



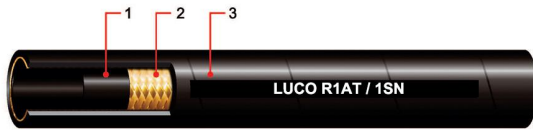
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SAE 100R1AT / DIN 1SN



- 1- Synthetic Rubber Tube
- 2- One High Tensile Steel Wire Braid
- 3- Synthetic Rubber Cover

Tube: Oil resistant, synthetic rubber

Reinforcement: One braid of high tensile steel wire

Cover: Oil and weather resistant synthetic rubber

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

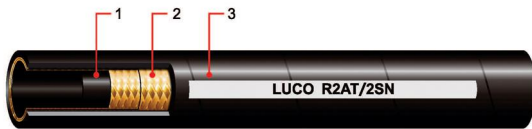
Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Key Note: Wide range of standard hydraulic use

Part Number	Hose I.D.	Hose O.D.		Working Pressure		Burst Pressure		Min. Bend Radius		Weight
	(in)	(in)	(mm)	(bar)	(psi)	(bar)	(psi)	(in)	(mm)	(lbs/ft)
LH-100R1AT-03	3/16	0.46	11.6	250	3,625	1000	14,500	3.5	89	0.12
LH-100R1AT-04	1/4	0.52	13.2	225	3,270	900	13,080	4.0	102	0.15
LH-100R1AT-05	5/16	0.58	14.7	215	3,120	850	12,480	4.5	114	0.17
LH-100R1AT-06	3/8	0.67	17.1	180	2,610	720	10,440	5.0	127	0.22
LH-100R1AT-08	1/2	0.80	20.4	160	2,320	640	9,280	7.0	178	0.28
LH-100R1AT-10	5/8	0.93	23.7	130	1,890	520	7,560	8.0	203	0.33
LH-100R1AT-12	3/4	1.07	27.3	105	1,530	420	6,120	9.5	241	0.41
LH-100R1AT-16	1	1.38	35.0	88	1,280	350	5,120	12.0	305	0.62
LH-100R1AT-20	1 1/4	1.71	43.5	63	920	250	3,680	16.5	419	0.84
LH-100R1AT-24	1 1/2	1.96	49.8	50	725	200	2,900	20.0	508	1.09
LH-100R1AT-32	2	2.48	63.0	40	580	160	2,320	25.0	635	1.34



SAE 100R2AT / DIN 2SN



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

Tube: Oil resistant, synthetic rubber

Reinforcement: Two braids of high tensile steel wire

Cover: Oil and weather resistant synthetic rubber

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

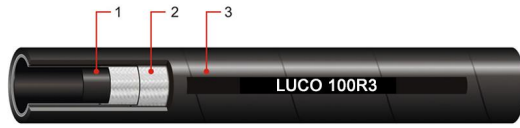
Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Key Note: Wide range of standard hydraulic use

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-100R2AT-03	3/16	0.53	13.4	41.4	6,000	165.0	24,000	3.5	90	0.21
LH-100R2AT-04	1/4	0.59	15.0	40.0	5,800	160.0	23,200	3.9	100	0.22
LH-100R2AT-05	5/16	0.65	16.5	36.0	5,075	140.0	20,300	4.5	115	0.26
LH-100R2AT-06	3/8	0.74	18.9	33.1	4,800	132.0	19,200	5.1	130	0.34
LH-100R2AT-08	1/2	0.87	22.0	27.6	4,000	110.0	16,000	7.1	180	0.40
LH-100R2AT-10	5/8	1.01	25.6	25.0	3,630	100.0	14,520	7.9	200	0.48
LH-100R2AT-12	3/4	1.15	29.3	21.5	3,120	85.0	12,480	9.5	240	0.58
LH-100R2AT-16	1	1.45	36.8	16.5	2,400	65.0	9,600	11.8	300	0.86
LH-100R2AT-20	1 1/4	1.78	45.3	12.5	1,820	50.0	7,280	16.5	420	1.36
LH-100R2AT-24	1 1/2	2.04	51.8	9.0	1,310	36.0	5,740	19.7	500	1.50
LH-100R2AT-32	2	2.56	65.0	8.0	1,160	32.0	4,640	24.8	630	1.92



SAE 100R3



- 1- Synthetic Rubber Tube
- 2- Two High Tensile Textile Fiber Braids
- 3- Synthetic Rubber Cover

Tube: Oil resistant, synthetic rubber

Reinforcement: 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: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Key Note: For medium pressure hydraulic and pneumatic service

