

3.2 Hose overview

Black Eagle Light

#	ID		OD	Max. working pressure	Min. burst pressure	Min. bend radius	Max. length	Weight	Ultimate collapse pressure
	size DN	inch mm	inch mm	psi MPa	psi MPa	inch mm	ft m	lbs/ft kg/m	psi MPa
2240N-32V10	-32	2	2.70	3,000	12,000	19.7	3,281	2.96	550
	50	51	68.5	20.7	82.7	500	1000	4.40	3.8
2248N-32V10	-32	2	2.70	5,000	12,500	19.7	3,281	2.96	550
	50	51	68.5	34.5	86.2	500	1000	4.40	3.8
2449N-32V10	-32	2	2.89	8,000	20,000	25.6	3,281	5.14	710
	50	51	73.5	55.2	138.0	650	1000	7.65	4.9

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	size DN	inch mm	inch mm	psi MPa	psi MPa	inch mm	ft m	lbs/ft kg/m	psi MPa
2440N-20V80	-20	1 1/4	2.19	10,000	25,000	15.8	4,921	2.55	870
	32	32.2	55.5	69.0	172.5	400	1500	3.80	6.0
2640N-24V80	-24	1 1/2	2.78	10,000	33,350	19.7	3,281	4.84	950
	40	38.0	70.5	69.0	230.0	500	1000	7.20	6.5
2640N-24V80-15K	-24	1 1/2	2.60	15,000	33,750	19.7	3,281	4.37	957
	40	38.0	66.0	103.5	233.0	500	1000	6.50	6.6
2448N-32V80	-32	2	3.17	5,000	20,000	19.7	4,593	5.71	710
	50	50.5	80.5	34.5	138.0	500	1400	8.50	4.9
2580N-32V80	-32	2	3.33	10,000	25,000	31.5	4,593	6.32	826
	50	50.5	84.5	69.0	172.5	800	1400	9.40	5.7
2648N-32V80	-32	2	3.39	15,000	33,750	31.5	4,101	8.13	870
	50	50.5	86.0	103.5	233.0	800	1250	12.10	6.0
2240N-48V80	-48	3	4.49	5,000	12,500	40.0	1,148	7.73	290
	78	75.0	114.0	34.5	86.2	1000	350	11.50	2.0
2440N-48V80	-48	3	4.80	10,000	20,000	43.3	984	12.57	957
	78	75.0	122.0	69.0	138.0	1100	300	18.70	6.6
2640N-48V80	-48	3	5.12	15,000	33,750	47.2	820	18.48	1,160
	78	75.0	130.0	103.5	233.0	1200	250	27.50	8.0

Golden Eagle

	size DN	inch mm	inch mm	psi MPa	psi MPa	inch mm	ft m	lbs/ft kg/m	psi MPa
2640M-24V88	-24	1 1/2	2.78	10,000	33,350	19.7	1,970	4.84	950
	40	38.0	70.5	69.0	230.0	500	600	7.20	6.5
2448M-32V88	-32	2	3.23	5,000	20,000	19.7	1,970	5.71	710
	50	50.5	82.0	34.5	138.0	500	600	8.50	4.9
2580M-32V88	-32	2	3.33	10,000	25,000	31.5	1,970	6.32	825
	50	50.5	84.5	69.0	172.5	800	600	9.40	5.7