# Fire Protection

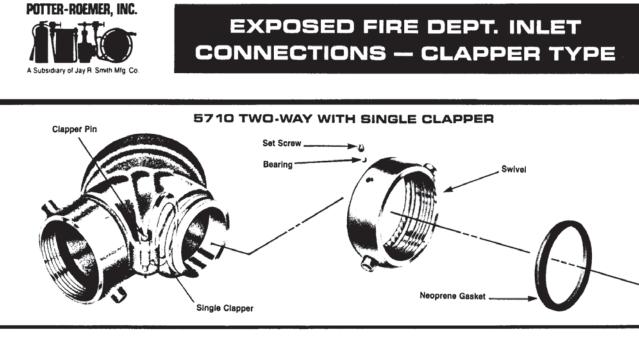
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CATALOG

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UL.

### TWO-WAY WITH SINGLE CLAPPER

FUNCTION: Used as an auxiliary inlet connection providing 500 G.P.M. minimum (Ref. NFPA No. 14) to supplement the fire protection water supply. Swing clapper provides unobstructed waterway. Exposed design is an economical method of satisfying fire dept. inlet requirements.

REGULARLY FURNISHED: Cast brass two-way inlet body, swing clapper and pin lug swivel. Back or angle outlet as selected by figure number. Lettering as selected. Size  $4'' \times 2^{1/2''} \times 2^{1/2''}$ .

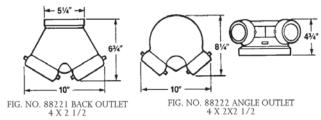
### **OPTIONAL FINISHES:**

- B Polished Brass
- C Rough Chrome Plated - D Polished Chrome Plated

LETTERING AVAILABLE: AUTO. SPKR. STANDPIPE

FM

SPECIFY thread and lettering

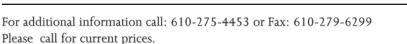


### **TWO-WAY WITH DOUBLE CLAPPERS**

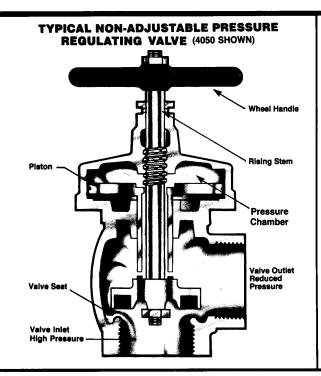
FUNCTION: Used as an auxiliary inlet connection providing 500 G.P.M. minimum (Ref. NFPA No. 14) to supplement the fire protection water supply. Drop clappers provide unobstructed waterway. Exposed design is an economical method of satisfying fire dept. inlet requirements.

REGULARLY FURNISHED: Cast brass two-way inlet body, drop clappers and pin lug swivels. Size and outlet as selected by figure number. Lettering as selected.

	FIG. NO. 87876-87 Back Outle		D		FIG. NO. 87880 45° Angle Outlet	
	Size	A	в	С	D	OPTIONAL FINISHES: – B Polished Brass – C Rough Chrome Plated
	41/2 x 21/2 x 21/2	71/2	111/2	81/2	111/4	<ul> <li>D Polished Chrome Plated</li> </ul>
- The	6 x 2½ x 2½	91/2	101/2	9	103⁄4	LETTERING AVAILABLE:
	4 x 3 x 3	91/2	111/2	91/2	11	AUTO. SPKR.
	6 x 3 x 3	10	11	101/2	11	STANDPIPE
~	4 x 2½ x 2½	8	11	_		SPECIFY thread
	ALL	DIMENSIONS	IN INCHES			and lettering



### NON-ADJUSTABLE REG-U-MATIC PRESSURE REGULATING VALVES

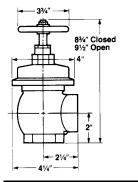


### FEATURES AND DATA

- Selected pressure control under residual and static conditions.
- Selected pressure control for 20 to 400 P.S.I.
- Listed by Underwriters Laboratories at 400 P.S.I. pressure.
- Listed by Underwriters Laboratories as a checking device.
- Hydraulic piston design.
- Under low residual supply pressure valve fully opens.
- Complete piping system can be hydrostatically tested to 400 P.S.I. without damage to valve.
- Maximum back pressure does not damage valve components.
- Tamper Proof Pressures.
- Monitor Switch Adapter to provide valve supervision.
- Designed for high pressure sprinkler, standpipe and combined fire protection systems.

