

HOSE WHIP RESTRAINT

Perhaps the simplest and least expensive safety measure to implement, hose whip restraints prevent injury by restraining the hose in the event of an end fitting failure.

A hose whip restraint can be attached at any point where two hoses are joined, to a pump's fluid end at the discharge side, or where a hose attaches to any piece of waterjetting equipment.



NOTE: Proper installation is essential. Never exceed safe working load. Follow manufacturer's recommendations and ratings.

STEEL WHIP RESTRAINT

Manufactured from stainless high tensile wire rope with spring-loaded retainers for easy installation and removal.



STEEL WHIP RESTRAINT

21" (533 MM) • PART NO. ACWC SS-21

NYLON HOSE WHIP RESTRAINT

Made from durable strap with extra-heavy stitching. Fits any high pressure hose.



NYLON HOSE WHIP RESTRAINT

31" (787 MM) • PART NO. ACWC NY-31

44" (1118 MM) • PART NO. ACWC NY-44

LUBRICANTS

MSDS sheets are available for all lubricants.

LUBRICANT	PART NUMBER	QTY	DESCRIPTION
VISCOUS FLUID	BJ 048-X*	6 oz.	Synthetic Silicone Lubricant
AIR MOTOR OIL	GP 041	32 oz.	Almo 525/ISO 46/SAE 10
AUTO TRANS. FLUID	GP 042	32 oz.	Mercon®/Dexron® ATF
ANTI-SEIZE	GP 043	2 oz.	Blue Goop®
MOTOR OIL	GP 044	32 oz.	10W-40
GEARBOX LUBE	GP 046	32 oz.	80W-85W-90
THREAD SEALANT	GP 047	4 oz.	ThreadMate®
GREASE	GP 048	14 oz.	Synthetic Grease SHC 100

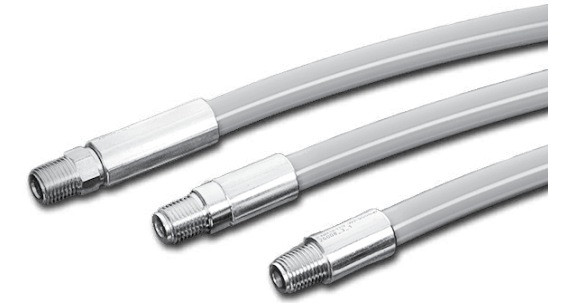


* Please specify "fast" or "slow" for the type of viscous fluid needed.

HOSES 15K PSI (1000 BAR)

FLEX LANCES

Used for the cleaning of small diameter tubes such as those found in heat exchangers, condensers, and boilers.



- Flex lances have a small minimum bend radius which allows them to pass through bends in the tubes
- Stainless steel end fittings
- Custom lengths and end fitting combinations are available upon request

1/16 NPT THREADED LANCES	END FITTING 1	END FITTING 2	LENGTH		INSIDE DIAMETER		OUTSIDE DIAMETER		CRIMP DIAMETER		MAWP PSI / BAR		WEIGHT		MIN. BEND RAD	
			ft	m	in	mm	in	mm	in	mm	psi	bar	lb/ft	kg/m	in	mm
ACHO H32025F1/16	1/16" NPT Male	1/16" NPT Male	25	7.62	0.13	3	0.27	7	0.35	9	14500	1000	0.048	0.072	2.36	60
ACHO H32035F1/16	1/16" NPT Male	1/16" NPT Male	35	10.7	0.13	3	0.27	7	0.35	9	14500	1000	0.048	0.073	2.36	60
ACHO H32050F1/16	1/16" NPT Male	1/16" NPT Male	50	15.25	0.13	3	0.27	7	0.35	9	14500	1000	0.048	0.074	2.36	60
ACHO H42025F1/16	1/16" NPT Male	1/16" NPT Male	25	7.62	0.16	4	0.31	8	0.39	10.1	15000	1000	0.074	0.110	2.95	75
ACHO H42035F1/16	1/16" NPT Male	1/16" NPT Male	35	10.7	0.16	4	0.31	8	0.39	10.1	15000	1000	0.074	0.111	2.95	75
ACHO H42050F1/16	1/16" NPT Male	1/16" NPT Male	50	15.25	0.16	4	0.31	8	0.39	10.1	15000	1000	0.074	0.112	2.95	75

