
	1/2"	32405056	\$581.30
	3/4"	32407556	\$630.90
	1"	32401056	\$682.50
	1-1/2"	32401556	\$1,170.50
	2"	32402056	\$1,440.00
	Teflon diaphragm 150 psi		

Attention: Do not pressure test with compressed air or gas! Severe damage or bodily injury can result.  
 PRICES SUBJECT TO CHANGE WITHOUT NOTICE, POSSESSION OF THIS PRICE LIST SHALL NOT BE CONSTRUED AS AN  
 OFFER TO SELL TO THE BEARER.

## PVDF Riontite Joining System High Purity Water Systems

System rated to 150 psi  
All fittings individually bagged.  
Non-cancelable, Non-returnable.  
All pipe is supplied in 10 foot grooved lengths.  
Prices per 100 feet.  
All fittings include nut, ring, and gasket.



### PIPE (grooved)

Size	Part#	Price
<b>WHITELINE SCHEDULE 80</b>		
1/2"	5240506480	\$2760.00
3/4"	5240756480	\$3230.00
1"	5240106480	\$4690.00
1-1/2"	5240156480	\$6100.00
2"	5240206480	\$8390.00

### COUPLING - CLS

Size	Part#	Price
1/2"	52405001	\$16.20
3/4"	52407501	\$18.90
1"	52401001	\$23.20
1-1/2"	52401501	\$46.50
2"	52402001	\$63.20



### ELBOW 45E - 1/8 bend

Size	Part#	Price
1/2"	52405002	\$23.20
3/4"	52407502	\$31.60
1"	52401002	\$46.50
1-1/2"	52401502	\$67.00
2"	52402002	\$100.90



### ELBOW 90E - 1/4 bend

Size	Part#	Price
1/2"	52405003	\$21.10
3/4"	52407503	\$26.50
1"	52401003	\$46.50
1-1/2"	52401503	\$82.00
2"	52402003	\$103.00



### TEE - 90T

Size	Part#	Price
1/2"	52405052	\$38.90
3/4"	52407552	\$41.20
1"	52401052	\$58.70
1-1/2"	52401552	\$98.70
2"	52402052	\$148.40

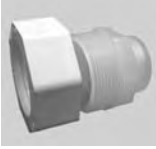



### REDUCING TEE - R90T


Size	Part#	Price
3/4" x 1/2"	524750553	\$44.30
1" x 1/2"	524010553	\$63.20
1" x 3/4"	524017553	\$63.20
1-1/2" x 1"	524150153	\$110.90
2" x 1-1/2"	524021553	\$163.40





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OFFER TO SELL TO THE BEARER.


<b>MALE ADAPTER MA</b>			
	Size	Part#	Price
	1/2"	52405017	\$34.70
	3/4"	52407517	\$42.10
	1"	52401017	\$48.30
	1-1/2"	52401517	\$56.90
	2"	52402017	\$77.60


<b>FEMALE ADAPTER FA</b>			
	Size	Part#	Price
	1/2" x 1/4"	524052554	\$90.80
	1/2" x 3/8"	524053854	\$90.80
	1/2"	52405018	\$34.70
	3/4"	52407518	\$42.10
	1"	52401018	\$48.30
	1-1/2"	52401518	\$56.90
	2"	52402018	\$77.60


<b>CAP</b>			
	Size	Part#	Price
	1/2"	52405021	\$14.10
	3/4"	52407521	\$18.90
	1"	52401021	\$23.20
	1-1/2"	52401521	\$42.10
	2"	52402021	\$60.40


<b>REDUCING COUPLING RCLS</b>			
	Size	Part#	Price
	3/4" x 1/2"	524750551	\$28.70
	1" x 3/4"	524017551	\$28.70
	1-1/2" x 1"	524150151	\$49.40
	2" x 1/2"	524020551	\$70.90
	2" x 3/4"	524027551	\$70.90
	2" x 1"	524020151	\$70.90
	2" x 1-1/2"	524021551	\$70.90