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-100R3-03	3/16	0.50	12.6	10.5	1,500	42.0	6,000	3.0	75	0.11
LH-100R3-04	1/4	0.56	14.1	8.7	1,250	34.8	5,000	3.0	75	0.12
LH-100R3-05	5/16	0.66	16.8	8.4	1,200	33.6	4,800	3.9	100	0.18
LH-100R3-06	3/8	0.72	18.4	7.8	1,125	31.2	4,500	3.9	100	0.21
LH-100R3-08	1/2	0.91	23.0	7.0	1,000	28.0	4,000	4.9	125	0.3
LH-100R3-10	5/8	1.05	26.7	6.1	875	24.4	3,500	5.5	140	0.36
LH-100R3-12	3/4	1.22	31.0	5.2	750	20.8	3,000	5.9	150	0.48
LH-100R3-16	1	1.48	37.5	3.9	565	15.6	2,260	8.1	205	0.60
LH-100R3-20	1 1/4	1.77	45.0	2.6	375	10.4	1,500	9.8	250	0.72



SAE 100R4



- 1- Synthetic Rubber Tube
- 2- High Tensile Cord and Helix Steel Wire
- 3- Synthetic Rubber Cover

Tube: Oil resistant, synthetic rubber

Reinforcement: High tensile cord and helix steel wire

Cover: Oil and weather resistant synthetic rubber

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

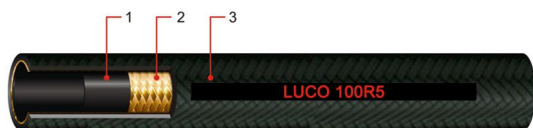
Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Key Note: Oil suction and return lines. Can be used on hydraulic pumps and reservoirs

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-100R4-12	3/4	1.16	29.40	10.5	300	42.0	1,200	4.9	125	0.61
LH-100R4-16	1	1.39	35.40	8.7	250	34.8	1,015	5.9	150	0.75
LH-100R4-20	1 1/4	1.67	42.40	8.4	200	33.6	810	7.9	200	0.87
LH-100R4-24	1 1/2	2.00	50.80	7.8	150	31.2	610	10.0	255	1.22
LH-100R4-32	2	2.54	64.60	7.0	100	28.0	410	11.8	300	1.51
LH-100R4-40	2 1/2	2.99	76.00	6.1	62	24.4	248	14.0	355	2.17
LH-100R4-48	3	3.62	92.00	5.2	56	20.8	224	18.1	460	2.86
LH-100R4-56	3 1/2	4.09	104.00	3.9	45	15.6	180	20.9	530	3.43
LH-100R4-64	4	4.65	118.00	2.6	35	10.4	140	24.0	610	3.78



SAE 100R5



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

Tube: Oil resistant, synthetic rubber

Reinforcement: One braid of high tensile steel wire

Cover: Textile braid impregnated with oil resistant synthetic rubber compound

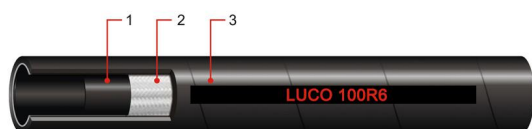
Temperature: -40° F / +212° F, Intermittent use up to 250° F

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Key Note: Used for many automotive applications

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-100R5-04	3/16	0.51	13.0	21.0	3,000	84.0	12,000	3.0	76	0.16
LH-100R5-05	1/4	0.57	14.6	21.0	3,000	84.0	12,000	3.4	86	0.19
LH-100R5-06	5/16	0.67	17.0	15.7	2,250	62.8	9,000	4.0	102	0.24
LH-100R5-08	13/32	0.76	19.3	14.0	2,000	56.0	8,000	4.6	117	0.32
LH-100R5-10	1/2	0.91	23.2	12.2	1,750	48.8	7,000	5.5	140	0.37
LH-100R5-12	5/8	1.07	27.2	10.5	1,500	42.0	6,000	6.5	165	0.44
LH-100R5-16	7/8	1.24	31.4	5.6	800	22.4	3,200	7.4	187	0.46
LH-100R5-20	1 1/8	1.50	38.1	4.3	625	17.2	2,500	9.0	229	0.56
LH-100R5-24	1 3/8	1.75	44.4	3.5	500	14.0	2,000	10.5	267	0.69
LH-100R5-32	1 13/16	2.22	56.4	2.4	350	9.6	1,400	13.3	337	0.85

SAE 100R6



- 1- Synthetic Rubber Tube
- 2- One High Tensile Textile Fiber Braid
- 3- Synthetic Rubber Cover

Tube: Oil resistant, synthetic rubber

Reinforcement: One braid of high tensile textile fiber

Cover: Oil and weather resistant synthetic rubber

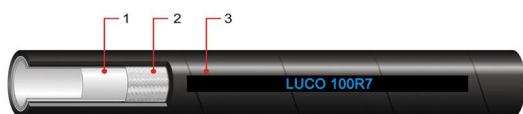
Temperature: -40° F / +212° F, Intermittent use up to 250° F

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Key Note: Recommended for general purpose air, oil and water lines