1/8 NPT THREADED LANCES	END FITTING 1	END FITTING 2	LENGTH		INSIDE DIAMETER		OUTSIDE DIAMETER		CRIMP DIAMETER		MAWP PSI / BAR		WEIGHT		MIN. BEND RAD	
			ft	m	in	mm	in	mm	in	mm	psi	bar	lb/ft	kg/m	in	mm
ACHO H42025F1/8	1/8" NPT Male	1/8" NPT Male	25	7.62	0.16	4	0.31	8	0.39	10.1	17400	1200	0.074	0.110	2.95	75
ACHO H42035F1/8	1/8" NPT Male	1/8" NPT Male	35	10.7	0.16	4	0.31	8	0.39	10.1	17400	1200	0.074	0.111	2.95	75
ACHO H42050F1/8	1/8" NPT Male	1/8" NPT Male	50	15.25	0.16	4	0.31	8	0.39	10.1	17400	1200	0.074	0.112	2.95	75
ACHO H52025F1/8	1/8" NPT Male	1/8" NPT Male	25	7.62	0.2	5	0.37	9.4	0.5	12.9	15080	1040	0.084	0.125	3.74	95
ACHO H52035F1/8	1/8" NPT Male	1/8" NPT Male	35	10.7	0.2	5	0.37	9.4	0.5	12.9	15080	1040	0.084	0.126	3.74	95
ACHO H52050F1/8	1/8" NPT Male	1/8" NPT Male	50	15.25	0.2	5	0.37	9.4	0.5	12.9	15080	1040	0.084	0.127	3.74	95

1/4 NPT THREADED LANCES	END FITTING 1	END FITTING 2	LENGTH		INSIDE DIAMETER		OUTSIDE DIAMETER		CRIMP DIAMETER		MAWP		WEIGHT		MIN. BEND RAD	
			ft	m	in	mm	in	mm	in	mm	psi	bar	lb/ft	kg/m	in	mm
ACHO H62025F1/4	1/4" NPT Male	1/4" NPT Male	25	7.62	0.25	6.3	0.45	11.5	.54	13.9	14500	1000	0.117	0.175	4.3	110
ACHO H62035F1/4	1/4" NPT Male	1/4" NPT Male	35	10.7	0.25	6.3	0.45	11.5	.54	13.9	14500	1000	0.117	0.176	4.3	110
ACHO H62050F1/4	1/4" NPT Male	1/4" NPT Male	50	15.25	0.25	6.3	0.45	11.5	.54	13.9	14500	1000	0.117	0.177	4.3	110

3/8 NPT THREADED LANCES	END FITTING 1	END FITTING 2	LENGTH		INSIDE DIAMETER		OUTSIDE DIAMETER		CRIMP DIAMETER		MAWP		WEIGHT		MIN. BEND RAD	
			ft	m	in	mm	in	mm	in	mm	psi	bar	lb/ft	kg/m	in	mm
ACHO H82025F3/8	3/8" NPT Male	3/8" NPT Male	25	7.62	0.32	8.1	.52	13.3	0.7	17.8	13500	900	0.134	0.200	5.12	130
ACHO H82035F3/8	3/8" NPT Male	3/8" NPT Male	35	10.7	0.32	8.1	.52	13.3	0.7	17.8	13500	900	0.134	0.201	5.12	130
ACHO H82050F3/8	3/8" NPT Male	3/8" NPT Male	50	15.25	0.32	8.1	.52	13.3	0.7	17.8	13500	900	0.134	0.202	5.12	130

TYPE M X NPT THREADED LANCES	END FITTING 1	END FITTING 2	LENGTH		INSIDE DIAMETER		OUTSIDE DIAMETER		CRIMP DIAMETER		MAWP PSI / BAR		WEIGHT		MIN. BEND RAD	
			ft	m	in	mm	in	mm	in	mm	psi	bar	lb/ft	kg/m	in	mm
ACHO H32035FTM1/16	9/16" Type M	1/16" NPT Male	35	10.7	0.13	3	0.27	7	0.35	9	14500	1000	0.048	0.074	2.36	60
ACHO H42035FTM41/16	9/16" Type M	1/16" NPT Male	35	10.7	0.16	4	0.31	8	0.39	10.1	17400	1200	0.074	0.112	2.95	75
ACHO H42050FTMS1/8	9/16" Type M	1/8" NPT Male	50	15.25	0.16	4	0.31	8	0.39	10.1	17400	1200	0.074	0.112	2.95	75
ACHO H42035FTM4HPS	9/16" Type M	1/4"-28 Left Male	35	10.7	0.16	4	0.31	8	0.39	10.1	17400	1200	0.074	0.112	2.95	75
ACHO H42050FTM4HPS	9/16" Type M	1/4"-28 Left Male	50	15.25	.16	4	.31	8	.39	10.1	17400	1200	0.074	0.112	2.95	75