

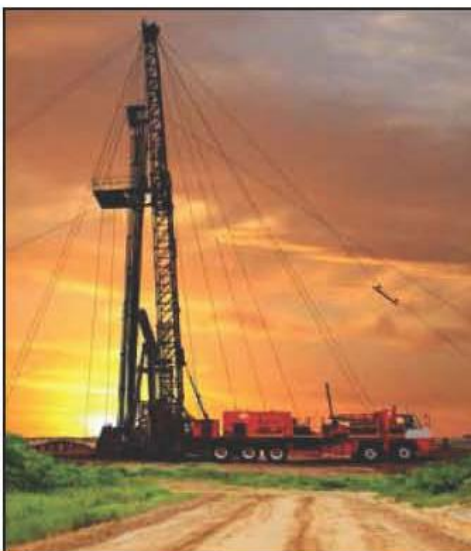


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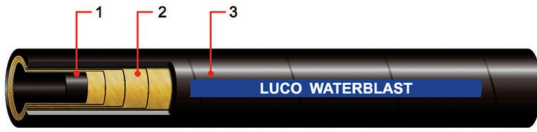
LUCO HOSE CO, LTD

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Waterblast Hose and Fitting



- 1- Synthetic Rubber Tube
- 2- Four or Six High Tensile Steel Wire Spirals
- 3- Synthetic Rubber Cover

Tube: Oil resistant, synthetic rubber

Reinforcement: Multiple Spiral Technology

Cover: Oil and weather resistant synthetic rubber

Temperature: -40° F / +212° F, Intermittent use up to 250° F

Application: Water blasting market

Key Note: Waterblasting market

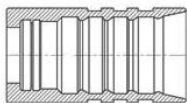
Part Number	Hose I.D.	Hose O.D.		Working Pressure		Burst Pressure		Min. Bend Radius		Weight
	(in)	(in)	(mm)	(MPa)	(psi)	(MPa)	(psi)	(in)	(mm)	(lbs/ft)
LH-WB-06-12K	3/8	0.81	20.5	82.8	12,000	206.9	30,000	6.0	152	0.51
LH-WB-08-12K	1/2	1.00	25.5	82.8	12,000	206.9	30,000	8.0	203	0.61
LH-WB-12-12K	3/4	1.26	32.0	82.8	12,000	206.9	30,000	11.0	280	1.20
LH-WB-06-15K	3/8	0.92	23.4	103.4	15,000	258.6	37,500	6.0	152	0.57
LH-WB-08-15K	1/2	1.05	26.7	103.4	15,000	258.6	37,500	8.0	203	0.85
LH-WB-12-15K	3/4	1.79	45.4	103.4	15,000	258.6	37,500	11.0	280	1.20
LH-WB-06-18K	3/8	0.89	22.5	124.1	18,000	310.3	45,000	6.0	152	0.57
LH-WB-08-21K	1/2	1.12	28.5	144.8	21,000	362.1	52,500	8.0	203	1.17

Waterblast Fitting



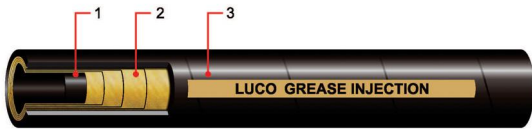
Part Number	Hose I.D. (in)	Material	Thread
WB-NPT-08-08-15K	1/2"	Carbon Steel	1/2" NPT
WB-NPT-08-08-15K-SS	1/2"	Stainless Steel	1/2" NPT

Ferrule



Part Number	Hose I.D. (in)	Material
WB-Ferrule-08-15K	1/2"	Carbon Steel
WB-Ferrule-08-15K-SS	1/2"	Stainless Steel

Grease Injection Hose and Fitting



- 1- Synthetic Rubber Tube
- 2- Four High Tensile Steel Wire Spirals
- 3- Synthetic Rubber Cover

Tube: Oil resistant, synthetic rubber

Reinforcement: Multiple Spiral Technology

Cover: Oil and weather resistant synthetic rubber

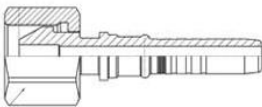
Temperature: -40° F / +213° F, Intermittent use up to 250° F

Application: Grease injection, glycol, traces of sour gas

Key Note: Used in wire line market for grease injection services. Hose cover must be pin pricked when being used with sour gas

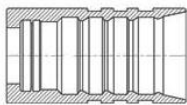
Part Number	Hose I.D.	Hose O.D.		Working Pressure		Burst Pressure		Min. Bend Radius		Weight
	(in)	(in)	(mm)	(MPa)	(psi)	(MPa)	(psi)	(in)	(mm)	(lbs/ft)
LH-GI-08-15K	1/2"	1.02	26	103.4	15,000	258.6	37,500	9.06	230	1.3

Grease Injection Fitting



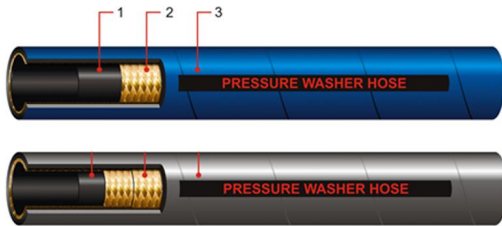
Part Number	Hose I.D. (in)	Material	Thread
GI-NPT-08-08-15K	1/2"	Carbon Steel	1/2" NPT
GI-M16FX-08	1/2"	Carbon Steel	1" Type M Swivel
GI-NPT-08-08-15K-SS	1/2"	Stainless Steel	1/2" NPT
GI-M16FX-08-SS	1/2"	Stainless Steel	1" Type M Swivel

Ferrule



Part Number	Hose I.D. (in)	Material
GI-Ferrule-08-15K	1/2"	Carbon Steel
GI-Ferrule-08-15K-SS	1/2"	Stainless Steel

Pressure Washer Hose and Assembly



- 1- Synthetic Rubber Tube
- 2- One or Two High Tensile Steel Wire Braids
- 3- Synthetic Rubber Cover

Tube: Oil resistant, synthetic rubber

Reinforcement: One or two braids of high tensile textile fiber

Cover: Oil and weather resistant synthetic rubber

Temperature: -40° F / +212° F, Intermittent use up to 250° F

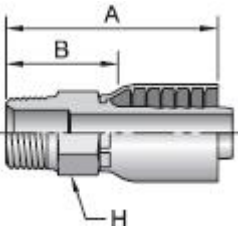
Application: Mineral oils, vegetable and rape seed oils, glycol and poly glycol based oils, synthetic ester based oils, oils in aqueous emulsion, water, diesel fuel, gasoline

Key Note: Used on hot and cold water high pressure cleaning equipment

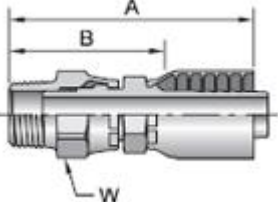
Part Number	Hose I.D.	Hose O.D.		Working Pressure		Burst Pressure		Min. Bend Radius		Weight
	(in)	(in)	(mm)	(MPa)	(psi)	(MPa)	(psi)	(in)	(mm)	(lbs/ft)
LH-PWH-04-3K	1/4	0.48	12.1	21.0	3,000	84.0	12,000	3.94	100	0.12
LH-PWH-04-4K	1/4	0.48	12.1	28.0	4,000	100.0	14,400	3.94	100	0.12
LH-PWH-04-5K	1/4	0.53	13.5	35.0	5,000	140.0	20,000	3.94	100	0.20
LH-PWH-04-6K	1/4	0.53	13.5	41.5	6,000	166.0	24,000	3.94	100	0.20
LH-PWH-06-3K	3/8	0.61	15.5	21.0	3,000	80.0	11,600	5.12	130	0.17
LH-PWH-06-4K	3/8	0.67	16.9	28.0	4,000	112.0	16,000	5.12	130	0.27
LH-PWH-06-5K	3/8	0.67	16.9	35.0	5,000	140.0	20,000	5.12	130	0.27
LH-PWH-06-6K	3/8	0.67	16.9	41.5	6,000	145.0	21,000	5.12	130	0.27
LH-PWH-08-3K	1/2	0.73	18.5	21.0	3,000	69.0	10,000	7.09	180	0.21
LH-PWH-08-4K	1/2	0.78	19.9	28.0	4,000	112.0	16,000	7.09	180	0.33
LH-PWH-08-5K	1/2	0.78	19.9	35.0	5,000	123.0	17,800	7.09	180	0.33

