



HOSES



FLEX LANCES

HOSES & LANCES

Jetstream provides a full arrangement of hoses and flex lances for ultra high pressure waterblasting. The hoses and lances are designed to be durable and reliable for any 40,000 psi application. A large selection of 25', 35' and 50' hoses and lances are kept in inventory, while a wide variety of lengths can be ordered.

All hoses and flex lances are constructed of a plastic core reinforced with high tensile steel wire and enclosed in a durable, flexible thermoplastic jacket. The smooth plastic core minimizes pressure loss and offers maximum resistance to damage caused by aging, moisture absorption and changing environmental factors. As an added safety benefit, all supply hoses with the abrasion cover spiral will be colored orange. Beginning in 2015, all flex lances supplied will be orange from end to end.

A key element of the thermoplastic supply hose is the heavy-duty abrasion cover. This cover prevents excess damage caused by vibration and movement of the hose on rough or uneven surfaces when connecting from the pump to an intermediary high pressure tool, such as a Tumble Box.

The flex lances are uncovered lances used for the cleaning of small diameter tubes found in heat exchangers, condensers and boilers. The use of smaller flex lances allows for easy passage through bends due to great flexibility and minimal bend radius.

HOW TO ORDER JETSTREAM HOSES & FLEX LANCES EXAMPLE: 28460-AAABCCX

- 1

Specify series number

Insert dash after series number.

28460

- 2

Specify desired length in feet (000 – 999)

Example: 050 for a 50 ft. long hose.

AAA

- 3

Specify end fitting codes (BB & CC)

For a hose or lance requiring two different end fittings, list the codes in numerical order when creating the part number.

BB
CC

- 4

Specify cover options code (X)

Leave blank if no cover is desired.

Cover Option Codes

 - 1 Abrasion Cover Guard
 - 2 Burst Shield Guard
 - 3 Tornado Gun Shield (See 27731-02539393)

X

● Available

CONNECTION SIZE & TYPE	FITTING CODE	HOSE ID (MM)			
		4mm	5mm	6mm	8mm
1/4" HP Male	31	●	●		
3/8" HP Male	32	●	●		
9/16" HP Male	33		●	●	●
9/16" Type M Female	39	●	●	●	
7/8" Type M Female	41				●
1 1/8" Type M Female	43				●

End Fitting Codes*

*See Pages I-4 to I-6 for a description of each connection type.

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General purpose hoses are used to distribute high pressure water throughout the system.

- Safety whips are six foot hoses that are connected between a waterblast control gun and the rest of the hoses. These are intended for periodic replacement to ensure that the hose near the gun operator's body is always in good condition.
- Hydro-Throttle hoses are connected from the fluid end to the hydraulic throttle control.

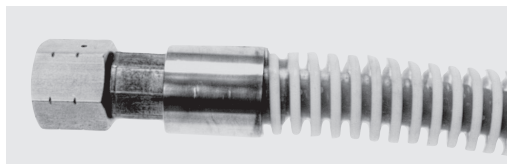
PART NO.	END FITTING CONNECTION*	LENGTH		INSIDE DIAMETER		MAX. OPERATING PRESSURE		MIN. BEND RADIUS	
		ft	m	in	mm	psi	bar	in	mm
27731-02539391	9/16" Type M Female	25	7.6	.20	5	40,600	2,800	8.7	220
27731-05039391	9/16" Type M Female	50	15.2	.20	5	40,600	2,800	8.7	220
29172-02539391	9/16" Type M Female	25	7.6	.20	5	40,000	2,750	9.8	249
29172-05039391	9/16" Type M Female	50	15.2	.20	5	40,000	2,750	9.8	249
70346-02539391	9/16" Type M Female	25	7.6	.23	6	40,600	2,800	9.8	250
70346-05039391	9/16" Type M Female	50	15.2	.23	6	40,600	2,800	9.8	250
59469-02541411	7/8" Type M Female	25	7.6	.32	8	40,000	2,750	11.8	300
59469-05041411	7/8" Type M Female	50	15.2	.32	8	40,000	2,750	11.8	300
59469-02533331	9/16" HP Male	25	7.6	.32	8	40,000	2,750	11.8	300
59469-05033331	9/16" HP Male	50	15.2	.32	8	40,000	2,750	11.8	300
27524-02541411	7/8" Type M Female	25	7.6	.32	8	36,250	2,500	10.3	260
27524-05041411	7/8" Type M Female	50	15.2	.32	8	36,250	2,500	10.3	260
28612-02541411	7/8" Type M Female	25	7.6	.32	8	40,580	2,799	9.8	250
28612-05041411	7/8" Type M Female	50	15.2	.32	8	40,580	2,799	9.8	250
28612-02533331	9/16" HP Male	25	7.6	.32	8	40,580	2,799	9.8	250
28612-05033331	9/16" HP Male	50	15.2	.32	8	40,580	2,799	9.8	250
27731-00639392	9/16" Type M Female	6	1.8	.20	5	40,600	2,800	8.7	220
59469-00641412	7/8" Type M Female	6	1.8	.32	8	40,000	2,750	11.8	300
27524-00641412	7/8" Type M Female	6	1.8	.32	8	36,250	2,500	10.3	260

*See Page D-3—D-4 for end fitting dimensions and cover descriptions. See Pages I-4 to I-6 for a description of each connection type.