### **ORDERING INFORMATION**

- Select type and size by figure number.
- Select required pressure range. (See Appendix page ☑)
- · Select hose thread for male outlets.
- Optional Finish: -C Rough Chrome Plated.
- For factory selection of proper application advise
  - 1. Valve inlet P.S.I. Residual.
- 2. G.P.M. Flow requirement.
- Valve outlet P.S.I. requirement.
- VALVE SELECTION CHARTS AVAILABLE SEE APPENDIX PAGE IX 11/2" VALVE LISTED AT 300 P.S.I. PRESSURE



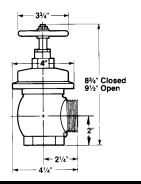
### 11/2" FEMALE x FEMALE

**FUNCTION:** Used as a hose station control to regulate inlet pressure to 300 P.S.I. Also may be used as a zone control valve to regulate high pressure sprinkler, standpipe and combined systems with flow up to 250 G.P.M.

**REGULARLY FURNISHED:** Cast brass valve with rising stem, internal parts of brass and stainless steel, aluminum handwheel. Female NPT inlet and outlet.

FIG NO	PRICE
83684	

**OPTION: -- MSA** Monitor Switch Adapter with Visual Indicator.



### 11/2" FEMALE x MALE

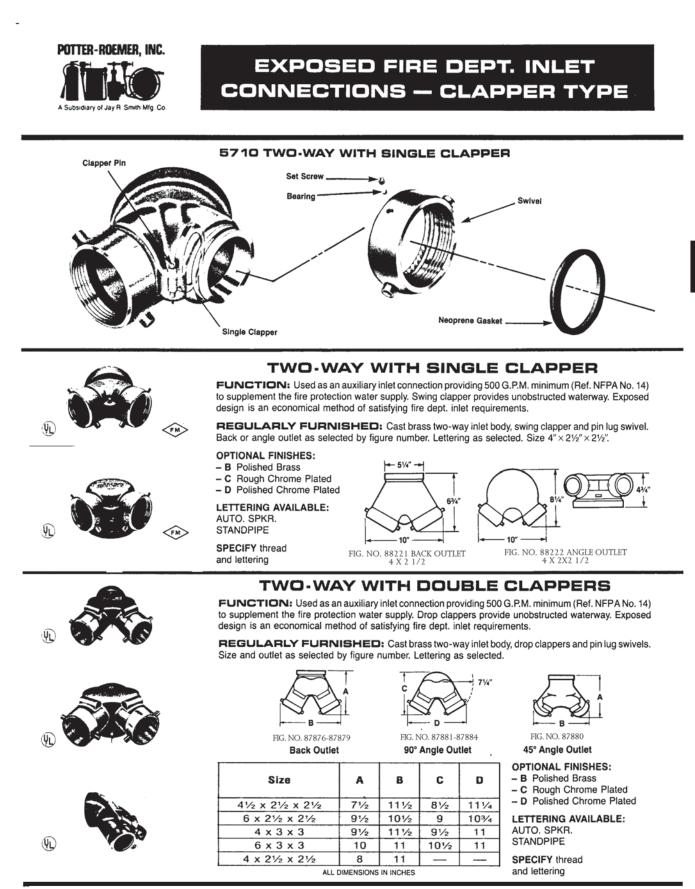
FUNCTION: Used as a hose station to regulate inlet pressure to 300 P.S.I.

**REGULARLY FURNISHED:** Cast brass valve with rising stem, internal parts of brass and stainless steel, aluminum handwheel. Female NPT inlet  $\times$  male hose thread outlet.

