

**CAT 1**

**24**

# SEALFAST CRIMPERS

TYPE C

TYPE E

COMBO NIPPLES

SLEEVES

FERRULES

CRIMP PROCESS

CRIMP MACHINES



**SJ SEALFAST**  
THE SIMPLE SOLUTION



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TERMS OF SALE

DISCLAIMERS

TERMS:

1/2% 10 Days, net 30 Days

FREIGHT:

All shipments are made FOB Seal Fast Inc. or Point of Manufacturer. (Applies to shipments from Houston Warehouse Only) Freight prepaid on 1000 net couplings and accessories, \$1500 Net Couplings, PVC Tubing, Braided Tubing and Fire Hose. Freight prepaid on \$3000 Net Couplings, Rubber Hose, PVC Hose and Sheet Rubber with the exclusion of all PVC Suction including 6" and 8" PVC Suction ONLY orders. If combined with other items freight is prepaid at \$3000 Net, otherwise these items will Not be applied toward prepaid freight. **Effective immediately, regardless of invoice value, all uncoupled cut lengths of hoses are shipped FOB Seal Fast Inc.** Seal Fast Inc. reserves the right to determine the most Economical shipping method on all prepaid shipments. **In addition, Seal Fast Inc. reserves the right to refuse any prepaid shipments exceeding 6% freight cost of the order unless items are added or subtracted to keep said freight cost at or below 6%.** Applies to Continental United States, excluding Alaska and Hawaii. **Any evidence of shortage must be reported to Seal Fast Inc. within 10 days. Any Damage to hose/hoses, etc. customer is responsible for filing a claim with the delivery carrier within 10 days. Seal Fast Inc. will not issue credit.**

ALL UPS prepay and add or collect shipments will endure a **\$7.50** shipping and handling fee including All backorders. All drop shipments will endure a \$5.00 fee.

WARRANTY:

Products are warranted against defects in workmanship and defects in material. Products having such defects will be replaced or credited as Seal Fast elects. Liability is limited to the invoice value of the defective item. Our responsibility shall not exceed the original purchase price of the defective product. In any event, Seal Fast, Inc. shall not be held responsible for any special or consequential damages.

RETURNED GOODS:

If for any reason you wish to return goods, please contact Seal Fast Inc. for prior authorization number. Goods must be returned within 30 days and must be in new and resaleable condition. Minimum handling charge is 15%.

**All discrepancies in shipment / invoice must be reported within 10 days of receipt of goods.**

PROMPTPAYMENT:

Orders receive preferred treatment when the account is paid promptly. Orders may be held up if any unpaid invoice exceeds 30 days.

MINIMUM INVOICE:

All invoices are subject to a minimum billing charge of 50.00 net. Returned checks are subject to a \$25.00 service charge.

GENERAL:

Orders will be accepted subject to delays caused by accident, strike, fire or other causes beyond the control of the seller including failure of seller's suppliers to deliver. Prices, discounts and other specifications are subject to change without notice. All prices are subject to any applicable taxes imposed. The possessions of this price schedule is not to be construed as an offer to sell at the prices shown. Special price for volume quotes will be accepted in writing only.

PLEASE NOTE:

Extra care is taken in the preparation of this literature but Seal Fast, Inc. is not responsible for any inadvertent typographical errors or omissions.

STOCKING WAREHOUSES

SEAL FAST, INC.

5603 Harvey Wilson Dr.

Houston, TX 77020

(713) 675-6324 or 800-231-0734

| FAX (713) 675-0146 or 800-681-1515

| E-mail sales@sealfast.com

PORTER ASSOCIATES

1150 Boot Road

Unit 1

Downingtown, PA 19335

(610) 518-2301

ASPEN MARKETING, INC

5160 Fox Street

Denver, CO 80216

(303) 455-8175

(303) 477-6504 Fax

THE WAGNER GROUP

125 State St.

P O Box 1683

Elkhart, IN 46516

(574) 294-2769

(574) 522-2083 Fax

DISCLAIMERS

Product Images

- Seal Fast makes every reasonable effort to show accurate product representation, however pictures are for reference only, and do not necessarily reflect the exact product you will receive.
- Seal Fast reserves the right to alter product appearance without notice. Some product features shown in pictures may no longer be available.

Product Specifications

- Seal Fast is continuously working to provide the best quality for the best price.
- We reserve the right to alter product specifications without notice.

Product Usage

- Our Sales Team will do their best to assist in choosing the best product for a particular application. However, it is ultimately the customer's responsibility to determine the correct product for the correct application.
- Seal Fast will not be held liable for the abuse or misuse of our products in a manner in which they are not designed.
- Seal Fast cannot guarantee the integrity of an assembly if other manufacturers parts are used.

Product Availability

- Seal Fast reserves the right to discontinue products at any time without prior notice.

Product Pricing

- Seal Fast is constantly doing our best to maintain pricing levels. However, circumstances change and while many prices go down, others will increase.
- Please contact your sales associate for current pricing.



# CAM LOCK

# COMBO NIPPLES



## FEMALE COUPLER X SHANK

\*Aluminum & Brass have Machined Shanks



Size	WORKING PSI	ALUMINUM		BRASS		316 SS		PLATED IRON	
		* Part #	List	* Part #	List	* Part #	List	* Part #	List
1"	150	C 100ALC		C 100BRC		C 100SSC		---	
1-1/2"	150	C 150ALC		C 150BRC		C 150SSC		---	
2"	150	C 200ALC		C 200BRC		C 200SSC		---	
2-1/2"	150	C 250ALC		C 250BRC		C 250SSC		---	
3"	150	C 300ALC		C 300BRC		C 300SSC		C 300CIC	
4"	150	C 400ALC		C 400BRC		C 400SSC		C 400CIC	
6"	75	C 600ALC		C 600BRC		C 600SSC		---	