<b>FLANGE</b>			
	Size	Part#	Price
	1/2"	52405035	\$48.30
	3/4"	52407535	\$52.60
	1"	52401035	\$75.80
	1-1/2"	52401535	\$110.90
	2"	52402035	\$188.40

<b>BACKING RING</b>			
	Size	Part#	Price
	1/2"	04005036	\$32.70
	3/4"	04007536	\$39.00
	1"	04001036	\$45.60
	1-1/2"	04001536	\$70.80
	2"	04002036	\$78.30

<b>UNION</b>			
	Size	Part#	Price
	1/2"	52405055	\$86.00
	3/4"	52407555	\$103.00
	1"	52401055	\$150.80
	1-1/2"	52401555	\$271.40
	2"	52402055	\$335.10
	Viton		

<b>TRUE UNION BALL VALVE</b>			
	Size	Part#	Price
	1/2"	52405057	\$225.00
	3/4"	52407557	\$262.00
	1"	52401057	\$412.80
	1-1/2"	52401557	\$709.50
	2"	52402057	\$921.90
	Viton FIP Threads available-order separately		

<b>BALL CHECK VALVE</b>			
	Size	Part#	Price
	1/2"	52405058	\$195.90
	3/4"	52407558	\$230.00
	1"	52401058	\$335.20
	1-1/2"	52401558	\$542.50
	2"	52402058	\$741.70
	Viton		

<b>DIAPHRAGM VALVE</b>			
	Size	Part#	Price
	1/2"	52405056	\$671.50
	3/4"	52407556	\$710.70
	1"	52401056	\$775.40
	1-1/2"	52401556	\$1328.30
	2"	52402056	\$1652.80
	Teflon diaphragm		

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### Ultra Pure Water Flexible Connector

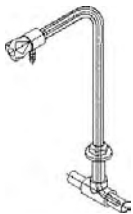
Manufactured from 1/16" Kynar PVDF tubing. 1/2" O.D.  
 Custom lengths available. All items non-cancelable and non-returnable.

Decription	Part#	Price	Decription	Part#	Price
12" LG x 3/8" FIP x 1/2" FIP	38F-12-12F	\$84.20	24" LG x 3/8" FIP x 1/2" FIP	38F-24-12F	\$107.90
12" LG x 3/8" FIP x 1/2" MIP	38F-12-12M	\$84.20	24" LG x 3/8" FIP x 1/2" MIP	38F-24-12M	\$107.90
12" LG x 3/8" MIP x 1/2" FIP	38M-12-12F	\$84.20	24" LG x 3/8" MIP x 1/2" FIP	38M-24-12F	\$107.90
12" LG x 3/8" MIP x 1/2" MIP	38M-12-12M	\$84.20	24" LG x 3/8" MIP x 1/2" MIP	38M-24-12M	\$107.90
12" LG x 1/2" FIP x 1/2" FIP	12F-12-12F	\$84.20	24" LG x 1/2" FIP x 1/2" FIP	12F-24-12F	\$107.90
12" LG x 1/2" MIP x 1/2" MIP	12M-12-12M	\$84.20	24" LG x 1/2" MIP x 1/2" MIP	12M-24-12M	\$107.90
12" LG x 1/2" MIP x 1/2" FIP	12M-12-12F	\$84.20	24" LG x 1/2" MIP x 1/2" FIP	12M-24-12F	\$107.90
<hr/>					
18" LG x 3/8" FIP x 1/2" FIP	38F-18-12F	\$99.00	36" LG x 3/8" FIP x 1/2" FIP	38F-36-12F	\$120.80
18" LG x 3/8" FIP x 1/2" MIP	38F-18-12M	\$99.00	36" LG x 3/8" FIP x 1/2" MIP	38F-36-12M	\$120.80
18" LG x 3/8" MIP x 1/2" FIP	38M-18-12F	\$99.00	36" LG x 3/8" MIP x 1/2" FIP	38M-36-12F	\$120.80
18" LG x 3/8" MIP x 1/2" MIP	38M-18-12M	\$99.00	36" LG x 3/8" MIP x 1/2" MIP	38M-36-12M	\$120.80
18" LG x 1/2" FIP x 1/2" FIP	12F-18-12F	\$99.00	36" LG x 1/2" FIP x 1/2" FIP	12F-36-12F	\$120.80
18" LG x 1/2" MIP x 1/2" MIP	12M-18-12M	\$99.00	36" LG x 1/2" MIP x 1/2" MIP	12M-36-12M	\$120.80
18" LG x 1/2" MIP x 1/2" FIP	12M-18-12F	\$99.00	36" LG x 1/2" MIP x 1/2" FIP	12M-36-12F	\$120.80