HOSE COVER OPTIONS

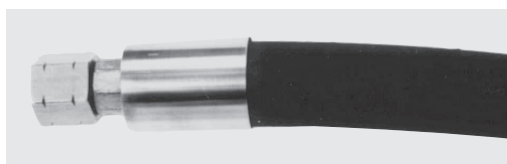
Abrasion Cover Guard (Code 1)

Constructed of a clear PVC or heavy-duty vinyl and reinforced with a rigid helix coil. The Abrasion Cover Guard helps protect the hose from excessive wear due to scuffing or rough surfaces, and also provides additional protection from external objects.



Burst Shield Guard (Code 2)

Constructed of steel wire reinforced heavy-duty synthetic rubber. The Burst Shield Guard helps protect the user and/or surrounding areas from hose failures.



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40,000 PSI



FLEX LANCES

Flex Lances are uncovered flexible hoses used for the cleaning of small diameter tubes such as those found in:

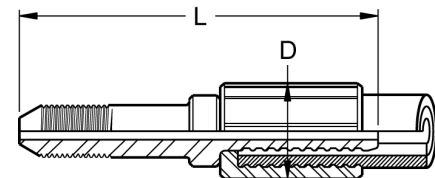
- Heat Exchangers
- Condensers
- Boilers

PART NO.	END FITTING CONNECTION (INLET SIDE)*	END FITTING CONNECTION (NOZZLE SIDE)*	LENGTH		INSIDE DIAMETER		MAX. OUTSIDE DIAMETER**		MAX. OPERATING PRESSURE		MIN. BEND RADIUS	
			ft	m	in	mm	in	mm	psi	bar	in	mm
59736-0503139	9/16" Type M Female	1/4" HP Male	50	15.2	.12	3	.60	15.3	40,600	2,800	5.91	150
28460-0503131	1/4" HP Male	1/4" HP Male	50	15.2	.16	4	.67	17.1	40,600	2,800	6.9	175
28460-0253239	9/16" Type M Female	3/8" HP Male	25	7.6	.16	4	.67	17.1	40,600	2,800	6.9	175
28460-0353239	9/16" Type M Female	3/8" HP Male	35	10.7	.16	4	.67	17.1	40,600	2,800	6.9	175
28460-0503239	9/16" Type M Female	3/8" HP Male	50	15.2	.16	4	.67	17.1	40,600	2,800	6.9	175
28460-0253232	3/8" HP Male	3/8" HP Male	25	7.6	.16	4	.67	17.1	40,600	2,800	6.9	175
28460-0353232	3/8" HP Male	3/8" HP Male	35	10.7	.16	4	.67	17.1	40,600	2,800	6.9	175
28460-0503232	3/8" HP Male	3/8" HP Male	50	15.2	.16	4	.67	17.1	40,600	2,800	6.9	175
28082-0033939	9/16" Type M Female	9/16" Type M Female	3	0.91	.20	5	.78	19.7	40,600	2,800	8.7	220
27731-0253339	9/16" Type M Female	9/16" HP Male	25	7.6	.20	5	.78	19.7	40,600	2,800	8.7	220
27731-0353339	9/16" Type M Female	9/16" HP Male	35	10.7	.20	5	.78	19.7	40,600	2,800	8.7	220
27731-0503339	9/16" Type M Female	9/16" HP Male	50	15.2	.20	5	.78	19.7	40,600	2,800	8.7	220
27731-0253333	9/16" HP Male	9/16" HP Male	25	7.6	.20	5	.78	19.7	40,600	2,800	8.7	220
27731-0353333	9/16" HP Male	9/16" HP Male	35	10.7	.20	5	.78	19.7	40,600	2,800	8.7	220
27731-0503333	9/16" HP Male	9/16" HP Male	50	15.2	.20	5	.78	19.7	40,600	2,800	8.7	220
70346-0503339	9/16" Type M Female	9/16" HP Male	50	15.2	.23	6	.65	16.4	40,600	2,800	9.84	250
70346-0353339	9/16" Type M Female	9/16" HP Male	35	10.7	.23	6	.65	16.4	40,600	2,800	9.84	250

*See Pages I-4 to I-6 for a description of each connection type. ** Sleeve O.D.

