

CAT 1

24

PIN LUG
HOSE NIPPLE




STANK



SEALFAST
THE SIMPLE SOLUTION



INDEX

-  PIN LUG 2-3
-  HOSE SHANK NIPPLES 4-5
-  TECHNICAL DATA 6-9

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.

SHANK

PIN LUG

PIN LUG

SHANK

ALUMINUM SHANK w/BRASS NUT- NPSH AND NST

►Note: Working pressures are directly related to the hose and coupling installation.



Size	Threads	WORKING PSI	ALUMINUM					
			Complete Set		Female w/Brass Pin Swivel Lug		Male Shank	
			Part #	List	Part #	List	Part #	List
1-1/2"	NPSH	150	AL150S		AL150F		AL150M	
2"	NPSH	150	AL200S		AL200F		AL200M	
2-1/2"	NPSH	150	AL250S		AL250F		AL250M	
3"	NPSH	150	AL300S		AL300F		AL300M	
4"	NPSH	150	AL400S		AL400F		AL400M	
6"	NPSH	150	AL600S		AL600F		AL600M	
1-1/2"	NST	150	*AL 150S-NST		*AL150F-NST		*AL150M-NST	
2-1/2"	NST	150	*AL 250S-NST		*AL250F-NST		*AL250M-NST	

* NST Threads

BRASS SHANK- NPSH AND NST

►Note: Working pressures are directly related to the hose and coupling installation.

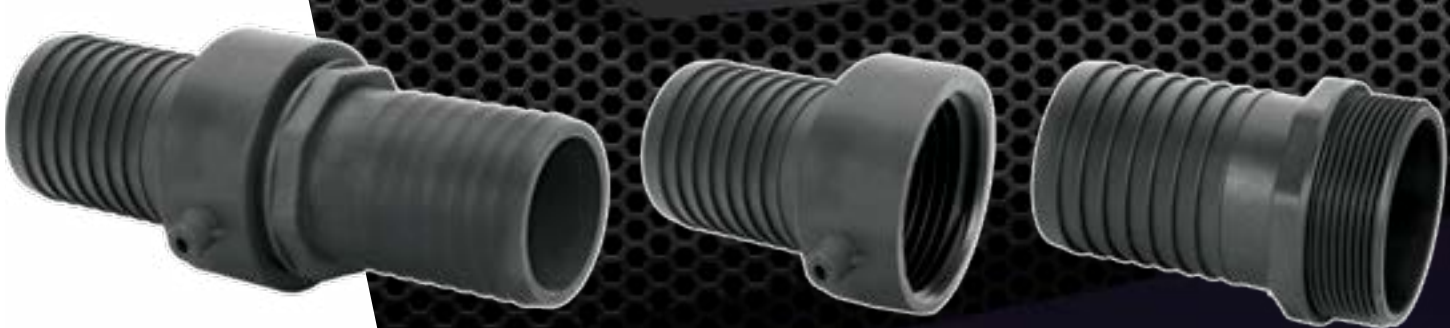


Size	Threads	WORKING PSI	BRASS					
			Complete Set		Female w/Pin Swivel Lug		Male Shank	
			Part #	List	Part #	List	Part #	List
1-1/2"	NPSH	150	BSS150		BSS150F		BSS150M	
2"	NPSH	150	BSS200		BSS200F		BSS200M	
2-1/2"	NPSH	150	BSS250		BSS250F		BSS250M	
3"	NPSH	150	BSS300		BSS300F		BSS300M	
1-1/2"	NST	150	*BSS150NH		*BSS150NHF		*BSS150NHM	
2"	NST	150	*BSS200NH		*BSS200NHF		*BSS200NHM	
2-1/2"	NST	150	*BSS250NH		*BSS250NHF		*BSS250NHM	

* NST Threads

POLYPROPYLENE SHANK - NPSH

►Note: Working pressures are directly related to the hose and coupling installation.



Size	WORKING PSI	POLYPROPYLENE					
		Complete Set		Female w/Pin Swivel Lug		Male Shank	
		Part #	List	Part #	List	Part #	List
1"	75	PP100S		PP100F		PP100M	
1-1/4"	75	PP125S		PP125F		PP125M	
1-1/2"	75	PP150S		PP150F		PP150M	
2"	75	PP200S		PP200F		PP200M	
3"	75	PP300S		PP300F		PP300M	

REPLACEMENT GASKETS - SHANK COUPLINGS

Size	SBR	
	Part #	List
1/2"	RW050	
3/4"	RW075	
1"	RW100	
1-1/4"	RW125	
1-1/2"	RW150	
2"	RW200	
2-1/2"	RW250	
3"	RW300	
4"	RW400	
5"	---	
6"	RW600	



Do not use with any compressed gas, including steam or air. Metal fittings should not be used

SHANK

LONG SHANK HOSE NIPPLE - HEX SWIVEL w/NPSH THREADS

►Note: Working pressures are directly related to the hose and coupling installation.

*ZINC PLATED STEEL & **ZINC PLATED IRON							
Size	WORKING PSI	Complete Set		Female		Male	
		Part #	List	Part #	List	Part #	List
*1/2"	150	SLS050		SLS050F		SLS050M	
*3/4"	150	SLS075		SLS075F		SLS075M	
*1"	150	SLS100		SLS100F		SLS100M	
**1-1/4"	150	SLS125C		SLS125CF		SLS125CM	
**1-1/2"	150	SLS150C		SLS150CF		SLS150CM	
**2"	150	SLS200C		SLS200CF		SLS200CM	

LONG SHANK HOSE NIPPLE - HEX SWIVEL w/NPSH THREADS

►Note: Working pressures are directly related to the hose and coupling installation.