## LABORATORY FAUCETS

Rated to 150 psi

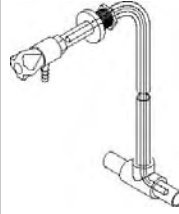
### Deck Mounted Recirculating Faucet



Socket Fusion	SF16410.009	\$893.30
Riontite	RT16410.009	\$1168.00

Brass body with polyester powder coated finish and polypro liner

### Panel Mounted Recirculating Faucet



Socket Fusion	SF16411.009	\$893.30
Riontite	RT16411.009	\$1168.00

Brass body with polyester powder coated finish and polypro liner

### Deck Mounted DI Faucet



06978.009	\$264.00
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Brass body with polyester powder coated finish and polypro liner

### Panel Mounted DI Faucet



06202.009	\$334.30
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Brass body with polyester powder coated finish and polypro liner


**All faucets non-cancelable and non-returnable.**


Attention: Do not pressure test with compressed air or gas! Severe damage or bodily injury can result.


PRICES SUBJECT TO CHANGE WITHOUT NOTICE, POSSESSION OF THIS PRICE LIST SHALL NOT BE CONSTRUED AS AN OFFER TO SELL TO THE BEARER.


# LABORATORY FAUCETS


Rated to 150 psi


<b>GNF 10 - WELDED VALVE ASSEMBLY</b>			
	Material	Part#	Price
	PP	GNF10-1	\$475.80
	*PVDF	GNF10-2	\$590.00
Deck mounted			


<b>GNF 10VB - WELDED VALVE ASSEMBLY WITH VACUUM BREAKER</b>			
	Material	Part#	Price
	PP	GNF10VB-1	\$559.70
	*PVDF	GNF10VB-2	\$685.00
Deck mounted with integral vacuum breaker			


<b>GNF 20 - WELDED VALVE ASSEMBLY</b>			
	Material	Part#	Price
	PP	GNF20-1	\$503.60
	*PVDF	GNF20-2	\$650.30
Wall mounted			


<b>GNF 20VB - WELDED VALVE ASSEMBLY WITH VACUUM BREAKER</b>			
	Material	Part#	Price
	PP	GNF20VB-1	\$597.40
	*PVDF	GNF20VB-2	\$867.30
Wall mounted with integral vacuum breaker			

<b>GNF 30 - THREADED VALVE ASSEMBLY</b>			
	Material	Part#	Price
	PP	GNF30-1	\$546.60
	*PVDF	GNF30-2	\$650.30
Deck mounted			

<b>GNF 30VB - THREADED VALVE ASSEMBLY WITH VACUUM BREAKER</b>			
	Material	Part#	Price
	PP	GNF30VB-1	\$610.90
	*PVDF	GNF30VB-2	\$711.30
Deck mounted with Integral vacuum breaker			

<b>GNF 40 - THREADED VALVE ASSEMBLY</b>			
	Material	Part#	Price
	PP	GNF40-1	\$546.60
	*PVDF	GNF40-2	\$650.30
Wall Mounted			