END FITTINGS HIGH PRESSURE (HP)

HOSE SERIES	SIZE	L	SLEEVE OD (D)	WEAR GUARD DIAMETER	GUARD SLEEVE DIAMETER
28460	1/4"	3.31	.66	.98	.95
	3/8"	3.34	.66	.98	.95
27731	1/4"	3.43	.73	1.00	1.07
	3/8"	3.90	.73	1.00	1.07
	9/16"	3.90	.73	1.00	1.07
27524	3/8"	3.78	.96	1.27	1.34
	9/16"	4.25	.96	1.27	1.34
59469	3/8"	3.78	1.09	1.40	1.47
	9/16"	4.25	1.09	1.40	1.47
28612	9/16"	5.13	1.10	1.27	1.49
70346	9/16"	2.96	.88	1.00	1.07

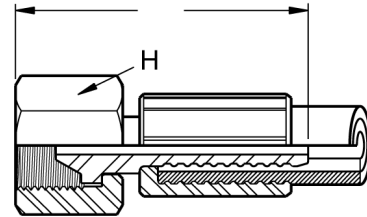


HOSES & LANCES

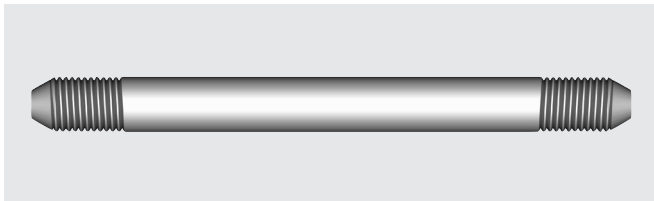
END FITTINGS

TYPE M

HOSE SERIES	SIZE	L	SLEEVE OD (D)	WEAR GUARD DIAMETER	GUARD SLEEVE DIAMETER
28460	9/16"	2.50	.75	.98	.95
27731	9/16"	2.96	.88	1.00	1.07
70346	9/16"	2.96	.88	1.00	1.07
27524	7/8"	3.65	1.19	1.27	1.34
59469	7/8"	3.65	1.19	1.40	1.47
28612	7/8"	4.43	1.25	1.27	1.49
29172	9/16"	4.65	1.00	1.24	1.50



HOSES & LANCES



RIGID LANCES

Made from high tensile strength cold drawn stainless steel. Typically used in the following applications:

- Heat exchanger tube cleaning.
- Small diameter tube and pipe cleaning.

PART NO.	CONNECTION TYPE		OUTSIDE DIAMETER		INSIDE DIAMETER		MAX. PRESSURE		LENGTH
	CONNECTION 1	CONNECTION 2	in	mm	in	mm	psi	bar	ft
53831-XX	1/4" HP LH	1/4" HP LH	.245	6.22	.083	2.11	60,000	4,138	02 - 30
54364-XX	1/4" HP RH	1/4" HP RH	.245	6.22	.083	2.11	60,000	4,138	02 - 30
54554-XX	1/4" HP LH	1/4" HP RH	.245	6.22	.083	2.11	60,000	4,138	02 - 25
54224-XX	3/8" HP LH	3/8" HP LH	.368	9.35	.125	3.18	60,000	4,138	02 - 30
54225-XX	3/8" HP RH	3/8" HP RH	.368	9.35	.125	3.18	60,000	4,138	02 - 35
54556-XX	3/8" HP LH	3/8" HP RH	.368	9.35	.125	3.18	60,000	4,138	02 - 25
23-54556-30	3/8" HP LH	3/8" HP RH	.368	9.35	.125	3.18	60,000	4,138	30
54226-XX	9/16" HP LH	9/16" HP LH	.553	14.05	.188	4.78	60,000	4,138	02 - 30
54227-XX	9/16" HP RH	9/16" HP RH	.553	14.05	.188	4.78	60,000	4,138	02 - 30
54557-XX	9/16" HP LH	9/16" HP RH	.553	14.05	.188	4.78	60,000	4,138	02 - 30
54228-XX	9/16" HP LH	9/16" HP LH	.553	14.05	.250	6.35	40,000	2,758	02 - 30
54229-XX	9/16" HP RH	9/16" HP RH	.553	14.05	.250	6.35	40,000	2,758	02 - 30
54558-XX	9/16" HP LH	9/16" HP RH	.553	14.05	.250	6.35	40,000	2,758	02 - 25
23-54558-30	9/16" HP LH	9/16" HP RH	.553	14.05	.250	6.35	40,000	2,758	30