**OPTION: -- MSA** Monitor Switch Adapter with Visual Indicator.

FIG NO	PRICE
83685	

NOTE: ALWAYS INDICATE HOSE THREAD REQUIREMENTS.



### HOSE VALVES

### C B Female X Male shown E 300

### ANGLE

#### FEMALE X MALE

**FUNCTION:** Used with a fire hose rack assembly or as a fire dept. outlet connection.

#### **REGULARLY FURNISHED:**

Cast brass valve with red hand wheel. Female N.P.T. inlet X male hose thread outlet. 300 lb.

SIZE	FIG NO	PRICE
1 1/2		
2 1/2	59115	

### SPECIFY thread

**OPTIONAL FINISHES:** 

B Polished Brass
 C Rough Chrome Plated

-D Polished Chrome Plated

#### VARIATIONS:

Extended stem up to 24", **SPECIFY** length %" petcock **SPECIFY** location

Size	A	В	Closed C	Open C	D	E
11/2	21/4	31/2	6½	71/2	21/2	2
21/2	31/2	5	91/2	111/2	31/2	23/4

#### DOUBLE FEMALE

**FUNCTION:** Used with a fire hose rack assembly.

#### **REGULARLY FURNISHED:**

Cast brass valve with red hand wheel. Female N.P.T. inlet and outlet. 300 lb. rated

SIZE	FIG NO	PRICE
1 1/2	83690	
2 1/2	83692	

### ADJUSTABLE PRESSURE RESTRICTING ANGLE VALVE

### FEMALE X MALE

FUNCTION: Used with a fire hose rack assembly or as a fire dept. outlet connection. Water pressure is controlled by adjustable flow restriction. If full flow is required the restriction may be overridden.

#### **REGULARLY FURNISHED:**

Cast brass valve with red hand wheel with pressure restricting feature. Female N.P.T. inlet X male hose thread outlet. 300 lb. rated. Furnished with field setting chart.

SIZE	FIG NO	PRICE
1 1/2	83693	
2 1/2	83694	

#### DOUBLE FEMALE

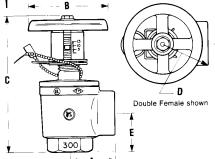
**FUNCTION:** Used with a fire hose rack assembly. Water pressure is controlled by adjustable flow restriction. If full flow is required the restriction may be overriden.

### REGULARLY FURNISHED:

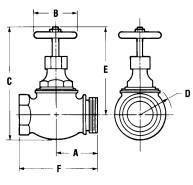
Cast brass valve with red hand wheel with pressure restricting feature. Female N.P.T. inlet and outlet. 300 lb. rated. Furnished with field setting chart.

SIZE	FIG NO	PRICE
1 1/2	83695	
2 1/2	83696	





### HOSE VALVES



### STRAIGHT GLOBE

### FEMALE X MALE

FUNCTION: Used with a fire hose assembly or as a fire dept. outlet connection.

#### **REGULARLY FURNISHED:**

Cast brass valve with red hand wheel. Female N.P.T. inlet X male hose thread outlet. 300 P.S.I.

#### VARIATION:

Extended stem up to 24", SPECIFY length

Size	A	B	Closed C	Ореп С	D	E	F
1/2	1⁄8	2	4	41⁄4	1	33⁄8	21⁄4
11/2	21/2	31/2	71⁄4	81⁄4	3	5¾	43⁄4
21/2	31/2	5	101⁄4	111/4	31/2	81/4	7

ALL DIMENSIONS IN INCHES

#### DOUBLE FEMALE

**FUNCTION:** Used with a fire hose rack assembly or as a drain valve.

#### **REGULARLY FURNISHED:**

Cast brass valve with red hand wheel. Female N.P.T. inlet and outlet. 300 P.S.I.