	Part Number	Hose I.D.	Working Pressure	Length	Fitting Type
		(in)	(psi)	ft	
	LH-PWHA-04-3K	1/4	3,000	25/50/100	PWH-MNPTF-04-04 PWH-MNPTF-S-04-04
	LH-PWHA-04-4K	1/4	4,000	25/50/100	
	LH-PWHA-04-5K	1/4	5,000	25/50/100	
	LH-PWHA-04-6K	1/4	6,000	25/50/100	
	LH-PWHA-06-3K	3/8	3,000	25/50/100	PWH-MNPTF-06-06 PWH-MNPTF-S-06-06
	LH-PWHA-06-4K	3/8	4,000	25/50/100	
	LH-PWHA-06-5K	3/8	5,000	25/50/100	
	LH-PWHA-06-6K	3/8	6,000	25/50/100	
	LH-PWHA-08-3K	1/2	3,000	25/50/100	PWH-MNPTF-08-08 PWH-MNPTF-S-08-08
	LH-PWHA-08-4K	1/2	28.0	25/50/100	
	LH-PWHA-08-5K	1/2	5,000	25/50/100	

NPTF Male - Rigid

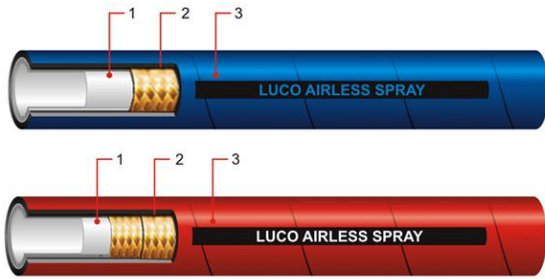
	Part Number	Hose I.D. x Male NPTF	Dimensions(in)		
			A	B	HEX
	PWH-MNPTF-04-04	1/4"*1/4"	2.01	1.26	0.56
	PWH-MNPTF-06-06	3/8"*3/8"	2.37	1.34	0.75
	PWH-MNPTF-08-08	1/2"*1/2"	2.84	1.58	0.87

NPTF Male – Swivel

	Part Number	Hose I.D. x Male NPTF	Dimensions(in)		
			A	B	W
	PWH-MNPTF-S-04-04	1/4"*1/4"	2.68	1.93	0.63
	PWH-MNPTF-S-06-06	3/8"*3/8"	3.08	2.05	0.75
	PWH-MNPTF-S-08-08	1/2"*1/2"	3.52	2.26	0.87



Airless Paint Spray Hose and Assembly



- 1- Nylon Tube
- 2- One or Two High Tensile Steel Wire Braids
- 3- Polyurethane Cover

Tube: Seamless nylon Liner

Reinforcement: One or two wire braids

Cover: Abrasion and chemical resistant polyurethane cover

Temperature: -40° F / +212° F, Intermittent use up to 250° F

Application: Used on the most airless spray equipment between the airless pump and the airless spray gun, excluding handheld airless paint sprayers which naturally do not use high pressure airless paint hose.

Key Note: Compatible with most paints, coating and solvents

Part Number	Hose I.D.	Hose O.D.		Working Pressure		Burst Pressure		Min. Bend Radius		Weight
	(in)	(in)	(mm)	(MPa)	(psi)	(MPa)	(psi)	(in)	(mm)	(lbs/ft)
LH-APS-04	1/4	0.45	11.3	25.0	3,600	100.0	14,400	1.18	30	0.10
LH-APS-06	3/8	0.67	17.1	25.0	3,600	100.0	14,400	2.76	70	0.27
LH-APS-08	1/2	0.75	19.0	18.0	2,600	64.0	9,280	3.15	80	0.20

	Part Number	Hose I.D.	Working Pressure	Length	Fitting Type
		(in)	(psi)	ft	
	LH-APSH-04	1/4	3,600	25/50/100/200	Female NPT/PF fitting
	LH-APSH-06	3/8	3,600	25/50/100/200	Female NPT/PF fitting
	LH-APSH-08	1/2	2,600	25/50/100/200	Female NPT/PF fitting

Ceramic Hose



- 1- EPDM Rubber Tube with Ceramic Chip
- 2- Polyester Fabric and Helix Steel Wire
- 3- Synthetic Rubber Cover

Tube: EPDM rubber with ceramic chip lining inside

Reinforcement: Polyester fabric and helix steel wire

Cover: Wear resistant synthetic rubber

Temperature: -4° F / +250° F

Application: Used for transporting the industrial waste and some material, such as dry or wet cement, slurry, coal powder, fuel by-waste material, minerals, something with sharp-angled, liquid or solid, etc.