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-100R6-03	3/16	0.43	11.0	3.5	510	14.0	2,030	2.0	50	0.07
LH-100R6-04	1/4	0.49	12.5	2.8	410	11.2	1,620	2.6	65	0.09
LH-100R6-05	5/16	0.55	14.0	2.8	410	11.2	1,620	3.0	75	0.10
LH-100R6-06	3/8	0.62	15.7	2.8	410	11.2	1,620	3.0	75	0.12
LH-100R6-08	1/2	0.77	19.5	2.8	410	11.2	1,620	3.9	100	0.17
LH-100R6-10	5/8	0.90	22.9	2.4	350	9.8	1,420	4.9	125	0.21
LH-100R6-12	3/4	1.02	26.0	2.1	310	8.4	1,220	5.9	150	0.27

SAE 100R7



- 1- Synthetic Thermoplastic Tube
- 2- One High Tensile Textile Fiber Braid
- 3- Polyurethane Cover

Tube: Oil-resistant synthetic thermoplastic core(Nylon)

Reinforcement: One braid of high tensile synthetic fiber

Cover: Abrasion-resistant polyurethane

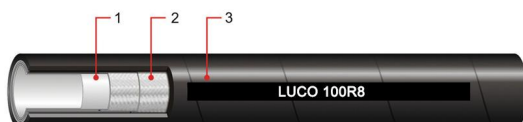
Temperature: -40° F / +212° F, Intermittent use up to 250° F

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Key Note: For medium pressure hydraulic system

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-100R7-03	3/16	0.43	10.8	21.0	3,000	84.0	12,000	3.5	90	0.05
LH-100R7-04	1/4	0.51	13.0	19.2	2,750	76.8	11,000	3.9	100	0.06
LH-100R7-05	5/16	0.59	15.1	17.5	2,500	70.0	10,000	4.5	115	0.09
LH-100R7-06	3/8	0.67	17.0	15.7	2,250	62.8	9,000	4.9	125	0.10
LH-100R7-08	1/2	0.81	20.7	14.0	2,000	56.0	8,000	7.1	180	0.15
LH-100R7-10	5/8	0.91	23.0	10.5	1,500	42.0	6,000	8.1	205	0.19
LH-100R7-12	3/4	1.02	26.0	8.7	1,250	34.8	5,000	9.5	240	0.22
LH-100R7-16	1	1.26	32.0	7.0	1,000	28.0	4,000	11.8	300	0.27

SAE 100R8



- 1- Synthetic Thermoplastic Tube
- 2- Two High Tensile Textile Fiber Braids
- 3- Polyurethane Cover

Tube: Oil-resistant synthetic thermoplastic core(Nylon)

Reinforcement: Two braids of high tensile synthetic fiber

Cover: Abrasion-resistant polyurethane

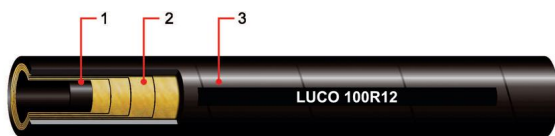
Temperature: -40° F / +212° F, Intermittent use up to 250° F

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Key Note: For high pressure hydraulic oil lines

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-100R8-03	3/16	0.52	13.1	35.0	5,000	140.0	20,000	3.5	90	0.06
LH-100R8-04	1/4	0.63	15.9	35.0	5,000	140.0	20,000	3.9	100	0.07
LH-100R8-05	5/16	0.67	17.0	28.0	4,000	112.0	16,000	4.9	125	0.09
LH-100R8-06	3/8	0.76	19.4	24.5	3,500	98.0	14,000	7.1	180	0.12
LH-100R8-08	1/2	0.89	22.7	19.2	2,750	76.8	11,000	8.1	205	0.15
LH-100R8-10	5/8	0.98	25.0	15.7	2,250	62.8	9,000	9.5	240	0.21
LH-100R8-12	3/4	1.14	29.0	14.0	2,000	56.0	8,000	11.8	300	0.24

SAE 100R12



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

Tube: Oil resistant, synthetic rubber

Reinforcement: Four spirals of high tensile steel wire

Cover: Oil and weather resistant synthetic rubber

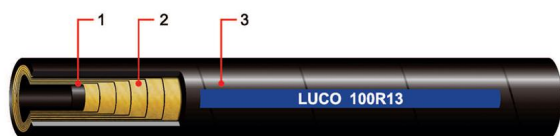
Temperature: -40° F / +212° F, Intermittent use up to 250° F

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Key Note: Wide range of standard hydraulic use

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-100R12-06	3/8	0.80	20.2	28.0	4,000	112.0	16,000	4.9	125	0.42
LH-100R12-08	1/2	0.93	23.5	28.0	4,000	112.0	16,000	7.1	180	0.57
LH-100R12-10	5/8	1.07	27.3	28.0	4,000	112.0	16,000	7.9	200	0.87
LH-100R12-12	3/4	1.22	31.0	28.0	4,000	112.0	16,000	9.5	240	0.99
LH-100R12-16	1	1.52	38.5	28.0	4,000	112.0	16,000	11.8	300	1.34
LH-100R12-20	1 1/4	1.81	46.0	21.0	3,000	84.0	12,000	16.5	420	1.92
LH-100R12-24	1 1/2	2.10	53.4	17.5	2,500	70.0	10,000	19.7	500	2.18
LH-100R12-32	2	2.68	68.0	17.5	2,500	70.0	10,000	25.2	640	3.23