<b>GNF 40VB - THREADED VALVE ASSEMBLY WITH VACUUM BREAKER</b>			
	Material	Part#	Price
	PP	GNF40VB-1	\$513.90
	*PVDF	GNF40VB-2	\$771.80
Wall Mounted with Intergral vacuum breaker			

<b>Recirculating Faucet</b>			
	Material	Part#	Price
	*PP	GNFRF-1	\$893.20
	*PVDF	GNFRF-2	\$982.50
Deck Mounted			

<b>Lab Faucet Repair Kits</b>			
<b><i>NEEDLE VALVE REPAIR KITS</i></b>			
PP			\$88.90
*PVDF			\$91.00
<b><i>VACUUM BREAKER REPAIR KITS</i></b>			
PP			\$109.20
*PVDF			\$115.30

**\*These faucets non-cancelable & non-returnable.**

Attention: Do not pressure test with compressed air or gas! Severe damage or bodily injury can result.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE, POSSESSION OF THIS PRICE LIST SHALL NOT BE CONSTRUED AS AN OFFER TO SELL TO THE BEARER.

## PVDF Threaded Process Piping Rionthread® System



All pipe is supplied in 10 foot lengths.  
Prices per 100 feet, plain end.  
Fittings supplied threaded. Rated to 150 psi.  
Non-cancelable, non-returnable.

PIPE		
Size	Part#	Price
<b>RED SCHEDULE 80</b>		
1/2"	0260506480	\$1680.00
3/4"	0260756480	\$2240.00
1"	0260106480	\$3170.00
1-1/2"	0260156480	\$4480.00
2"	0260206480	\$5390.00

COUPLING			
	Size	Part#	Price
	1/2"	62605001	\$19.10
	3/4"	62607501	\$21.30
	1"	62601001	\$29.50
	1-1/2"	62601501	\$38.60
	2"	62602001	\$63.80


ELBOW 45° - 1/8 bend			
	Size	Part#	Price
	1/2"	62605002	\$21.90
	3/4"	62607502	\$31.40
	1"	62601002	\$36.10
	1-1/2"	62601502	\$55.40
	2"	62602002	\$76.10


ELBOW 90° 1/4 bend			
	Size	Part#	Price
	1/2"	62605003	\$21.30
	3/4"	62607503	\$24.90
	1"	62601003	\$36.00
	1-1/2"	62601503	\$59.10
	2"	62602003	\$76.80


TEE - 90T			
	Size	Part#	Price
	1/2"	62605052	\$25.80
	3/4"	62607552	\$28.20
	1"	62601052	\$44.20
	1-1/2"	62601552	\$72.50
	2"	62602052	\$110.00

REDUCING TEE - R90T			
	Size	Part#	Price
	3/4" x 1/2"	626750553	\$32.90
	1" x 1/2"	626010553	\$51.40
	1" x 3/4"	626017553	\$52.50
	1-1/2" x 1"	626150153	\$89.10
	2" x 1-1/2"	626021553	\$136.30


Attention: Do not pressure test with compressed air or gas! Severe damage or bodily injury can result.  
PRICES SUBJECT TO CHANGE WITHOUT NOTICE, POSSESSION OF THIS PRICE LIST SHALL NOT BE CONSTRUED AS AN  
OFFER TO SELL TO THE BEARER.


<b>CAP</b>			
	Size	Part#	Price
	1/2"	62605021	\$17.30
	3/4"	62607521	\$19.90
	1"	62601021	\$24.80
	1-1/2"	62601521	\$37.80
	2"	62602021	\$52.10


<b>REDUCING BUSHING RB</b>			
	Size	Part#	Price
	3/4" x 1/2"	626750522	\$20.40
	1" x 1/2"	626010522	\$20.60
	1" x 3/4"	626017522	\$21.30
	1-1/2" x 1"	626150122	\$34.50
	2" x 1-1/2"	626021522	\$65.80


<b>UNION</b>			
	Size	Part#	Price
	1/2"	62605055	\$48.30
	3/4"	62607555	\$62.90
	1"	62601055	\$90.40
	1-1/2"	62601555	\$139.50
	2"	62602055	\$206.70

Viton

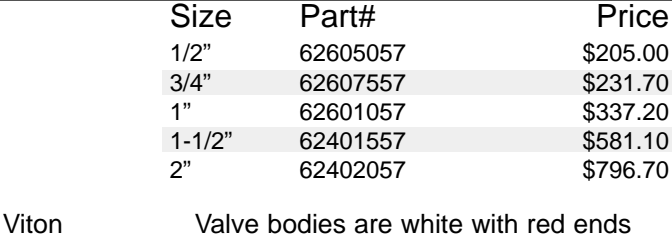
<b>REDUCING COUPLING RCLS</b>			
	Size	Part#	Price
	3/4" x 1/2"	626750551	\$18.90
	1" x 1/2"	626010551	\$25.10
	1" x 3/4"	626017551	\$25.10
	1-1/2" x 1"	626150151	\$43.10
	2" x 1/2"	626021551	\$61.90
	2" x 3/4"	626027551	\$61.90
	2" x 1"	626020151	\$61.90
	2" x 1-1/2"	626021551	\$61.90

<b>FLANGE</b>			
	Size	Part#	Price
	1/2"	62605035	\$36.70
	3/4"	62607535	\$45.70
	1"	62601035	\$69.90
	1-1/2"	62601535	\$90.90
	2"	62602035	\$146.60

<b>BACKING RING</b>			
	Size	Part#	Price
	1/2"	04005036	\$32.70
	3/4"	04007536	\$39.00
	1"	04001036	\$45.60
	1-1/2"	04001536	\$70.80
	2"	04002036	\$78.30

<b>BALL CHECK VALVE</b>			
	Size	Part#	Price
	1/2"	62605058	\$173.60
	3/4"	62607558	\$200.90
	1"	62601058	\$286.50
	1-1/2"	62401558	\$454.70
	2"	62402058	\$665.70

Viton

<b>TRUE UNION BALL VALVE</b>			
	Size	Part#	Price
	1/2"	62605057	\$205.00
	3/4"	62607557	\$231.70
	1"	62601057	\$337.20
	1-1/2"	62401557	\$581.10
	2"	62402057	\$796.70
	Valve bodies are white with red ends		

Viton

Attention: Do not pressure test with compressed air or gas! Severe damage or bodily injury can result.  
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 OFFER TO SELL TO THE BEARER.



# PVDF Process Piping Socket Fusion Systems

Material - Red PVDF, 200 psi rating.  
 All pipe is supplied in 10 foot lengths.  
 Prices per 100 feet.  
 Non-cancelable, non-returnable.

PIPE		
Size	Part#	Price
<b>200 PSI</b>		
1/2"	02605064200	\$1600.00
3/4"	02607564200	\$2130.00
1"	02601064200	\$3020.00
1-1/2"	02601564200	\$4260.00
2"	02602064200	\$5330.00

COUPLING - CLS			
	Size	Part#	Price
	1/2"	32605001	\$11.80
	3/4"	32607501	\$13.60
	1"	32601001	\$20.80
	1-1/2"	32601501	\$30.70
	2"	32602001	\$47.00

ELBOW 45° 1/8 bend			
	Size	Part#	Price
	1/2"	32605002	\$14.50
	3/4"	32607502	\$21.40
	1"	32601002	\$32.70
	1-1/2"	32601502	\$47.00
	2"	32602002	\$72.80

ELBOW 90° - 1/4 bend			
	Size	Part#	Price
	1/2"	32605003	\$12.70
	3/4"	32607503	\$16.90
	1"	32601003	\$32.70
	1-1/2"	32601503	\$58.00
	2"	32602003	\$76.00