## MALE ADAPTER X SHANK



Size	WORKING PSI	ALUMINUM		BRASS		316 SS		PLATED IRON	
		* Part #	List	* Part #	List	* Part #	List	* Part #	List
1"	150	E 100ALC		E 100BRC		E 100SSC		---	
1-1/2"	150	E 150ALC		E 150BRC		E 150SSC		---	
2"	150	E 200ALC		E 200BRC		E 200SSC		---	
2-1/2"	150	E 250ALC		E 250BRC		E 250SSC		---	
3"	150	E 300ALC		E 300BRC		E 300SSC		E 300CIC	
4"	150	E 400ALC		E 400BRC		E 400SSC		E 400CIC	
6"	75	E 600ALC		E 600BRC		E 600SSC		---	

\* WARNING: Working Pressures may vary depending on how the couplings are attached to the hose assembly. Before operation, always check the hose assembly for proper attachment and that couplings are in working order.

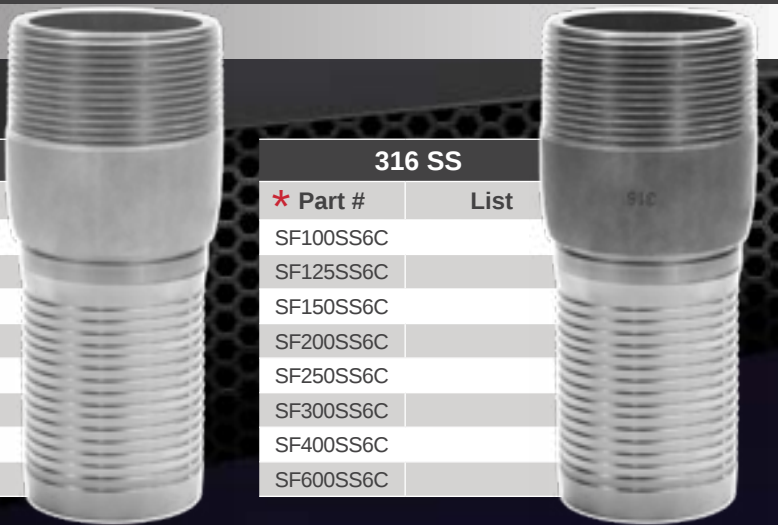
### General Uses:

Working pressures may vary with hose type and clamping system used to install couplings. Combination Nipples are recommended for low pressure discharge and suction service for compatible liquids. NOT for compressible products such as Air, Nitrogen and Steam. \*All blank end & grooved combination nipples are made using Schedule 40 pipe. Seal Fast Crimp Combination Nipples are to be used with the Seal Fast Ferrules and Crimps Sleeves on pages 36-39 of this catalog. They are designed with an Interlock System which allows the Ferrule to be permanently attached to the coupling.

WORKING PRESSURE 200 PSI

## NPT THREADED

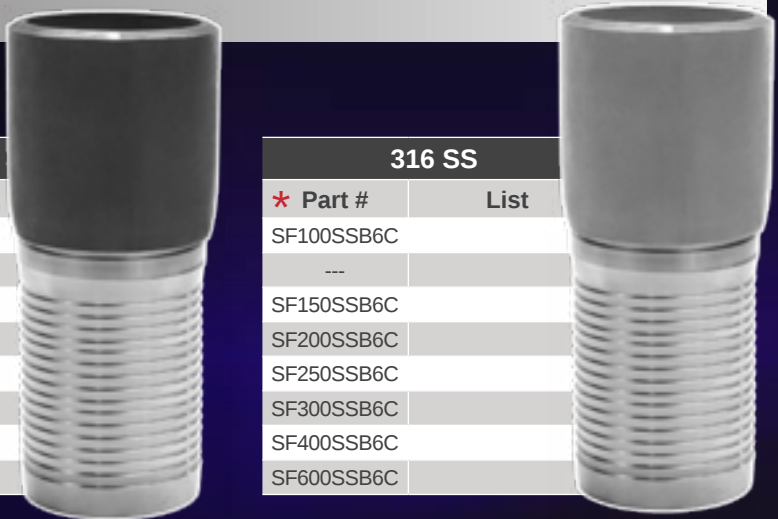
Size	WORKING PSI	ZINC PLATED STEEL	
		* Part #	List
1"	200	SF100SPC	
1-1/4"	200	SF125SPC	
1-1/2"	200	SF150SPC	
2"	200	SF200SPC	
2-1/2"	200	SF250SPC	
3"	200	SF300SPC	
4"	200	SF400SPC	
6"	200	SF600SPC	



316 SS	
* Part #	List
SF100SS6C	
SF125SS6C	
SF150SS6C	
SF200SS6C	
SF250SS6C	
SF300SS6C	
SF400SS6C	
SF600SS6C	

## WELD BEVEL

Size	WORKING PSI	STEEL	
		* Part #	List
1"	200	SF100SBC	
1-1/4"	200	SF125SBC	
1-1/2"	200	SF150SBC	
2"	200	SF200SBC	
2-1/2"	200	SF250SBC	
3"	200	SF300SBC	
4"	200	SF400SBC	
6"	200	SF600SBC	



316 SS	
* Part #	List
SF100SSB6C	
---	
SF150SSB6C	
SF200SSB6C	
SF250SSB6C	
SF300SSB6C	
SF400SSB6C	
SF600SSB6C	

## GROOVED

Size	WORKING PSI	STEEL	
		* Part #	List
1"	200	SF100SGC	
1-1/2"	200	SF150SGC	
2"	200	SF200SGC	
3"	200	SF300SGC	
4"	200	SF400SGC	
6"	200	SF600SGC	



316 SS	
* Part #	List
SF100SSG6C	
SF150SSG6C	
SF200SSG6C	
SF300SSG6C	
SF400SSG6C	
SF600SSG6C	

\* WARNING: Working Pressures may vary depending on how the couplings are attached to the hose assembly. Before operation, always check the hose assembly for proper attachment and that couplings are in working order.