SIZE	FIG NO	PRICE
1/2	83700	
1 1/2	83701	
2 1/2	83702	

**OPTIONAL FINISHES:** 

–B Polished Brass

-C Rough Chrome Plated

-D Polished Chrome Plated



\*Flanged \*UL8/ULC listed \*FMapproved \*Bolted bonnet \*Outside screw and yoke \*Solid wedge \*Pre-grooved stem for tamper switch mounting. \*175 psi non-shock cold water \*Approved by the New York City board of Standards and Appeals

\*175 LB WWP Iron Body Gate

FIG. NO. DCF607OTS



- \*175 LB WWP iron body check
- \*Flanged
- \*UL/ULC listed
- \*FM approved
- \*Bolted bonnet
- \*Horizontal Swing
- \*Renewable seat and disc \*175 PSI non-shock cold water
- \*Approved by the New York City board of Standards and Appeals

\*1/2" Automatic Ball Drip \*For installation on DCF908W \*Closes against pressure \*Opens when pressure is off, allowing water to drain from the fire department connection

FIG. NO. DCBALLDRIP

### HOSE RACKS HOSE ADAPTERS FIRE DEPT INLET CONNECTIONS PORTABLE FIRE EXTINGUISHERS ALL AVAILABLE CALL DUFF NOW! 610-275-4453

### HOSE GATE VALVES

### WITH RISING STEM

FUNCTION: Used as a fire dept. outlet connection, designed for dry systems only. Unrestricted water way allows full flow. Suitable for use as a pump test valve.

#### **REGULARLY FURNISHED:** Cast brass

valve with rising stem, red hand wheel. Female N.P.T. inlet  $\times$  male hose thread outlet. Brass solid wedge disc and tapered set.

#### **OPTIONAL FINISHES:**

- -B Polished Brass
- -C Rough Chorme Plated
- -D Polished Chrome Plated

#### SPECIFY thread

Size	Pressure	A	В	Ciosed C	Open C	D	E	F
21/2	200 lb.	5¾	121/2	15	171/2	21/2	41/2	5¾
3x2½	300 lb.	6¼	121/2	15	18	21/2	41/2	5¾
3	300 lb.	71/2	141/2	171/2	21	3	51/2	7

[	SIZE	FIG NO	PRICE
Ĩ	2 1/2	83703	
	3X2-1/2	83704	
	3		

### WITH NON-RISING STEM

FUNCTION: Used as a fire dept. outlet connection, designed for dry systems only. Unrestricted water way allows full flow. Suitable for use as a pump test valve. Non-rising stem feature requires less installation space.

#### **REGULARLY FURNISHED:**

Cast brass valve with non-rising stem, red hand wheel. Female N.P.T. inlet × male hose thread outlet. Brass solid wedge disc and tapered seat.

#### **OPTIONAL FINISHES:**

-B Polished Brass

-C Rough Chorme Plated

-D Polished Chrome Plated

#### SPECIFY thread

Size	Pressure	A	B	C	D	E	F
1½*	200 lb.	5	6	7½	1½	21/2	31⁄4
21/2	300 lb.	51/4	7¾	9¾	2	31/2	51/4
3x2½	300 lb.	51⁄4	7¾	<b>9</b> ¾	2	31/2	51/4

SIZE	FIG NO	PRICE
1 1/2	83706	
2 1/2		
3X2 1/2	83708	

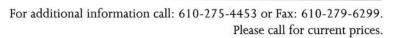
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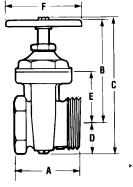
### CAPS AND CHAINS

FUNCTION: Use to cover and protect male threads on valves and hydrants. Discourages entry of foreign matter.