SAE 100R13



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

Tube: Oil resistant, synthetic rubber

Reinforcement: 3/4" to 1-1/4"- four spiral wires; 1-1/2" and 2"- six spiral wires

Cover: Oil and weather resistant synthetic rubber

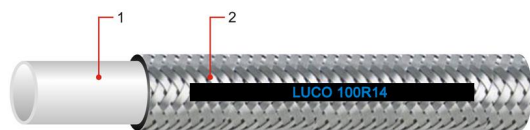
Temperature: -40° F / +212° F, Intermittent use up to 250° F

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Key Note: 5,000 PSI constant pressure, high impulse cycle

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-100R13-12	3/4	1.25	31.8	35.0	5,000	140.0	20,000	11.0	280	1.11
LH-100R13-16	1	1.52	38.5	35.0	5,000	140.0	20,000	13.4	340	1.51
LH-100R13-20	1 1/4	1.97	50.0	35.0	5,000	140.0	20,000	18.1	460	2.42
LH-100R13-24	1 1/2	2.27	57.6	35.0	5,000	140.0	20,000	22.0	560	3.19
LH-100R13-32	2	2.83	72.0	35.0	5,000	140.0	20,000	27.6	700	4.64

SAE 100R14



- 1- Polytetrafluoroethylene(PTFE)
2- One High Tensile Steel Wire Braid

Tube: Polytetrafluoroethylene(PTFE)

Cover: One braid of stainless steel wire

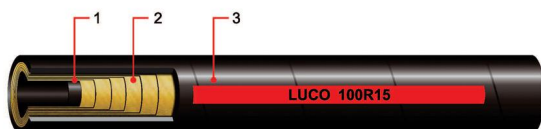
Temperature: -76° F / +500° F

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Key Note: Used in many tough applications

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-100R14-03	1/8	0.24	6.2	10.5	1,520	82.7	12000	1.6	40	0.05
LH-100R14-04	3/16	0.30	7.7	10.5	1,520	68.9	10000	2.0	50	0.05
LH-100R14-05	1/4	0.36	9.2	10.5	1,520	62.0	9000	3.0	75	0.06
LH-100R14-06	5/16	0.43	10.8	10.5	1,520	55.2	8000	3.9	100	0.09
LH-100R14-07	3/8	0.49	12.4	10.5	1,520	48.3	7000	4.9	125	0.10
LH-100R14-10	1/2	0.63	15.9	5.6	810	41.4	6000	6.5	165	0.14
LH-100R14-12	5/8	0.76	19.3	5.6	810	34.5	5000	7.9	200	0.17
LH-100R14-14	3/4	0.88	22.3	5.6	810	27.6	4000	9.1	230	0.22
LH-100R14-16	7/8	1.02	25.8	5.6	810	24.1	3500	9.1	230	0.24
LH-100R14-18	1	1.16	29.5	5.6	810	24.1	3500	11.8	300	0.30

SAE 100R15



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

Tube: Oil resistant, synthetic rubber

Reinforcement: 3/8" and 1" - four spiral wires; 1" to 1-1/2" - six spiral wires

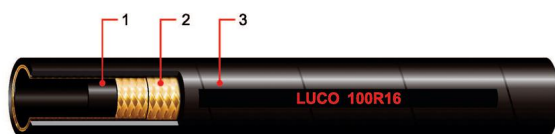
Cover: Oil and weather resistant synthetic rubber

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

Key Note: 6000 PSI constant pressure, high impulse cycle

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-100R15-08-4	1/2	0.93	23.5	42.0	6,000	168.0	24,000	7.9	200	0.60
LH-100R15-12-4	3/4"	1.25	31.8	42.0	6,000	168.0	24,000	10.4	265	1.09
LH-100R15-16-4	1"	1.52	38.5	42.0	6,000	168.0	24,000	13.0	330	1.46
LH-100R15-16-6	1"	1.64	41.7	42.0	6,000	168.0	24,000	13.4	340	1.74
LH-100R15-20-6	1 1/4"	1.97	50.0	42.0	6,000	168.0	24,000	17.5	445	2.4
LH-100R15-24-6	1 1/2"	2.27	57.6	42.0	6,000	168.0	24,000	20.9	530	3.02