### General Uses:

Working pressures may vary with hose type and clamping system used to install couplings. Combination Nipples are recommended for low pressure discharge and suction service for compatible liquids. NOT for compressible products such as Air, Nitrogen and Steam. \*All blank end & grooved combination nipples are made using Schedule 40 pipe. Seal Fast Crimp Combination Nipples are to be used with the Seal Fast Ferrules and Crimps Sleeves on pages 36-39 of this catalog. They are designed with an Interlock System which allows the Ferrule to be permanently attached to the coupling.

WORKING PRESSURE 200 PSI





Hose Size				Zinc Plated Steel		304 SS		Aluminum	
	Wall Thickness	Length	Sleeve I.D.	Part #	List	Part #	List	Part #	List
1/2"									
	0.049"	1.30"	44/64"	---		S050-044SS		---	
	0.049"	1.30"	52/64"	---		S050-052SS		---	
	0.049"	1.30"	56/64"	S050-056PS		S050-056SS		---	
	0.049"	1.30"	60/64"	S050-060PS		S050-060SS		---	
	0.049"	1.30"	1"	---		S050-100SS		---	
3/4"									
	0.049"	1.60"	1-4/64"	S075-104PS		S075-104SS		---	
	0.049"	1.60"	1-8/64"	S075-108PS		S075-108SS		---	
	0.049"	1.60"	1-12/64"	S075-112PS		S075-112SS		S075-112A	
	0.049"	1.60"	1-16/64"	S075-116PS		S075-116SS		S075-116A	
	0.049"	1.60"	1-20/64"	S075-120PS		S075-120SS		S075-120A	
1"									
	0.049"	2.10"	1-20/64"	S100-120PS		S100-120SS		---	
	0.049"	2.10"	1-24/64"	S100-124PS		S100-124SS		---	
	0.049"	2.10"	1-28/64"	S100-128PS		S100-128SS		---	
	0.049"	2.10"	1-32/64"	S100-132PS		S100-132SS		---	
	0.049"	2.10"	1-36/64"	S100-136PS		S100-136SS		S100-136A	
	0.049"	2.10"	1-40/64"	S100-140PS		S100-140SS		S100-140A	
	0.049"	2.10"	1-44/64"	S100-144PS		S100-144SS		S100-144A	
1-1/4"									
	0.049"	2.10"	1-48/64"	---		S125-148SS		---	
	0.049"	2.10"	1-52/64"	S125-152PS		S125-152SS		---	
	0.049"	2.10"	1-56/64"	S125-156PS		S125-156SS		---	
	0.065"	2.10"	1-60/64"	S125-160PS		S125-160SS		---	
1-1/2"									
	0.065"	2.10"	2"	S150-200PS		S150-200SS		S150-200A	
	0.065"	2.10"	2-4/64"	S150-204PS		S150-204SS		S150-204A	
	0.065"	2.10"	2-8/64"	S150-208PS		S150-208SS		S150-208A	
	0.065"	2.10"	2-12/64"	S150-212PS		S150-212SS		S150-212A	
	0.065"	2.10"	2-16/64"	S150-216PS		S150-216SS		S150-216A	
	0.065"	2.10"	2-20/64"	S150-220PS		S150-220SS		S150-220A	
2"									
	0.065"	3.10"	2-16/64"	S200-216PS		S200-216SS		---	
	0.065"	3.10"	2-20/64"	S200-220PS		S200-220SS		---	
	0.065"	3.10"	2-24/64"	S200-224PS		S200-224SS		---	
	0.065"	3.10"	2-28/64"	S200-228PS		S200-228SS		S200-228A	
	0.065"	3.10"	2-32/64"	S200-232PS		S200-232SS		S200-232A	
	0.065"	3.10"	2-36/64"	S200-236PS		S200-236SS		S200-236A	
	0.065"	3.10"	2-40/64"	S200-240PS		S200-240SS		S200-240A	
	0.065"	3.10"	2-44/64"	S200-244PS		S200-244SS		S200-244A	
	0.065"	3.10"	2-48/64"	S200-248PS		S200-248SS		S200-248A	
	0.065"	3.10"	2-52/64"	S200-252PS		S200-252SS		S200-252A	
	0.065"	3.10"	2-56/64"	S200-256PS		S200-256SS		S200-256A	
	0.065"	3.10"	2-60/64"	S200-260PS		S200-260SS		---	
2-1/2"									
	0.065"	3.10"	3"	S250-300PS		S250-300SS		S250-300A	
	0.065"	3.10"	3-4/64"	S250-304PS		S250-304SS		S250-304A	
	0.065"	3.10"	3-8/64"	S250-308PS		S250-308SS		S250-308A	
	0.065"	3.10"	3-12/64"	S250-312PS		S250-312SS		---	
	0.065"	3.10"	3-16/64"	S250-316PS		S250-316SS		S250-316A	
	0.065"	3.10"	3-20/64"	---		S250-320SS		---	
	0.065"	3.10"	3-24/64"	---		S250-324SS		---	

Hose Size				Zinc Plated Steel		304 SS		Aluminum	
	Wall Thickness	Length	Sleeve I.D.	Part #	List	Part #	List	Part #	List
3"									
	0.083"	3.50"	3-20/64"	S300-320PS		S300-320SS		S300-320A	
	0.083"	3.50"	3-24/64"	S300-324PS		S300-324SS		---	
	0.083"	3.50"	3-28/64"	S300-328PS		S300-328SS		---	
	0.083"	3.50"	3-32/64"	S300-332PS		S300-332SS		S300-332A	
	0.083"	3.50"	3-36/64"	S300-336PS		S300-336SS		S300-336A	
	0.083"	3.50"	3-40/64"	S300-340PS		S300-340SS		S300-340A	
	0.083"	3.50"	3-44/64"	S300-344PS		S300-344SS		S300-344A	
	0.083"	3.50"	3-48/64"	S300-348PS		S300-348SS		S300-348A	
	0.083"	3.50"	3-52/64"	S300-352PS		S300-352SS		S300-352A	
	0.083"	3.50"	3-56/64"	S300-356PS		S300-356SS		S300-356A	
	0.083"	3.50"	3-60/64"	S300-360PS		S300-360SS		S300-360A	
	0.083"	3.50"	4"	S300-400PS		S300-400SS		S300-400A	
	0.083"	3.50"	4-4/64"	S300-404PS		S300-404SS		---	
	0.083"	3.50"	4-8/64"	S300-408PS		S300-408SS		S300-408A	
	0.083"	3.50"	4-12/64"	---		S300-412SS		---	
4"									
	0.120"	4.50"	4-20/64	S400-420PS		S400-420SS		S400-420A	
	0.120"	4.50"	4-24/64	S400-424PS		S400-424SS		S400-424A	
	0.120"	4.50"	4-28/64	S400-428PS		S400-428SS		S400-428A	
	0.120"	4.50"	4-32/64	S400-432PS		S400-432SS		S400-432A	
	0.120"	4.50"	4-36/64	S400-436PS		S400-436SS		S400-436A	
	0.120"	4.50"	4-40/64	S400-440PS		S400-440SS		S400-440A	
	0.120"	4.50"	4-44/64	S400-444PS		S400-444SS		---	
	0.120"	4.50"	4-48/64	S400-448PS		S400-448SS		S400-448A	
	0.120"	4.50"	4-52/64	S400-452PS		S400-452SS		S400-452A	
	0.120"	4.50"	4-56/64	S400-456PS		S400-456SS		S400-456A	
	0.120"	4.50"	4-60/64	S400-460PS		S400-460SS		S400-460A	
	0.120"	4.50"	5	S400-500PS		S400-500SS		S400-500A	
	0.120"	4.50"	5-4/64	S400-504PS		S400-504SS		---	
	0.120"	4.50"	5-8/64	S400-508PS		S400-508SS		S400-508A	
	0.120"	4.50"	5-12/64	---		S400-512SS		---	
6"									
	0.125"	6.10"	6-20/64	S600-616PS		---		---	
	0.125"	6.10"	6-20/64	S600-620PS		---		---	
	0.125"	6.10"	6-24/64	S600-624PS		---		---	
	0.125"	6.10"	6-32/64	S600-632PS		S600-632SS		---	
	0.125"	6.10"	6-36/64	S600-636PS		---		---	
	0.125"	6.10"	6-40/64	S600-640PS		---		---	
	0.125"	6.10"	6-20/64	S600-648PS		---		---	
	0.125"	6.10"	6-56/64	S600-656PS		S600-656SS		---	
	0.125"	6.10"	6-60/64	S600-660PS		S600-660SS		---	
	0.125"	6.10"	6-20/64	S600-700PS		---		---	
	0.125"	6.10"	6-21/64	S600-708PS		---		---	
	0.125"	6.10"	6-22/64	S600-716PS		---		---	
	0.125"	6.10"	6-23/64	S600-724PS		---		---	
8"									
	0.12"	8.10"	8-32/64	S800-816PS		---		---	
	0.12"	8.10"	8-32/64	S800-832PS		---		---	
	0.12"	8.10"	8-40/64	S800-840PS		---		---	
	0.12"	8.10"	8-48/64	S800-848PS		---		---	
	0.12"	9"	8-32/64	S800-900PS		---		---	
	0.12"	8.10"	9-8/64	S800-908PS		---		---	
	0.12"	8.10"	8-16/64	S800-916PS		---		---	
	0.12"	8.10"	9-32/64	S800-932PS		---		---	
	0.12"	8.10"	9-40/64	S800-940PS		---		---	
	0.12"	8.10"	8-32/64	S800-948PS		---		---	



Hose Size				Zinc Plated Steel		304 SS	
	Wall Thickness	Ferrule Length	Ferrule I.D.	Part #	List	Part #	List
1/2"							
	0.049"	---	56/64	F050-056PS		F050-056SS	
	0.049"	---	60/64	---		F050-060SS	
	0.049"	---	1	---		F050-100SS	
	0.049"	---	1-4/64	---		F050-104SS	
3/4"							
	0.049"	---	1-4/64	F075-104PS		F075-104SS	
	0.049"	---	1-8/64	F075-108PS		F075-108SS	
	0.049"	---	1-12/64	F075-112PS		F075-112SS	
	0.049"	---	1-16/64	F075-116PS		F075-116SS	
	0.049"	---	1-20/64	F075-120PS		F075-120SS	
	0.049"	---	1-24/64	---		F075-124SS	
1"							
	0.049"	---	1-28/64	F100-128PS		F100-128SS	
	0.049"	---	1-32/64	F100-132PS		F100-132SS	
	0.049"	---	1-36/64	F100-136PS		F100-136SS	
	0.049"	---	1-40/64	F100-140PS		F100-140SS	
	0.049"	---	1-44/64	F100-144PS		F100-144SS	
	0.049"	---	1-48/64	F100-148PS		F100-148SS	
	0.049"	---	1-52/64	F100-152PS		F100-152SS	
	0.065"	---	1-56/64	---		F100-156SS	
1-1/4"							
	0.049"	---	1-36/64	---		F125-136SS	
	0.049"	---	1-40/64	---		F125-140SS	
	0.049"	---	1-44/64	---		F125-144SS	
	0.065"	---	1-48/64	---		F125-148SS	
	0.065"	---	1-52/64	F125-152PS		F125-152SS	
	0.065"	---	1-56/64	F125-156PS		F125-156SS	
	0.065"	---	1-60/64	F125-160PS		F125-160SS	
	0.065"	---	2	---		F125-200SS	
1-1/2"							
	0.065"	---	1-56/64	F150-156PS		F150-156SS	
	0.065"	---	1-60/64	F150-160PS		F150-160SS	
	0.065"	---	2	F150-200PS		F150-200SS	
	0.065"	---	2-4/64	F150-204PS		F150-204SS	
	0.065"	---	2-8/64	F150-208PS		F150-208SS	
	0.065"	---	2-12/64	F150-212PS		F150-212SS	
	0.065"	---	2-16/64	F150-216PS		F150-216SS	
	0.065"	---	2-20/64	F150-220PS		F150-220SS	
	0.065"	---	2-24/64	F150-224PS		F150-224SS	
	0.065"	---	2-28/64	F150-228PS		F150-228SS	

• USE WITH COUPLINGS ON PAGES 34-35

Hose Size				Zinc Plated Steel		304 SS	
	Wall Thickness	Ferrule Length	Ferrule I.D.	Part #	List	Part #	List
	0.065"	---	2-24/64	F200-224PS		---	
	0.065"	---	2-28/64	F200-228PS		F200-228SS	
	0.065"	---	2-32/64	F200-232PS		F200-232SS	
	0.065"	---	2-36/64	F200-236PS		F200-236SS	
	0.065"	---	2-40/64	F200-240PS		F200-240SS	
	0.065"	---	2-44/64	F200-244PS		F200-244SS	
	0.065"	---	2-48/64	F200-248PS		F200-248SS	
	0.065"	---	2-52/64	F200-252PS		F200-252SS	
	0.065"	---	2-56/64	F200-256PS		F200-256SS	
	0.065"	---	2-60/64	F200-260PS		F200-260SS	
	0.065"	---	3	F200-300PS		F200-300SS	
	0.065"	---	3-4/64	---		F200-304SS	
	0.065"	---	3-8/64	---		F200-308SS	
2-1/2"							
	0.083"	---	2-56/64	F250-256PS		F250-256SS	
	0.083"	---	2-60/64	---		F250-260SS	
	0.083"	---	3	F250-300PS		F250-300SS	
	0.083"	---	3-4/64	F250-304PS		F250-304SS	
	0.083"	---	3-8/64	F250-308PS		F250-308SS	
	0.083"	---	3-12/64	F250-312PS		F250-312SS	
	0.083"	---	3-16/64	F250-316PS		F250-316SS	
	0.083"	---	3-20/64	F250-320PS		F250-320SS	
	0.083"	---	3-24/64	---		F250-324SS	
	0.083"	---	3-32/64	---		F250-332SS	
	0.083"	---	3-36/64	F250-336PS		F250-336SS	
	0.083"	---	3-48/64	F250-348PS		F250-348SS	
3"							
	0.083"	---	3-32/64	F300-332PS		F300-332SS	
	0.083"	---	3-36/64	F300-336PS		F300-336SS	
	0.083"	---	3-40/64	F300-340PS		F300-340SS	
	0.083"	---	3-44/64	F300-344PS		F300-344SS	
	0.083"	---	3-48/64	F300-348PS		F300-348SS	
	0.083"	---	3-52/64	F300-352PS		F300-352SS	
	0.083"	---	3-56/64	F300-356PS		F300-356SS	
	0.083"	---	3-60/64	F300-360PS		F300-360SS	
	0.083"	---	4	F300-400PS		F300-400SS	
	0.083"	---	4-4/64	---		F300-404SS	
	0.083"	---	4-8/64	F300-408PS		F300-408SS	
4"							
	0.120"	---	4-24/64	F400-424PS		F400-424SS	
	0.120"	---	4-32/64	F400-432PS		F400-432SS	
	0.120"	---	4-36/64	F400-436PS		F400-436SS	
	0.120"	---	4-40/64	F400-440PS		F400-440SS	
	0.120"	---	4-44/64	F400-444PS		F400-444SS	
	0.120"	---	4-48/64	F400-448PS		F400-448SS	
	0.120"	---	4-52/64	F400-452PS		F400-452SS	
	0.120"	---	4-56/64	F400-456PS		F400-456SS	
	0.120"	---	4-60/64	F400-460PS		F400-460SS	
	0.120"	---	5	F400-500PS		F400-500SS	
	0.120"	---	5-4/64	F400-504PS		F400-504SS	
	0.120"	---	5-16/64	---		F400-516SS	
5"							
	0.120"	---	5-60/64	F500-560PS		---	
6"							
	0.125"	---	6-4/64	F600-604PS		---	
	0.125"	---	6-40/64	F600-640PS		---	
	0.125"	---	6-56/64	F600-656PS		F600-656SS	
	0.125"	---	6-60/64	F600-660PS		F600-660SS	
	0.125"	---	7	F600-700PS		---	
	0.125"	---	7-4/64	F600-704PS		F600-704SS	
	0.125"	---	7-12/64	F600-712PS		---	

• USE WITH COUPLINGS ON PAGES 34-35



## SF CRIMP PROCESS

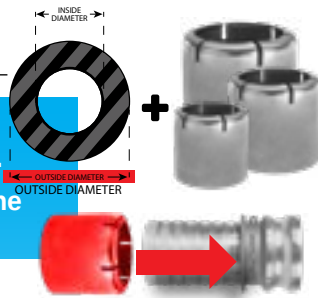
### STEP 1

Cut hose end square & clean any debris from tube interior.



### STEP 2

Measure the outer diameter (OD) of the hose. Based on the OD, select the proper ferrule size.



### STEP 3

Slide the ferrule over the shank up to the collar. Insert the shank into the hose squarely. Be careful you do not damage the tube! Only use lubrication if necessary.



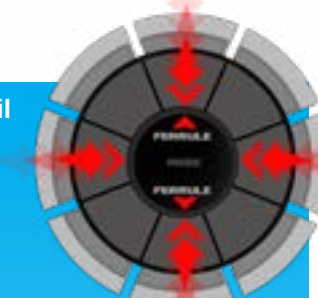
### STEP 4

Select the desired crimp length & crimp OD. Using the crimp machine manufacturer's recommendations, select the proper die set. Place the hose assembly into the die opening.



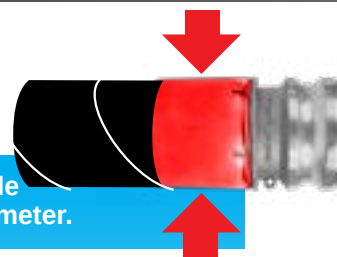
### STEP 5

JOG the crimp dies until they contact the ferrule. Be sure the ferrule and crimp dies are lined up properly to achieve the desired crimp length.



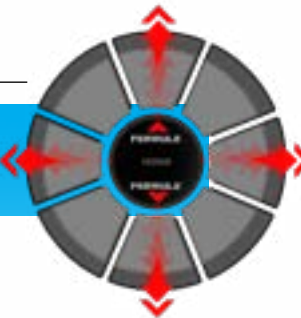
### STEP 6

Crimp the ferrule to the desired diameter.



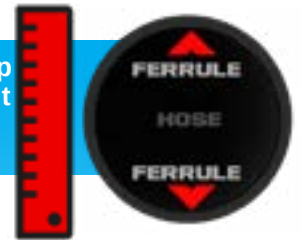
### STEP 7

Retract the dies and remove the hose assembly.



### STEP 8

Measure the crimp diameter to ensure it meets the desired dimension.



### STEP 9

If the OD is too large, re-crimp the ferrule until it meets the required specification. If the diameter is too small, please check all data again. If no mistakes were made, please contact Seal Fast.



### STEP 10

Repeat Steps 1-10 for the other end.



INTERESTED  
IN YOUR OWN  
CRIMPING MACHINE



OR EMAIL SALES  
FOR DETAILS ON OWNING YOUR OWN  
CRIMPING MACHINE

## DISCLAIMER!

The above crimp steps are taken from the NAHAD Hose Assembly Guidelines. This is a general guide only, it is not meant to be an all inclusive manual for crimping. Seal Fast recommends that only experienced operators perform the crimping procedures. Crimp specifications are not perfect. Hoses vary from manufacturer to manufacturer, and the hardness or softness (durometer) of the cover and tube can cause crimp specifications to vary. It is essential that all crimped assemblies are tested prior to being delivered to customers. Seal Fast recommends taking the necessary steps to determine crimp specs for each application, as opposed to using a chart provided by a manufacturer. This is especially important if you mix and match ferrules/sleeves and fittings from different manufacturers. Seal Fast cannot guarantee assemblies if the ferrules/sleeves and fittings are not both purchased from Seal Fast.

TECHNICAL DATA

CORROSION RESISTANCE OF COUPLING MATERIALS

**CAUTION:** The following data has been compiled from generally available sources end should not be relied upon without consulting and following the specific recommendations of the manufacturer regarding particular coupling materials.

<b>RATINGS:</b> 1. Excellent 2. Good	3. Fair Conditional x. Not Satisfactory	<b>NOTES:</b> No rationg indicates no data available
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AGENT	Mall. From Steel	Brass	Bronze	Aluminum	Glass	Stainless 410, 416, 430	Stainless 302, 202, 304, 308	Stainless 316	Monel
Acetate, Solvents, Crude		3				2	1	1	2
Acetate, Solvents, Pure		1	1	1		1	1	1	1
Acetic Acid	X	X	X	2	1	X	2	2	2
Acetic Acid Vapor	X	X		3		X	2	2	3
Acetic Anhydride	X	X		2		X	2	2	2
Acetone	1	1	1	1	1	1	1	1	1
Acetylene	1	2		1		1	1	1	2
Alcohols	1	2		1		1	1	1	1
Aluminum Sulfate	X	3	3	3	1	X	3	2	2
Alums	X	3	2	3	1	X	3	2	2
Ammonia Gas	1	X	3	1	3	1	1	1	X
Ammonium Chloride	1	3		1*		3	3	1	1
Ammonium Hydroxide	2	X		2		1	1	1	3
Ammonium Nitrate	1	X		2		1	1	1	3
Ammonium Phosphate (Ammoniacal)		X				1	1	1	2
Ammonium Phosphate (Neutral)		3				1	1	1	2
Ammonium Phosphate (Acid)		3				3	2	1	2
Ammonium Sulfate	1	3				2	1	1	2
Asphalt	1	2				2	1	1	1
Beer	2	2	1	1		X	1	1	1
Beet SugarLiquors	1	2		1		2	1	1	1
Benzene, Benzol	1	1	1	1	1	1	1	1	1
Benzine (petroleum-naphtha)	1	1		1		1	1	1	1
Borax	2	2				1	1	1	1
Boric Acid	X	3		1		3	2	1	1
Butane, Butylene	1	1	1	1		1	1	1	1
Butadiene		1				1	1	1	1
Calcium Bisulfate		X				X	2	1	X
Calcium Hypochlorite	3	3	3	X	3	X	3	2	3
Cane Sugar Liquors	1	2		1		2	1	1	1
Carbon Dioxide (Dry)	1	1		1		1	1	1	1
Carbon Dioxide (Wet & Aqueous Sol)	2	3		2		2	1	1	2
Carbon Disulfide	2	3		2		2	1	1	3
Carbon Tetrachloride	3	1	2	3	1	1	1	1	1
Chlorine (Dry)	2	2	2	1	2	2	2	2	1
Chlorine (Wet)	X	X	3	X	2	X	X	3	3
Chromic Acid		X	X	X	1	3	2	2	3
Citric Acid	X	3		1		3	X	1	2
Coke Oven Gas	1	3		2		1	1	1	2
Copper Sulfate	X	X		X		1	1	1	3
Core Oils		1	1			1	1	1	1
Cottonseed Oil	1	1	1	1		1	1	1	1
Creosote	2	3		1		1	1	1	1
Ethers	2	1		1		1	1	1	1
Ethylene Glycol	2	2				1	1	1	1
Ferric Chloride	X	X	X	X	1	X	X	X	X
Ferric Sulfate	X	X		X		1	1	1	3
Formaldehyde	2	2		2		1	1	1	1

TECHNICAL DATA

CORROSION RESISTANCE OF COUPLING MATERIALS

**CAUTION:** The following data has been compiled from generally available sources end should not be relied upon without consulting and following the specific recommendations of the manufacturer regarding particular coupling materials.