**REGULARLY FURNISHED:** Cast brass cap with female hose thread, pin lugs and chain.

 OPTIONAL FINISHES:	PRICE	FIG NO	SIZE
-B Polished Brass		83709	3/4"
-C Rough Chrome Plated		83710	1"
-D Polished Chrome Plated			11/2"
VARIATIONS: with rocker lugs (suffix -RL)		83711	2 1/2"
2 <sup>1</sup> / <sub>2</sub> " and 3" size available in plastic (suffix <b>-P</b> )		83712	3"
SPECIFY: Thread.		83713	4"

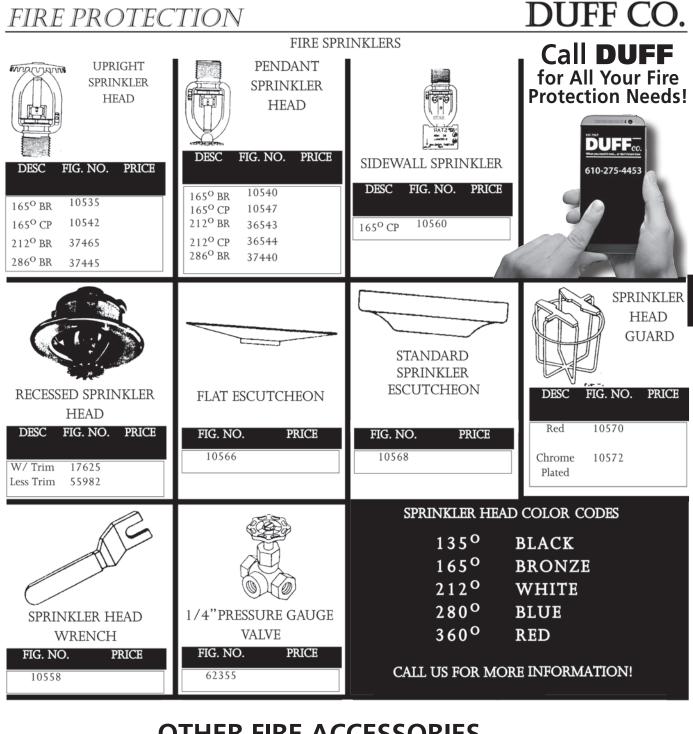




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### **OTHER FIRE ACCESSORIES**



### CALL FOR PRICES AND AVAILABILITY

### FIRE STOPS

### SELECTION

Firestops are comprised of three essential inter-related components: the penetrated barrier, the penetrants, and the seal used to close the opening between the penetrants and the barrier. The firestopping seal is the last of the three components to be installed. Good planning can make firestopping simpler, more cost effective and safer.

- 1. Select penetrants that have published firestop systems available.
- 2. Require a suitable annulus for installation of the appropriate firestop system.
- 3. Require sufficient spacing of penetrants from each other and other building elements.
- 4. Consider the environment of the installations and select an appropriate material and method.