SAE 100R16



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

Tube: Oil resistant, synthetic rubber

Reinforcement: Two braids of high tensile steel wire

Cover: Oil and weather resistant synthetic rubber

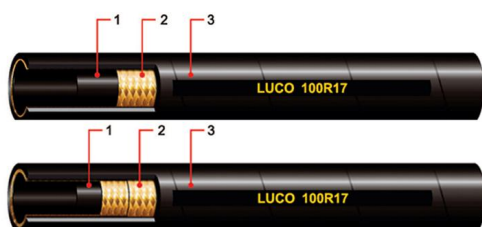
Temperature: -40° F / +212° F, Intermittent use up to 250° F

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Key Note: Lightness and flexibility with 2-wire pressure ratings

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-100R16-04	1/4	0.53	13.5	35.0	5,000	140.0	20,000	2.0	50	0.18
LH-100R16-05	5/16	0.59	15.1	29.7	4,250	118.8	17,000	2.2	55	0.24
LH-100R16-06	3/8	0.67	17.1	28.0	4,000	112.0	16,000	2.6	65	0.28
LH-100R16-08	1/2	0.80	20.4	24.5	3,500	98.0	14,000	3.5	90	0.35
LH-100R16-10	5/8	0.94	23.8	19.2	2,750	76.8	11,000	3.9	100	0.42
LH-100R16-12	3/4	1.09	27.6	15.7	2,250	62.8	9,000	4.7	120	0.54
LH-100R16-16	1	1.39	35.2	14.0	2,000	56.0	8,000	5.9	150	0.79
LH-100R16-20	1 1/4	1.71	43.5	11.3	1,625	45.2	6,500	8.3	210	1.00

SAE 100R17



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

Tube: Oil resistant, synthetic rubber

Reinforcement: 1/4", 3/8" and 1/2"- one wire braid; 3/4" and 1" - two wire braid

Cover: Oil and weather resistant synthetic rubber

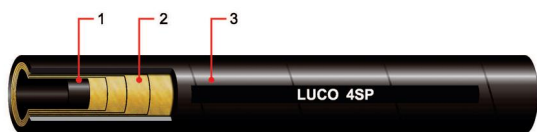
Temperature: -40° F / +212° F, Intermittent use up to 250° F

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Key Note: 3,000 PSI constant pressure, lightweight with good flexibility

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-100R17-04	1/4	0.49	12.5	21.0	3,000	84.0	12,000	2.0	50	0.11
LH-100R17-05	5/16	0.56	14.1	21.0	3,000	84.0	12,000	2.2	55	0.14
LH-100R17-06	3/8	0.63	16.1	21.0	3,000	84.0	12,000	2.6	65	0.17
LH-100R17-08	1/2	0.76	19.4	21.0	3,000	84.0	12,000	3.5	90	0.31
LH-100R17-10	5/8	0.97	24.7	21.0	3,000	84.0	12,000	3.9	100	0.39
LH-100R17-12	3/4	1.12	28.4	21.0	3,000	84.0	12,000	4.7	120	0.50
LH-100R17-16	1	1.41	35.9	21.0	3,000	84.0	12,000	5.9	150	0.98

DIN 4SP



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

Tube: Oil resistant, synthetic rubber

Reinforcement: Four spirals of high tensile steel wire

Cover: Oil and weather resistant synthetic rubber

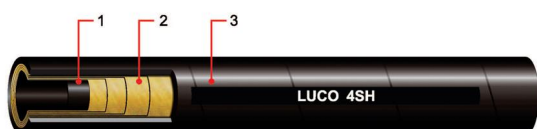
Temperature: -40° F / +212° F, Intermittent use up to 250° F

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Key Note: High impulse cycles

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-4SP-06	3/8	0.76	19.2	44.5	6,450	180.0	26,000	7.1	180	0.52
LH-4SP-08	1/2	0.82	20.8	41.5	6,000	166.0	24,000	9.1	230	0.60
LH-4SP-10	5/8	0.94	24.0	35.0	5,000	140.0	20,000	9.8	250	0.75
LH-4SP-12	3/4	1.09	27.6	35.0	5,000	140.0	20,000	11.8	300	1.07
LH-4SP-16	1	1.25	31.8	28.0	4,000	112.0	16,000	13.4	340	1.36
LH-4SP-20	1 1/4	1.94	49.4	21.0	3,000	84.0	12,000	18.1	460	2.23
LH-4SP-24	1 1/2	2.21	56.2	18.5	3,650	74.0	10,800	22.1	560	2.49
LH-4SP-32	2	2.73	69.4	16.5	2,360	66.0	9,600	26.0	660	3.68

DIN 4SH



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

Tube: Oil resistant, synthetic rubber

Reinforcement: Four spirals of high tensile steel wire

Cover: Oil and weather resistant synthetic rubber

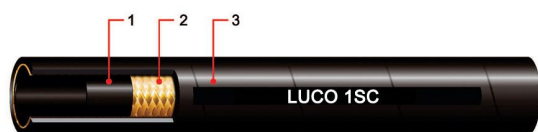
Temperature: -40° F / +212° F, Intermittent use up to 250° F

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Key Note: High impulse cycles