<b>RATINGS:</b> 1. Excellent 2. Good	3. Fair Conditional x. Not Satisfactory	<b>NOTES:</b> No rationg indicates no data available
---	--	--

AGENT	Mall. From Steel	Brass	Bronze	Aluminum	Glass	Stainless 410, 416, 430	Stainless 302, 202, 304, 308	Stainless 316	Monel
Formic Acid	X	2		X		X	2	1	2
Freon	3	1	1	1		1	1	1	1
Furfural	1	2		1		1	1	1	1
Gasoline (Sour)	3	3		3		3	1	1	X
Gasoline (Refined)	1	1	1	1		1	1	1	1
Gelatin	1	3		1		1	1	1	1
Glucose	1	1		1		1	1	1	1
Glue	1	3		1		1	1	1	1
Glycerine or Glycerol	1	2		1		1	1	1	1
Hydrochloric Acid	X	X	X	X	1	X	X	X	X
Hydrocyanic Acid	3	X		1		3	1	1	2
Hydrofluoric Acid	X	3	3	X	X	X	X	X	X
Hydrogen Fluoride		3				X	X	3	1
Hydrogen	1	1		1		1	1	1	1
Hyrogen Peroxide	X	X		1		1	2	1	2
Hydrogen Sulfide (Dry)	3	3		2		3	2	1	3
Hydrogen Sulfide (Wet)	3	3		2		3	2	1	3
Lacquers and Lacquer Solvents	3	2		1		1	1	1	1
Lactic Acid	X			3			3	2	1
Lime-Sulfur	2	X		2		1	1	2	
Linseed Oil	1	1		1			1	1	1
Magnesium Chloride	3	3		X		3	2	1	1
Magnesium Hydroxide	1	2		X		1	1	1	1
Magnesium Sulfate	2	2		3		1	1	1	1
Mercuric Chloride	3	X		X		X	X	3	X
Mercury	1	X		X		1	1	1	2
Milk	3	3		1		2	1	1	3
Molasses	2	X		2		2	1	1	1
Natural Gas	1	2		1		1	1	1	1
Nickel Chloride		X		X		X	3	2	2
Nickel Sulfate		3		X		3	2	1	1
Nitric Acid	X	X	X	3	1	2	2	2	X
Oleic Acid	2	3		1		2	2	1	1
Oxalic Acid	3	3		2		3	2	1	1
Oxygen	1	1	1	1		1	1	1	1
Palmitic Acid	1	3		1		2	2	1	1
Petroleum Oils (Sour)		3				3	1	1	X
Petroleum Oils (Refined)	1	1	1	1		1	1	1	1
Phosphoric Acid 25%	3	X		3	3	X	3	1	2
Phosphoric Acid 25-50%	X	X		X	3	X	X	2	2
Phosphoric Acid 50-85%	X	X		X	X	X	X	2	2
Picric Acid	3	X		3		2	1	1	X
Potassium Chloride	2	3		3		3	2	1	1
Potassium Hydroxide	3	X		X		1	1	1	1
Potassium Sulfate	2	2		1		1	1	1	1
Propane	1	1				1	1	1	1
Rosin (Dark)	1	2			1	1	1	1	1
Rosin (Light)		X		1		1	1	1	2



TECHNICAL DATA

CORROSION RESISTANCE OF COUPLING MATERIALS

**CAUTION:** The following data has been compiled from generally available sources end should not be relied upon without consulting and following the specific recommendations of the manufacturer regarding particular coupling materials.

RATINGS: 1. Excellent 2. Good		3. Fair Conditional x. Not Satisfactory		NOTES: No rationg indicates no data available					
AGENT	Mall. From Steel	Brass	Bronze	Aluminum	Glass	Stainless 410, 416, 430	Stainless 302, 202, 304, 308	Stainless 316	Monel
Shellac		2		2		1	1	1	1
Sludge Acid		X				X	X	3	2
Soda Ash (Sodium Carbonate)	1	2		X		1	1	1	1
Sodium Bicarbonate	3	1		X		1	1	1	1
Sodium Bisulfate	X	3		3		X	1	1	1
Sodium Chloride	2	3	2	X	1	3	2	1	1
Sodium Cyanide	2	X		X		1	1	1	2
Sodium Hydroxide	3	X	3	X	X	2	2	2	1
Sodium Hypochlorite	X	X		X		X	3	2	3
Sodium Metaphosphate	X	3		1		2	1	1	1
Sodium Nitrate	1	3		1		1	1	1	1
Sodium Perborate	3	3		1		1	1	1	1
Sodium Peroxide	3	3		1		1	1	1	1
Sodium Phosphate (Alkaline)		3				1	1	1	1
Sodium Phosphate (Neutral)		2				1	1	1	1
Sodium Phosphate (Acid)		2				X	2	1	1
Sodium Silicate	1	3		X		1	1	1	1
Sodium Sulfate	1	2		3		1	1	1	1
Sodium Sulfide	1	X				1	1	1	2
Sodium Thiosulfate (Hypo)	3	X		X		1	1	1	2
Stearic Acid	3	3		3		2	2	1	1
Sulfate Liquors		X				1	1	1	2
Sulfur	2	X		2		2	2	1	3
Sulfur Chloride	X	X				X	3	2	2
Sulfur Dioxide (Dry)	2	1		1		1	1	1	1
Sulfur Dioxide (Wet)		X				X	2	1	X
Sulfuric Acid 10%	X	X	3	3		X	X	2	2
Sulfuric Acid 10-75%	X	X	X	X		X	X	X	2
Sulfuric Acid 75-95%	3	X	X	X		3	3	2	3
Sulfuric Acid 95%	2	X	X			2	2	2	X
Surlfurous Acid	X	X		X		X	3	2	X
Tannic Acid	3	3	1	X			1	1	1
Tar	1	2		1		2	1	1	1
Toluene, Toluol	1	1		1		1	1	1	1
Trichlorethylene	3	1		3		1	1	1	1
Turpentine		3		1		3	1	1	1
Varnish	2	2				1	1	1	1
Vegetable Oils	1	2		1		1	1	1	1
Vinegar	3	3		3		3	2	1	2
Water (Acid Mine Water)	3	X		3		2	1	1	3
Water (Fresh)	3	1		1		1	1	1	1
Water (Salt)	3	3	2	X		3	2	2	1
Whiskey	X	2				3	1	1	2
Wines	X	2				3	1	1	2
Xylene, Xylol	2	1		1		1	1	1	1
Zinc Chloride	X	X		X		3	2	1	1
Zinc Sulfate	3	3		3		3	2	1	1

TECHNICAL DATA

OIL & GASOLINE RESISTANCE

Rubber hose is used to convey petroleum products both in the crude and refined stages. The aromatic content of re-fined gasoline is often adjusted to control the octane rating. The presence of aromatic hydrocarbons in this fuel generally has a greater effect on rubber components than do aliphatic hydrocarbons. Aromatic materials in contact with rubber tend to soften it and reduce its physical properties. For long lasting service, the buyer of gasoline hose should inform the hose manufacturer of the aromatic content of the fuel to be handled so that the proper tube compound can be recommended for the specific application.

The effects of oil on rubber depend on a number of factors that include the type of rubber compound, the composition of the oil, the temperature and time of exposure. Rubber compounds can be classified as to their degree of oil resistance based on their physical properties after exposure to a standard test fluid. In this RMA classification, the rubber samples are immersed in IRM 903 oil at 100°C for 70 hours. (See ASTM Method D-471 for a detailed description of the oil and the testing procedure.) As a guide to the user of hose in contact with oil, the oil resistance classes and a corresponding description are listed.

PHYSICAL PROPERTIES AFTER EXPOSURE TO OIL:		
	VOLUME CHANGE MAXIMUM	TENSILE STRENGTH RETAINED
CLASS A (HIGH OIL RESISTANCE).....	+25%	80%
CLASS B (MEDIUM/HIGH OIL RESISTANCE).....	+65%	50%
CLASS C (MEDIUM OIL RESISTANCE).....	+100%	40%

CHEMICAL RECOMMENDATIONS

The materials being handled by flexible rubber hose are constantly increasing in number and diversity. T o assist in the selection of the proper elastomer for the service conditions encountered, the following table has been prepared. The reader is cautioned that it is only a guide and should be used as such, as the degree of resistance of an elastomer with a particular fluid depends upon such variables as temperature, concentration, pressure, velocity of flow, duration of exposure, aeration, stability of the fluid, etc. Also variations in elastomer types and special compounding of stocks to meet specific service conditions have considerable influence on the results obtained. When in doubt, it is always advisable to test the tube compound under actual service conditions. If this is not practical, tests should be devised that simulate service condtions or the hose manufacturer contacted for Recommendations.

The following table lists the more commonly used materials, chemicals, solvents, oils, etc. The recommendation are based on room temperature and pressure conditions normally recommended for the particular type of hose being used. Where conditions beyond this can be met readily, they have been so indicated; where conditions are not normal and cannot be readily met, the hose manufacturer should always be consulted. The table does not imply conformance to the Food & Drug Administration requirements of Federal or State Laws when handling food products.

TABLE OF CHEMICAL, OIL & SOLVENT RESISTANCE OF HOSE:
<b>WARNING:</b> The following data has been compiled from generally available sources and should not be relied upon without consulting and following the hose manufacturer's specific chemical recommendations. Neglecting to do so might result in failure of the hose to fulfill its intended purpose, and may result in possible damage to property and serious bodily injury.

RESISTANCE RATING	RELASTOMERS/PLASTICS	
<b>A</b> - Good Resistance, usually suitable for service.	<b>NR</b> - Natural Rubber	<b>EPDM</b> - Ethylene-propylene-diene-terpolymer
<b>F</b> - Fair Resistance, the chemical has some deteriorative effects, but the elastomer is still adequate for moderate service.	<b>IR</b> - Isoprene, synthetic	<b>MQ</b> - Dimethyl-polysiloxane
	<b>SBR</b> - Styrene-butadiene	<b>FKM</b> - Fluoracarbon rubber
<b>C</b> - Depends on Condition, moderate service may be possible if chemical exposure is limited or infrequent.	<b>CR</b> -Chloroprene	<b>CM</b> - Chloro-polyethylene
	<b>NBR</b> - Nitrile-butadiene	<b>ECO/CO</b> - Ephichlorohydrin
<b>X</b> -Not recommended, unsuitable for service.	<b>IIR</b> -Isobutene-isoprene	<b>EXLPE</b> - Chloro-sulfonyl-polyethylene
<b>I</b> - Insufficient Information, not enough data available at the time of publication to determine rating.	<b>CSM</b> - Chloro-sulfonyl-polyethylene	

## NOTES

[illegible]