TEE - 90T			
	Size	Part#	Price
	1/2"	32605052	\$25.10
	3/4"	32607552	\$26.80
	1"	32601052	\$42.10
	1-1/2"	32601552	\$68.80
	2"	32602052	\$109.60


REDUCING TEE - R90T			
	Size	Part#	Price
	3/4" x 1/2"	326750553	\$29.00
	1" x 1/2"	326010553	\$43.50
	1" x 3/4"	326017553	\$43.50
	1-1/2" x 1"	326150153	\$80.40
	2" x 1-1/2"	326021553	\$124.00


MALE ADAPTER MA			
	Size	Part#	Price
	1/2"	32605017	\$25.30
	3/4"	32607517	\$31.70
	1"	32601017	\$36.20
	1-1/2"	32601517	\$38.60
	2"	32602017	\$58.00


FEMALE ADAPTER FA			
	Size	Part#	Price
	1/2"	32605018	\$25.30
	3/4"	32607518	\$31.70
	1"	32601018	\$36.20
	1-1/2"	32601518	\$38.60
	2"	32602018	\$58.00

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<b>CAP</b>			
	Size	Part#	Price
	1/2"	32605021	\$12.70
	3/4"	32607521	\$16.30
	1"	32601021	\$19.90
	1-1/2"	32601521	\$34.40
	2"	32602021	\$47.00


<b>REDUCING BUSHING RB</b>			
	Size	Part#	Price
	3/4" x 1/2"	326750522	\$12.70
	1" x 1/2"	326010522	\$18.20
	1" x 3/4"	326017522	\$18.20
	1-1/2" x 1"	326150122	\$34.40
	2" x 1-1/2"	326021522	\$48.90


<b>REDUCING COUPLING RCLS</b>			
	Size	Part#	Price
	3/4" x 1/2"	326750551	\$16.30
	1" x 1/2"	326010551	\$19.10
	1" x 3/4"	326017551	\$19.10
	1-1/2" x 1"	326150151	\$37.10
	2" x 1-1/2"	326021551	\$52.30

<b>UNION</b>			
	Size	Part#	Price
	1/2"	32605055	\$63.00
	3/4"	32607555	\$66.10
	1"	32601055	\$95.00
	1-1/2"	32601555	\$146.50
	2"	32602055	\$217.00


Red body with white nut  
150 psi Viton

<b>FLANGE - FLG</b>			
	Size	Part#	Price
	1/2"	32605035	\$36.60
	3/4"	32607535	\$45.70
	1"	32601035	\$61.00
	1-1/2"	32601535	\$84.10
	2"	32602035	\$144.20


<b>BACKING RING</b>			
	Size	Part#	Price
	1/2"	04005036	\$32.70
	3/4"	04007536	\$39.00
	1"	04001036	\$45.60
	1-1/2"	04001536	\$70.80
	2"	04002036	\$78.30

<b>TRUE UNION BALL VALVE</b>			
	Size	Part#	Price
	1/2"	32605057	\$205.00
	3/4"	32607557	\$231.70
	1"	32601057	\$337.20
	1-1/2"	32601557	\$581.10
	2"	32602057	\$796.70

150 psi  
Natural color body with red socket ends  
Viton FIP Threads Available-order separately

<b>BALL CHECK VALVE</b>			
	Size	Part#	Price
	1/2"	32605058	\$173.60
	3/4"	32607558	\$200.90
	1"	32601058	\$286.50
	1-1/2"	32601558	\$454.70
	2"	32602058	\$665.70

Natural color body with red socket ends  
150 psi Viton

<b>DIAPHRAGM VALVE</b>			
	Size	Part#	Price
	1/2"	32605056	\$581.30
	3/4"	32607556	\$630.90
	1"	32601056	\$682.50
	1-1/2"	32601556	\$1170.50
	2"	32602056	\$1440.00

Natural color body with red socket ends  
150 psi TFE diaphragm

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## SLIP FIT / SOCKET FUSION TOOLS INDIVIDUAL ITEMS

### TOOLS

Includes Heater tool, tool box and table clamp - does not include head sets  
See below for head set pricing.

HT 2 (up to 2" sizes)	\$1,069.20 Ea.
HT 4 (up to 4" sizes)	\$1,434.40 Ea.
HT 6 (up to 6" sizes)	\$4,147.00 Ea.
Back Welder	\$1,963.50 Ea.

### HEAD SETS

	1/2"	3/4"	1"	1-1/2"	2"	3"	4"	6"
Teflon Coated	\$198.80	\$208.90	\$226.60	\$302.10	\$368.70	\$543.60	\$588.90	\$1278.50
Part #	HS005	HS075	HS010	HS015	HS020	HS030	HS040	HS060

### TOOL KITS

#### **HTK2 (COMPLETE KIT)**

Teflon Coated \$2,843.50 Ea.  
includes 1/2" thru 2" head sets

#### **HTK4 (COMPLETE KIT)**

Teflon Coated \$3,083.30 Ea.  
Includes 3" & 4" head sets

#### **BACK WELDING KIT**

\$2,264.90 Ea.

Includes: Backwelding Gun, Speed Tip, Standard Tip, Heavy Duty Tool Box, Complete Book on Plastic Welding

#### **TOOL ACCESSORIES**

Pair Tempil Sticks	TSK	\$62.70 Ea.
Welding Rod		
PP		\$34.90/lb.
PVDF		\$64.80/lb.

All Socket Fusion Kits include: headsets as listed above, cleaning towels, (2) two marking pencils, (1) one pair tempil sticks 488° - 525°, (1) one pair gloves, (6) six sets of sample welding parts, (1) one tool box

## RIONTITE TOOLS

#### **GROOVING TOOLS:**

1/2"	RTGT050	\$181.20 Ea.
3/4"	RTGT075	\$181.20 Ea.
1"	RTGT010	\$181.20 Ea.
1-1/2"	RTGT015	\$219.00 Ea.
2"	RTGT020	\$219.00 Ea.
Set of 5 Tools	RTGTSet	\$981.60 Set

#### **FACING TOOLS**

FT-1 Faces 1/2", 3/4", 1"	\$279.40
FT-2 Faces 1-1/2", 2"	\$279.40

\* Non-Cancelable, Non-Returnable

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**FREIGHT CONDITIONS:**

All orders are shipped F.O.B. Kansas City, Kansas. Once the material leaves our dock it becomes the property and responsibility of the consignee. If freight is lost, or damaged, all freight claims must be filed by the consignee. When shipping to a job site, freight will be third party billed.

**FULL FREIGHT ALLOWANCE:**

To meet the full freight allowance, orders must be for immediate complete shipment to one location within the contiguous United States. Shipments to Alaska, Puerto Rico, Hawaii or for export are not freight allowed. For shipments to Alaska, Hawaii, Puerto Rico or for export, the freight allowances shown below, for qualified items, are good only for shipment to East Coast, Gulf Coast or West Coast Ports only

**ORION MATERIAL:****1. Single Wall PP Products:**

**\$6000** net on single wall pipe and fitting products excluding Sinks, Tanks, Chemical Treatment Systems, 8", 10", 12" Pipe & Fittings and PVDF Products for which there is no freight allowance.

**2. Double Containment Products:**

**\$30,000** net for double wall products, with no freight allowance on prefabricated pipe spools pieces, or rental machines.

**3. PolyStar & Fluorostar Single-Wall Products:**

**\$7500** net for pipe and pipe + fittings order combinations

**\$2500** net for fitting-only orders

**\$1500** net for valves

**PAYMENT TERMS:**

A 2% cash discount is allowed if payment of invoice is mailed, or delivered, to Orion within 10 days of invoice date. All invoices are due net 30 days, with all Past Due accounts subject to a service charge of 1.5% per month. Minimum billing or credit is for \$50.00 net for Orion Products. Any order under minimum will carry a surcharge to meet minimum.