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-4SH-12	3/4	1.25	31.8	42.0	6,000	168.0	24,000	11.0	280	1.08
LH-4SH-16	1	1.52	38.5	38.0	5,500	152.0	22,000	13.4	340	1.34
LH-4SH-20	1 1/4	1.80	45.8	32.5	4,700	130.0	18,800	18.1	460	1.77
LH-4SH-24	1 1/2	2.05	52.0	29.0	4,200	116.0	16,800	22.0	560	2.26
LH-4SH-32	2	2.68	68.0	25.0	3,600	100.0	14,400	27.6	700	3.35

EN857 1SC



- 1- Synthetic Rubber Tube
- 2- One High Tensile Steel Wire Braid
- 3- Synthetic Rubber Cover

Tube: Oil resistant, synthetic rubber

Reinforcement: One braid of high tensile steel wire

Cover: Oil and weather resistant synthetic rubber

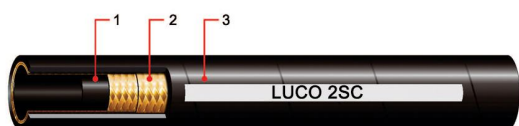
Temperature: -40° F / +212° F, Intermittent use up to 250° F

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Key Note: Compact one wire braid, high flexibility and excellent bend radius

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)	
LH-1SC-04	1/4	0.48	12.3	22.5	3,260	90.0	13,050	3.0	75	0.09
LH-1SC-05	5/16	0.55	13.9	21.5	3,120	86.0	12,470	3.4	85	0.13
LH-1SC-06	3/8	0.63	15.9	18.0	2,610	72.0	10,440	3.5	90	0.17
LH-1SC-08	1/2	0.76	19.2	16.0	2,320	64.0	9,280	5.1	130	0.24
LH-1SC-10	5/8	0.89	22.6	13.0	1,885	52.0	7,540	5.9	150	0.32
LH-1SC-12	3/4	1.02	26.0	10.5	1,520	42.0	6,080	7.1	180	0.40
LH-1SC-16	1	1.31	33.3	8.8	1,280	35.2	5,120	9.1	230	0.60
LH-1SC-20	1 1/4	1.61	41.0	6.3	910	25.2	3,640	16.5	420	0.87
LH-1SC-24	1 1/2	1.95	49.6	5.0	725	20.0	2,900	19.7	500	1.14
LH-1SC-32	2	2.52	64.0	4.0	580	16.0	2,320	24.8	630	1.34

EN857 2SC



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

Tube: Oil resistant, synthetic rubber

Reinforcement: Two braids of high tensile steel wire

Cover: Oil and weather resistant synthetic rubber

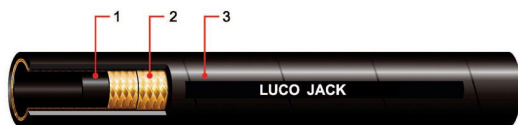
Temperature: -40° F / +212° F, Intermittent use up to 250° F

Application: Petroleum based hydraulic fluid, gasoline, water, diesel fuels, lubricating oils, glycol, mineral oils, and more

Key Note: Compact two wire braids, high flexibility and excellent bend radius

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)	
LH-2SC-04	1/4	0.53	13.5	45.0	6,525	180.0	26,100	3.0	75	0.19
LH-2SC-05	5/16	0.59	15.1	40.0	5,800	160.0	23,200	3.3	85	0.24
LH-2SC-06	3/8	0.67	17.1	37.5	5,438	150.0	21,750	3.5	90	0.28
LH-2SC-08	1/2	0.80	20.4	31.0	4,495	124.0	17,980	5.1	130	0.40
LH-2SC-10	5/8	0.94	23.8	30.0	4,350	120.0	17,400	6.7	170	0.42
LH-2SC-12	3/4	1.09	27.6	28.7	4,162	115.0	16,675	7.9	200	0.54
LH-2SC-16	1	1.39	35.2	22.5	3,263	90.0	13,050	9.8	250	0.79

JACK HOSE



- 1- Synthetic Rubber Tube
- 2- Two High Tensile Steel Wire braids
- 3- Synthetic Rubber Cover

Tube: Oil resistant, synthetic rubber

Reinforcement: Two braids of high tensile steel wire

Cover: Oil and weather resistant synthetic rubber

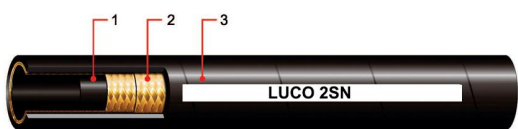
Temperature: -40° F / +212° F, Intermittent use up to 250° F

Application: Hydraulic oil, water

Key Note: 10,000 PSI static pressures, hydraulic lifting jacks, hydrostatic testing

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-JACK-04	1/4	0.59	15.0	69.0	10,000	172.5	25,000	3.9	100	0.22
LH-JACK-06	3/8	0.74	18.9	69.5	10,000	172.5	25,000	5.1	130	0.34