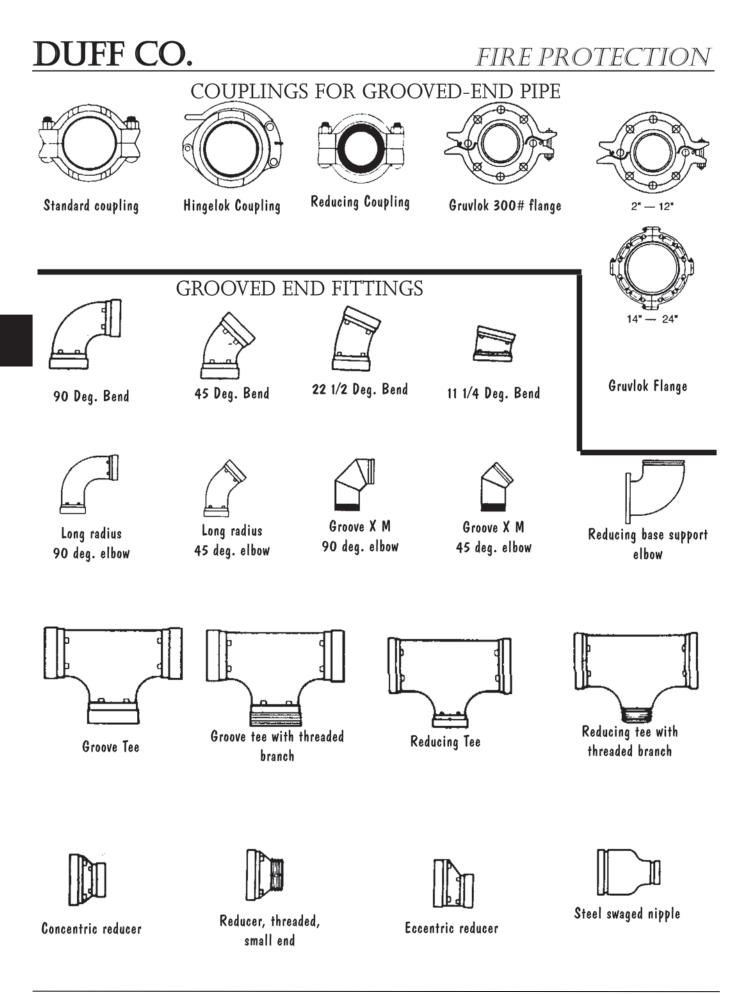
		SELECTOR	GUIDE	
1	Large openings through concrete floors & walls	Cable trays Bus Duct Multiple PIpes Insulated Pipes Plastic Pipes	FIRE RATED MORTAR Series SSM	
2	Medium to small open- ings in all constructions	Metallic Pipes Cable Trays Multiple Pipes Plastic PIpes Loose Cables Bus Duct Insulated Pipes	INTUMESCENT SEALANT Series SSS	
3	Small to medium open- ings - all constructions	Metallic Pipes Metallic Pipes through sleeves Electrical or telephone cable	LATEX SEALANT Series LC150	
4	Small openings in all con- structions (easy retrofit)	Metallic Pipes Loose cables	INTUMESCENT PUTTY Series SSP	Spec Seal
5	Combustible penetrants field fabricated	Insulated pipes Plastic Pipes	OMTUMESCENT WRAP STRIPS All wrap strips	
6	Combustible penetrants factory manufactured	Plastic pipes	INTUMESCENT COLLARS Series SSC	
7	Medium to large openings (easy retrofit)	Cable tray Power, Voice, Data cables Fan Coils	FIRESTOP PILLOWS Series SSB	
8	Large openings through concrete floors & walls	Cable trays Bus Duct Multiple pipes Insulated pipes Plastic pipes	SILICONE FOAM Series PEN200	PENSIL 200
9	Construction joints, pipe with high temperature or movement	Metallic, steam pipes Safing & construction gaps Seismic joints	SILICONE SEALANT Series PEN300	Joint Sealand

NOTE: Product shown is primary one to be used for application. Additional product(s) may be required.