BRASS							
Size Hose x Thread	WORKING PSI	Complete Set		Female		Male	
		Part #	List	Part #	List	Part #	List
1/2" x 3/4" NPSH	150	BLS050075		BLS050075F		BLS050075M	
1/2" x 3/4" GHT	150	BLS050075GHT		BLS050075GHTF		BLS050075GHTM	
5/8" X 3/4" NPSH	150	BLS058075		BLS058075F		BLS058075M	
5/8" x 3/4" GHT	150	BLS058075GHT		BLS058075GHTF		BLS058075GHTM	
3/4" x 3/4" NPSH	150	BLS075		BLS075F		BLS075M	
3/4" x 3/4" GHT	150	BLS075GHT		BLS075GHTF		BLS075GHTM	
1" x 1" NPSH	150	BLS100		BLS100F		BLS100M	
1-1/4" x 1-1/4" NPSH	150	BLS125		BLS125F		BLS125M	
1-1/2" x 1-1/2" NPSH	150	BLS150		BLS150F		BLS150M	
1-1/2" x 1-1/2" NST	150	BLS150NH		BLS150NHF		BLS150NHM	
2" x 2" NPSH	150	BLS200		BLS200F		BLS200M	
2-1/2" x 2-1/2" NPSH	150	BLS250		BLS250F		BLS250M	
2-1/2" x 2-1/2" NST	150	BLS250NH		BLS250NHF		BLS250NHM	
3" x 3" NPSH	150	BLS300		BLS300F		BLS300M	

HOSE MENDERS

BRASS		
Size	Part #	List
1/8"	HM-2	
3/16"	HM-3	
1/4"	HM-4	
5/16"	HM-5	
3/8"	HM-6	
1/2"	HM-8	
5/8"	HM-10	
3/4"	HM-12	

SHANK

SHORT SHANK HOSE NIPPLE

►Note: Working pressures are directly related to the hose and coupling installation.

BRASS							
Size Hose x Thread	WORKING PSI	Complete Set		Male		Female	
		Part #	List	Part #	List	Part #	List
3/8" x 3/4" NPSH	150	BSS038075		BSS038075F		BSS038075M	
3/8" x 3/4" GHT	150	BSS038075GHT		BSS038075GHTF		BSS038075GHTM	
1/2" x 3/4" NPSH	150	BSS050075		BSS050075F		BSS050075M	
1/2" x 3/4" GHT	150	BSS050075GHT		BSS050075GHTF		BSS050075GHTM	
5/8" X 3/4" NPSH	150	BSS058075		BSS058075F		BSS058075M	
5/8" x 3/4" GHT	150	BSS058075GHT		BSS058075GHTF		BSS058075GHTM	
3/4" x 3/4" NPSH	150	BSS075		BSS075F		BSS075M	
3/4" x 3/4" GHT	150	BSS075GHT		BSS075GHTF		BSS075GHTM	
1" x 1" NPSH	150	BSS100		BSS100F		BSS100M	
1-1/4" x 1-1/4" NPSH	150	BSS125		BSS125F		BSS125M	

HOSE NIPPLE - MALE NPT x HOSE BARB

►Note: Working pressures are directly related to the hose and coupling installation.

Zinc Plated Steel						316 SS	
Size Thread X Hose	Working PSI	Complete Set		Female		Male	
		Part #	List	Part #	List	Part #	List
1/8" x 1/4"	150	HN018025		HNSS018025			
1/4" x 1/4"	150	HN025025		HNSS025025			
1/4" x 3/8"	150	HN025038		HNSS025038			
1/4" x 1/2"	150	HN025050		HNSS025050			
3/8" x 1/4"	150	HN038025		HNSS038025			
3/8" x 3/8"	150	HN038038		HNSS038038			
3/8" x 1/2"	150	HN038050		HNSS038050			
1/2" x 3/8"	150	HN050038		HNSS050038			
1/2" x 1/2"	150	HN050050		HNSS050050			
1/2" x 3/4"	150	HN050075		HNSS050075			
3/4" x 1/2"	150	HN075050		HNSS075050			
3/4" x 3/4"	150	HN075075		HNSS075075			
3/4" x 1"	150	HN075100		HNSS075100			
1" x 3/4"	150	HN100075		HNSS100075			
1" x 1"	150	HN100100		HNSS100100			

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 rating indicates no data available
---	--	---

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.

RATINGS: 1. Excellent 2. Good	3. Fair Conditional x. Not Satisfactory	NOTES: No rating 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:		
CLASS A	(HIGH OIL RESISTANCE).....	VOLUME CHANGE MAXIMUM +25% TENSILE STRENGTH RETAINED 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:	
WARNING: 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	
A - Good Resistance, usually suitable for service.	NR - Natural Rubber	EPDM - Ethylene-propylene-diene-terpolymer
F - Fair Resistance, the chemical has some deteriorative effects, but the elastomer is still adequate for moderate service.	IR - Isoprene, synthetic	MQ - Dimethyl-polysiloxane
	SBR - Styrene-butadiene	FKM - Fluoracarbon rubber
C- Depends on Condition, moderate service may be possible if chemical exposure is limited or infrequent.	CR -Chloroprene	CM - Chloro-polyethylene
	NBR - Nitrile-butadiene	ECO/CO - Ephichlorohydrin
X- Not recommended, unsuitable for service.	IIR - Isobutene-isoprene	EXLPE - Chloro-sulfonyl-polyethylene
I - Insufficient Information, not enough data available at the time of publication to determine rating.	CSM - Chloro-sulfonyl-polyethylene	

NOTES

[illegible]This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins or other markings on the paper.