2SN HOSE



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

Tube: Oil resistant, synthetic rubber

Reinforcement: Two braids of high tensile steel wire

Cover: High ozone, weather and heat resistant synthetic rubber

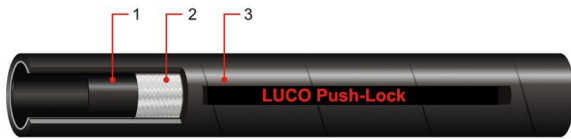
Temperature: -40° F / +212° F, Intermittent use up to 250° F

Application: Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water

Key Note: Specific installations with severe abrasion conditions

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-2SN-04	1/4	0.58	14.7	40.0	5,800	175.0	25,370	3.9	100	0.24
LH-2SN-05	5/16	0.64	16.3	35.0	5,070	148.0	21,460	4.5	115	0.26
LH-2SN-06	3/8	0.74	18.7	35.0	5,070	140.0	20,300	5.1	130	0.34
LH-2SN-08	1/2	0.86	21.8	35.0	5,070	140.0	20,300	7.1	180	0.4
LH-2SN-10	5/8	0.98	25.0	25.0	3,620	102.0	14,790	7.9	200	0.48
LH-2SN-12	3/4	1.14	29.0	21.5	3,110	90.0	13,050	9.5	240	0.58
LH-2SN-16	1	1.45	36.8	17.5	2,530	70.0	10,150	11.8	300	0.86
LH-2SN-20	1 1/4	1.85	47.0	14.0	2,030	56.0	8,120	16.5	420	1.36
LH-2SN-24	1 1/2	2.10	53.4	10.0	1,450	50.0	7,250	19.7	500	1.5
LH-2SN-32	2	2.61	66.2	9.0	1,300	42.0	6,090	24.8	630	1.92

Push-Lock Hose and Fitting



- 1- Synthetic Rubber Tube
- 2- One High Tensile Textile Fiber Braid
- 3- Synthetic Rubber Cover

Tube: Oil resistant, synthetic rubber

Reinforcement: One braid of high tensile textile fiber

Cover: Oil and weather resistant synthetic rubber

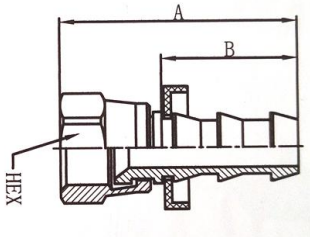
Temperature: -40° F / +212° F, Intermittent use up to 250° F

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: For low pressure lines, return lines and drain lines.

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)	
LH-PUSHLK-04	1/4	0.49	12.5	2.8	410	11.2	1,620	2.6	65	0.09
LH-PUSHLK-05	5/16	0.55	14.0	2.8	410	11.2	1,620	3.0	75	0.10
LH-PUSHLK-06	3/8	0.62	15.7	2.8	410	11.2	1,620	3.0	75	0.12
LH-PUSHLK-08	1/2	0.77	19.5	2.8	410	11.2	1,620	3.9	100	0.17
LH-PUSHLK-10	5/8	0.90	22.9	2.4	350	9.8	1,420	4.9	125	0.21
LH-PUSHLK-12	3/4	1.02	26.0	2.1	300	8.4	1,200	5.9	150	0.27
LH-PUSHLK-16	1	1.33	33.9	1.4	200	5.6	800	9.5	240	0.35

74° JIC Swivel Female

	Part Number	Hose I.D. x Female JIC	Dimensions(in)			
			A	B	HEX	UNF Thread
	BPO-FJIC-04-04	1/4" * 1/4"	1.54	0.87	0.56	7/16"-20
	BPO-FJIC-04-06	1/4" * 3/8"	1.60	0.87	0.68	9/16"-18
	BPO-FJIC-05-05	5/16" * 5/16"	1.56	0.89	0.62	1/2"-20
	BPO-FJIC-05-06	5/16" * 3/8"	1.60	0.82	0.68	9/16"-18
	BPO-FJIC-06-04	3/8" * 1/4"	1.60	0.82	0.68	9/16"-18
	BPO-FJIC-06-06	3/8" * 3/8"	1.70	0.97	0.68	9/16"-18
	BPO-FJIC-06-08	3/8" * 1/2"	1.78	0.97	0.87	3/4"-16
	BPO-FJIC-08-08	1/2" * 1/2"	1.78	0.97	0.87	3/4"-16
	BPO-FJIC-08-10	1/2" * 5/8"	1.85	0.97	1.00	7/8"-14
	BPO-FJIC-10-10	5/8" * 5/8"	2.33	1.45	1.00	7/8"-14
	BPO-FJIC-12-12	3/4" * 3/4"	2.40	1.45	1.25	1-1/16"-12