### FIRE PROTECTION

### DUFF CO.

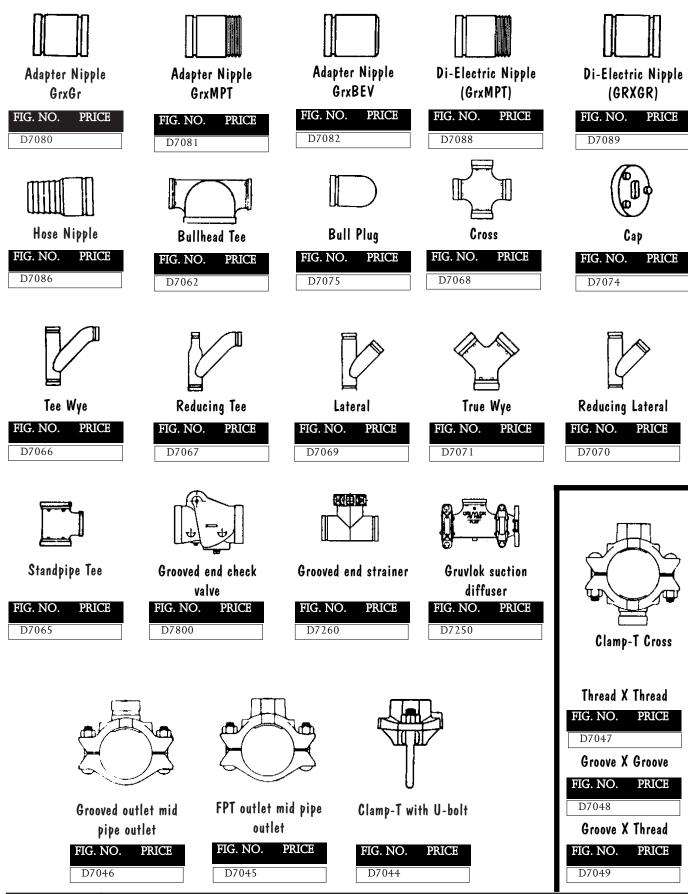
		FIRE STOPS		
REF	FIG. NO.	DESCRIPTION	SIZE / WGHT	PRICE
1	73588	SSM 106 Firestop Mortar	6 Gal	
	73589	SSM22B Firestop Mortar	22 lb.	
	73571	SSS100 Red Latex Sealant	10.5 oz.	
2	73573	SSS102 Red Latex Sealant	2 Gal.	
	73574	SSS105 Red Latex Sealant	5 Gal.	
	75571		J Gai.	
	73575	LC150 Green Latex Sealant	10.5 oz.	
3	73576	LC152 Green Latex Sealant	2 Gal.	
	73577	LC155 Green Latex Sealant	5 Gal.	
4				
4	73581	SSP100 Instrumescent Putty Tube		
5	74932	SSWRED Intumescent Red Wrap		
	73582	SSC151 1 1/2" Instrumescent Collar		
6	73584	SSC202 2"Instrumescent Collar		
	73585	SSC301 3" Instrumescent Collar		
	73586	SSC400 4" Instrumescent Collar		
	73587	SSC600 6"Instrumescent Collar		
	73590	SSB14 Firestop Pillow	1x4x9	
	73591	SSB24 Firestop Pillow	2x4x9	
7	73592	SSB26 Firestop Pillow	2x6x9	
	75850	SSB36 Firestop Pillow	3x6x9	
		L		
8	83964	PEN200 Silicone Foam	100 lb.	
	73578	PEN300 Silicone Sealant	10.3 oz.	
9	73579	PEN302 Silicone Sealant	2 Gal.	
7	73580	PEN305 Silicone Sealant	5 Gal.	
	11	11		



### FIRE PROTECTION

### DUFF CO.

GROOVED END FITTINGS



For additional information call: 610-275-4453 or Fax: 610-279-6299 Please call for current prices.

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300 PSI PROOF PRESSURE

150 PSI SERVICE TEST PRESSURE

135 PSI WORKING PRESSURE

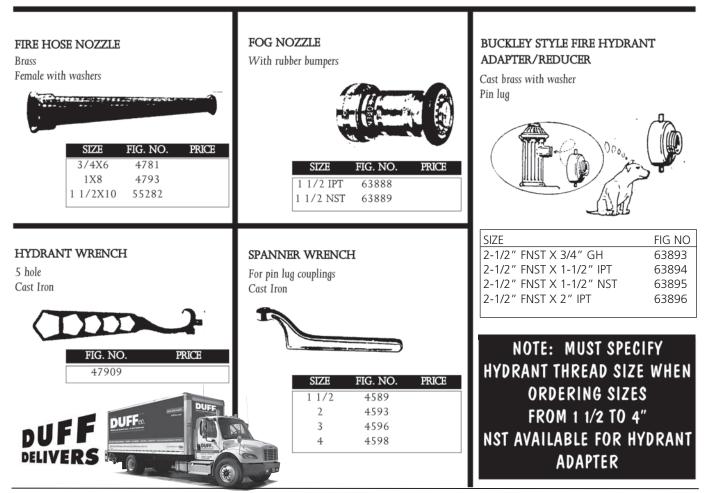




UNCOUPLED - per foot

COUPLED - per 50' length

	SIZE	FIG. NO.	PRICE
	1 1/2	." 11354	
348	2"		
352	3"		
	4"		
	348 352	348     2"       352     3"	348     2"       352     3"



For additional information call: 610-275-4453 or Fax: 610-279-6299. Please call for current prices.