**ORDER ACCEPTANCE:**

No catalog, price list, literature or other material describing our products is to be construed as an offer to sell same. Orders are subject to acceptance by us at our facilities in Kansas City, Kansas. Your order, when shipped by us, shall be the complete contract between us, subject to, and incorporating therein, the terms and conditions, herein set forth, and any provisions contained in your order that are inconsistent with our terms and conditions shall be inapplicable and invalid. Prices and discounts contained in any of our catalogs, price lists or other literature are subject to change without notice.

**WARRANTY:**

Our products are carefully inspected for manufacturing defects. However, it is not always possible to detect hidden defects. Our products are warranted only to the extent that we will replace them without charge if they are proved to have manufacturing defects within one year of the date of delivery to the site where they are to be used, or installed, and provided we have been given an opportunity to inspect any product alleged to be defective and the installation or use thereof. **NO WARRANTY IS INCLUDED AGAINST ANY EXPENSE FOR REMOVAL, REINSTALLATION OR OTHER CONSEQUENTIAL DAMAGES ARISING FROM ANY DEFECT. THE WARRANTIES SET OUT ABOVE ARE THE ONLY WARRANTIES MADE AND ARE EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

**SHIPPING DATES – DELAYS – SHORTAGE CLAIMS:**

Promises of shipping dates are estimates, and therefore cannot be guaranteed. Orion Enterprises, Inc. will not be liable for any delay in a delivery. Any claims for shipping errors, shortages or defects must be made to Orion within 24 hours of receipt of the goods. Buyer shall be required to make timely payment to seller of any amount which is undisputed, or not subject to such claims.

**TAXES:**

Any sales or manufacturers' taxes existing, or under future statutes, are to be paid by the buyer.

**OTHER:**

All pipe cuts on sizes of 8" and smaller will carry a \$5.00 per-cut charge. 10" and larger pipe will have a \$10.00 per cut charge

**RETURNED GOODS POLICY:**

1. Permission to return goods must be requested in written form via email, fax or mail. The request must identify original shipment of material by invoice number and date of invoice, and list all goods to be returned.
2. All pipe, any non-standard items, special order items, sinks, tanks, "Standard Line" products, all PVDF product, expansion joints, 8"-10"-12" fittings, electrofusion equipment, socket fusion tools, accessories and specially manufactured items are sold non-cancelable and non-returnable. No credit will be issued upon their return.
3. All pipe and those fittings so marked (\*) on price sheets are non-returnable and no credit will be issued upon their return.
4. Goods must be returned within one year after purchase in order to receive credit.
5. Only 10% of any invoice total (not including the pricing for pipe) can be returned for credit.
6. All goods must be returned "prepaid." For any goods purchased on an FFA basis, outgoing freight charges will be deducted from total credit amount.
7. All goods returned must be in a pristine and resalable condition. All returns are subject to our inspection. Any product that is determined, in our sole judgment, to be not in a resalable condition will be either disposed of by Orion, or returned freight collect to the purchaser. In either event no credit will be given..
8. A restocking charge of 25% will be charged against all returned goods, except Whiteline materials, for which the charge will be 35%. If goods are returned in a non-pristine condition and need special cleaning to allow them to be resold a 40% restock will apply to the entire returned shipment.

\* Non-Cancelable, Non-Returnable

Attention: All goods purchased with our prices are subject to change without notice. POSSESSION OF THIS PRICE LIST SHALL NOT BE CONSTRUED AS AN OFFER TO SELL. THE CHANGE WITH OUT NOTICE MAY BE APPLIED TO CURRENT ACCOUNT BALANCES, OR TO FUTURE PURCHASES. NO CASH REFUNDS WILL BE ISSUED.

## Represented By:



### **Orion Enterprises**

*a division of Watts Water Technologies*

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Kansas City, Kansas 66115

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