90° Cone SAE Male

Part Number	Hose I.D. x Male JIC	Dimensions(in)			
		A	B	HEX	UNF Thread
BPO-ME-04-04	1/4"×1/4"	1.57	0.84	0.50	7-16"-20
BPO-ME-04-05	1/4"×5/16"	1.60	0.83	0.56	1/2"-20
BPO-ME-06-06	3/8"×3/8"	1.73	0.97	0.75	5/8"-18
BPO-ME-08-08	1/2"×1/2"	1.97	0.97	0.75	3/4"-16
BPO-ME-10-10	5/8"×5/8"	2.62	1.50	0.93	7/8"-14
BPO-ME-12-12	3/4"×3/4"	2.79	1.50	1.12	1-1/16"-12

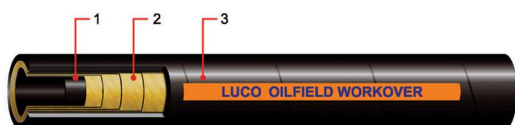
90° Cone Seat SAE Swivel Female

Part Number	Hose I.D. x 45° Female Flare	Dimensions(in)			
		A	B	HEX	UNF Thread
BPO-FE-04-04	1/4"×1/4"	1.54	0.87	0.56	7/16"-20
BPO-FE-04-06	1/4"×3/8"	1.63	0.87	0.75	5/8"-20
BPO-FE-05-06	5/16"×3/8"	1.63	0.87	0.75	5/8"-18
BPO-FE-06-06	3/8"×3/8"	1.73	0.97	0.75	5/8"-18
BPO-FE-08-08	1/2"×1/2"	1.77	0.97	0.87	3/4"-16
BPO-FE-10-10	5/8"×5/8"	2.35	1.45	1.00	7/8"-14
BPO-FE-12-12	3/4"×3/4"	2.42	1.45	1.25	1-1/16"-14

NPT Male

Part Number	Hose I.D. x Male NPT	Dimensions(in)		
		A	B	HEX
BPO-MNPT-04-02	1/4"×1/8"	1.43	0.87	0.50
BPO-MNPT-04-04	1/4"×1/4"	1.66	0.87	0.56
BPO-MNPT-04-06	1/4"×3/8"	1.66	0.87	0.68
BPO-MNPT-05-02	5/16"×1/8"	1.42	0.77	0.43
BPO-MNPT-05-04	5/16"×1/4"	1.66	0.87	0.56
BPO-MNPT-06-02	3/8"×1/8"	1.53	0.97	0.50
BPO-MNPT-06-04	3/8"×1/4"	1.69	0.89	0.56
BPO-MNPT-06-06	3/8"×3/8"	1.76	0.97	0.68
BPO-MNPT-06-08	3/8"×1/2"	1.97	0.97	0.87
BPO-MNPT-08-04	1/2"×1/4"	1.76	0.97	0.68
BPO-MNPT-08-06	1/2"×3/8"	1.76	0.97	0.68
BPO-MNPT-08-08	1/2"×1/2"	1.97	0.97	0.87
BPO-MNPT-08-12	1/2"×3/4"	1.97	0.97	1.06
BPO-MNPT-10-06	5/8"×3/8"	2.34	1.50	0.75
BPO-MNPT-10-08	5/8"×1/2"	2.45	1.45	1.06
BPO-MNPT-10-12	5/8"×3/4"	2.45	1.45	1.06
BPO-MNPT-12-08	3/4"×1/2"	2.45	1.45	0.87
BPO-MNPT-12-12	3/4"×3/4"	2.45	1.45	1.06
BPO-MNPT-16-16	1"×1"	3.11	1.50	1.37

Oilfield Workover



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

Tube: Oil resistant, synthetic rubber

Reinforcement: Four spirals of high tensile wire

Cover: Oil and weather resistant synthetic rubber

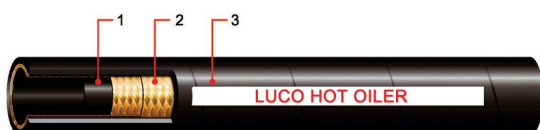
Temperature: -40° F / +212° F, Intermittent use up to 250° F

Application: Oilfield workover rigs and well servicing "Not to be used with hydraulic systems"

Key Note: 5000 PSI working pressure with 2.9 to 1 safety factor when used on oilfield workover rigs and well servicing applications

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-OFW-32	2"	2.68	68	34.5	5,000	100.0	14,500	27.6	700	3.36

Hot Oiler Hose



1. Chloroprene Rubber Tube
2. Two High Tensile Steel Wire Braids
3. Chloroprene Rubber Cover

Tube: Black chloroprene

Reinforcement: Two braids of high tensile steel wire

Cover: Black chloroprene, wrapped finish

Temperature: -40° F / +275° F, Intermittent use up to 300° F

Application: Hot asphalt, glue, tar, oil, wax; in-plant transfer; delivery trucks; construction, general industrial, oil field

Key Note: High pressure hose for hot oil

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-HO-24	1 1/2	1.98	50.4	15.5	2,250	46.5	6,750	13	330	1.59