Key Note: High wear resistant and flexibility

Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Min. Bend Radius		Length
	(in)	(in)	(mm)	(bar)	(psi)	(bar)	(psi)	(in)	(mm)	(ft)	
LH-CERAMIC-025	1	1.7	42	10	150	30	450	12.0	300	65	
LH-CERAMIC-032	1 1/4	2.0	50	10	150	30	450	15.0	380	65	
LH-CERAMIC-038	1 1/2	2.2	56	10	150	30	450	19.0	480	65	
LH-CERAMIC-050	2	2.8	72	10	150	30	450	24.0	600	65	
LH-CERAMIC-065	2 1/2	3.7	94	10	150	30	450	31.0	780	65	
LH-CERAMIC-075	3	4.1	105	10	150	30	450	35.0	900	65	
LH-CERAMIC-090	3 1/2	4.7	120	10	150	30	450	43.0	1,080	65	
LH-CERAMIC-100	4	5.5	140	10	150	30	450	47.0	1,200	65	
LH-CERAMIC-125	5	6.3	160	10	150	30	450	59.0	1,500	65	
LH-CERAMIC-150	6	7.5	190	10	150	30	450	71.0	1,800	65	
LH-CERAMIC-200	8	9.3	235	10	150	30	450	94.0	2,400	65	
LH-CERAMIC-250	10	11.4	290	10	150	30	450	118.0	3,000	65	
LH-CERAMIC-300	12	13.8	350	10	150	30	450	142.0	3,600	65	

Composite Hose – Petroleum Service



Inner Wire: Galvanized steel (G)

Internal Liner: Polypropylene fabric

Hose Wall: Multiple layers of fabric/film/tubes

Cover: Blue PVC-covered polyester

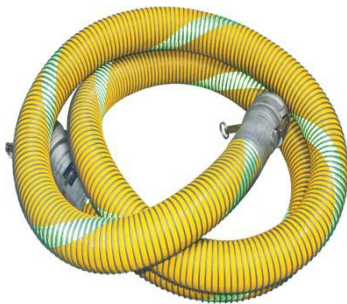
Outer Wire: Galvanized steel (G)

Temp Range: -40F to +212F

Applications: Transfer of oil, gasoline, diesel fuel, 100% aromatics, and other petroleum products.

Part Number	Hose I.D.	Working Pressure	Bursting Pressure	Min. Bend Radius	Weight	Standard Length
	(in)	(psi)	(psi)	(in)	(lbs/ft)	(ft)
LH-GGW-025	1	200	800	3	0.50	80
LH-GGW-040	1 1/2	200	800	4	0.84	80
LH-GGW-050	2	200	800	7	1.08	80
LH-GGW-075	3	200	800	11	2.02	80
LH-GGW-100	4	200	800	15	3.49	80
LH-GGW-150	6	200	800	22	7.73	80
LH-GGW-200	8	200	800	28	11.76	80
LH-GGW-250	10	200	800	35	13.44	80
LH-GGW-300	12	200	800	40	15.46	80

Composite Hose – Chemical Service



Inner Wire: Polypropylene coated steel (P)

Internal Liner: Polypropylene fabric

Hose Wall: Multiple layers of fabric/film/tubes

Cover: Yellow PVC-covered polyester

Outer Wire: Galvanized steel (G)

Temp Range: -40F to +212F

Applications: Chemicals, inks, paints, plant processing, rail cars, tank truck

Part Number	Hose I.D.	Working Pressure	Bursting Pressure	Min. Bend Radius	Weight	Standard Length
	(in)	(psi)	(psi)	(in)	(lbs/ft)	(ft)
LH-PGC-025	1	200	800	3	0.50	80
LH-PGC-040	1 1/2	200	800	4	0.84	80
LH-PGC-050	2	200	800	7	1.08	80
LH-PGC-065	2 1/2	200	800	9	1.68	80
LH-PGC-075	3	200	800	11	2.02	80
LH-PGC-100	4	200	800	13	3.36	80