# How to Order

## Submit your order online or email info@duffco.com

## Be sure to include product numbers descriptions quantities

Don't forget to include your name!

### ORDER FORM

### DUFF CO.

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> 201 EAST LAFAYETTE STREET, P.O. BOX 618, NORRISTOWN, PA 19401 PHONE: 610-275-4453 FAX: 610-279-6299



SOLD TO:	SHIP TO:

YOUR NAME:

PURCHASE ORDER NO.

TODAY'S DATE: \_\_\_\_\_

REQUIRED DATE: \_\_\_\_\_

QTY	FIG. NO.	DESCRIPTION	PRICE/EA	TOTAL

DWC

 $\label{eq:terms:$ 

Products for Quality Water

All accounts are to be paid in full to Duff Supply Company monthly by the tenth (10<sup>th</sup>) day of the month following invoice date, a 1% service charge and a 1% interest charge will be made on any balance open at the end of the month following invoice, and in the event that legal action or lien be undertaken, or the service of a collection agency are used to collet this account, the customer shall pay all expenses incurred by Duff Supply Company, such as, but not limited to, costs and collection, legal and lien fees.

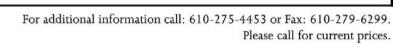
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QTY	FIG. NO.	DESCRIPTION	PRICE/EA	TOTAL
s - 14 marcia				
	1 1			
		To Treaters		
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1				
991113				









\_Contact Date\_\_\_\_\_

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	DUFF CO 201 East Lafay Norristown,	vette Street	
	Phone: <b>610-275-4453</b>	Fax: <b>610-279-6761</b>	
Legal Name			
Name in which business is cond	ucted		
Billing Address			
City		State	Zip
Purchasing Phone	A/P Phone		Fax
Princinal's Name	***	• •	
Principal's Address			Zip
			ess
Website address (If applicable)_			
	<b>***</b>		
	SHIPPING ADDRES	SS - IF DIFFERENT	
Shipping Address			Phone
			Zip
Tax Exempt Number Exempt Account without certifi	Prov		
	***	<b>*</b>	
	TYPE OF B		
Hospital Factory (OEM	) Factory (Mtnd) _	Office Building	Apts Well Drilling Shopping Center e name)
Have you been contacted by on	e of our salesman?	_Name	
If YES, please explain			
Name of person authorized to p	pick up		
D&B Rating Check	one: Corporation	Partnership	_ Individual Proprietor

If division of another company, name parent company and relationship\_\_\_\_\_\_

### **DUFF COMPANY**

201 East Lafayette Street, Norristown, PA 19401

TRADE REFERENCES

Name	Ту	pe of business
Address		
City	State	Zip
	****	
Name	Ту	pe of business
Address		
City	State	Zip
Phone	Fax	
	****	
Name	Ту	pe of business
Address		
City	State	Zip
Phone	Fax	
	****	
Bank reference		
Branch Address		
City	State	Zip
Branch officer who handles accou	nt	
application is correct, that all accounts are t that a 1% service charge and a 1% interest in the event that legal action or lien be tak	to be paid in full to Duff Company monthly by t t charge will be made an any balance open at t	ned hereby agrees that all information supplied in this he tenth day of the month following the invoice date, he end of the month following invoice date, and that ed to collect this account, the undersigned shall pay all ad legal fees.
Applicant (Name of Account)		
Ву	Title	
The undersigned	and and personally unconditional and other obligations (as set forth above) of the	ly guarantee, warrant and promise the full and e applicate in connection with any credit extended to
Principal Witness	Principal's Spouse	Witness
Principal Witness	Principal's Spouse	Witness
We routinely fax invoices to our custo	mers. Please provide a fax number where PLEASE FAX FORM TO 610-275-676	
*As appropriate, we may also require the guara	antee of a principal and, in some cases, the principal's	
Credit Limit: Tax Jurisdiction: Salesman:		Type: Controller: