

1 WIRE HYDRAULIC HOSE

SAE 100R1AT - DIN 20 022 1SN



APPLICATION: For medium pressure hydraulic service.

TUBE: Seamless, black, oil and heat resistant synthetic rubber.

REINFORCEMENT: Braided (1) high tensile steel wire.

COVER: MSHA Black, oil, abrasion and weather resistant, smooth synthetic rubber finish.

TEMPERATURE: -40°F to 212°F (-40°C to 100°C).

PACKAGING: 1/4" to 1"ID hose - 250ft to 350ft reel, maximum 3 pieces, 10ft minimum. 1 1/4"ID - 66ft and 131ft coils.

COUPLINGS: CP inserts with BNS shell, HN series and 931 series.

NOM. ID		NOM. OD		MAX. WP		BEND RADIUS		WEIGHT		PART NUMBER	PRICE REEL	PRICE CUT
in.	mm.	in.	mm.	psi	Mpa	.in	.mm	lb/ft	kg/m		PER FT	PER FT
1/4	6.35	.5335	13.55	3200	22.1	3.5	90	.17	.25	H1804	2.22	2.88
3/8	9.53	.6890	17.50	2600	17.9	4.7	120	.24	.36	H1806	2.57	3.04
1/2	12.70	.8130	20.65	2400	16.6	5.7	145	.29	.43	H1808	2.92	3.86
3/4	19.05	1.096	27.84	1600	11	8.3	210	.42	.63	H1812	4.40	5.68
1	25.40	1.408	35.76	1300	8.96	10.63	270	.64	.95	H1816	6.08	7.37
1 1/4	31.75	1.726	43.84	625	4.3	16.5	419	.93	1.38	H1820	10.53	14.01

2 WIRE HYDRAULIC HOSE

SAE 100R2AT - DIN 20 022 2SN



APPLICATION: For high pressure hydraulic service.

TUBE: Seamless, black, oil and heat resistant synthetic rubber.

REINFORCEMENT: Braided (2) high tensile steel wire.

COVER: MSHA Black, oil, abrasion and weather resistant synthetic rubber.

TEMPERATURE: -40°F to 212°F (-40°C to 100°C).

PACKAGING: 1/4" to 1"ID hose - 250ft to 350ft reel, maximum 3 pieces, 10ft minimum. 1¼", 1½" and 2"ID hose - 66ft and 131ft coils.

COUPLINGS: CP inserts with BNS shell, HN series and 931 series.

NOM. ID		NOM. OD		MAX. WP		BEND RADIUS		WEIGHT		PART NUMBER	PRICE COILS	PRICE CUT
in.	mm.	in.	mm.	psi	Mpa	.in	.mm	lb/ft	kg/m		PER FT	PER FT
1/4	6.35	.5950	15.11	5800	40	4.0	102	.17	.25	H1904	2.81	3.46
3/8	9.53	.7540	20	4800	33	5.3	135	.24	.36	H1906	2.99	3.86
1/2	12.70	.8770	22.28	4000	27.5	6.3	168	.29	.43	H1908	3.25	4.40
5/8	15.88	1.000	25.40	3700	25	7.3	185	.54	.80	H1910	4.87	5.92
3/4	19.05	1.158	29.41	3100	21.5	8.7	220	.42	.63	H1912	5.22	6.99
1	25.40	1.500	38.10	2400	16.5	11.0	280	.64	.95	H1916	7.32	9.68
1¼	31.75	1.891	48.03	1625	11.2	16.5	419	.93	1.38	H1920	11.72	15.23
1½	38.10	2.167	55.04	1250	8.6	20	500	1.61	2.40	H1924	14.11	17.71
2	50.80	2.653	67.39	1125	7.7	25	635	2.24	3.33	H1932	18.29	21.85

BRIDGESTONE HOSE

SAE 100R12 HYDRAULIC HOSE



APPLICATION: For very high pressure hydraulic service.

TUBE: Seamless, black, oil and heat resistant NBR synthetic rubber.

REINFORCEMENT: Spiral (4) high tensile steel wire.

COVER: MSHA Black, oil, abrasion and weather resistant Neoprene synthetic rubber.

TEMPERATURE: -40°F to 250°F (-40°C to 121°C).

PACKAGING: 3/8" to 2" ID hose - 66ft and 131ft coils.

COUPLINGS: CP inserts with BPS shell.

NOM. ID		Nom. OD		MAX. WP		BEND RADIUS		WEIGHT		PART NUMBER	PRICE COILS	PRICE CUT
in.	mm.	in.	mm.	psi	Mpa	.in	.mm	lb/ft	kg/m		PER FT	PER FT
3/8	9.53	0.80	20	4000	27.5	5	130	0.40	0.59	H2206	8.24	10.55
1/2	12.70	0.94	24	4000	27.5	7	180	0.54	0.80	H2208	8.36	11.12
5/8	15.88	1.08	27	4000	27.5	8	200	0.74	1.10	H2210	9.88	13.84
3/4	19.05	1.21	31	4000	27.5	9.5	240	0.94	1.40	H2212	10.97	15.60
1	25.40	1.50	38	4000	27.5	12	300	1.34	1.99	H2216	14.10	20.02
1¼	31.75	1.85	47	3000	20.7	16.5	420	1.74	2.59	H2220	23.65	36.12
1½	38.10	2.10	53	2500	17.2	20	500	2.01	2.99	H2224	31.19	44.92
2	50.80	2.63	67	2500	17.2	25	630	2.75	4.09	H2232	35.05	64.74

BRIDGESTONE HOSE

SAE 100R13 HYDRAULIC HOSE



APPLICATION: For ultra high pressure hydraulic service.

TUBE: Seamless, black, oil and heat resistant NBR synthetic rubber.

REINFORCEMENT: Spiral (4) and (6) high tensile steel wire.

COVER: MSHA Black, oil, abrasion and weather resistant Neoprene synthetic rubber.

TEMPERATURE: -40°F to 250°F (-40°C to 121°C).

PACKAGING: 3/4" to 2"ID hose - 66ft and 131ft coils.

COUPLINGS: CH series with BHH or BH13 SHELL, also CP Series with BPS shell on 3/4" and 1".

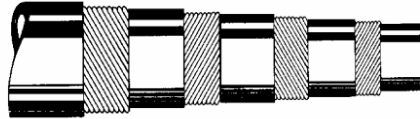
NOM. ID		NOM. OD		MAX. WP		BEND RADIUS		WEIGHT		PART NUMBER	PRICE COILS	PRICE CUT
in.	mm.	in.	mm.	psi	Mpa	.in	.mm	lb/ft	kg/m		PER FT	PER FT
3/4	19.05	1.26	32	5000	34.5	9.5	240	1.07	1.59	H2412	13.97	25.92
1	25.40	1.52	39	5000	34.5	12	300	1.48	2.20	H2416	17.50	35.61
1¼	31.75	1.96	50	5000	34.5	16.5	420	2.48	3.69	H2420	33.58	78.56
1½	38.10	2.26	57	5000	34.5	20	500	3.22	4.79	H2424	45.96	91.86
2	50.80	2.80	71	5000	34.5	25	630	5.03	7.48	H2432	52.95	117.05

BRIDGESTONE HOSE

EQ25 HYDRAULIC HOSE

EQ25 is Bridgestone's best 4000 PSI spiral hose. It features a no skive design, smaller bend radius, less force to bend the hose and a longer impulse life.

BEND THE HOSE!



APPLICATION: For ultra high pressure hydraulic service.

TUBE: Seamless, black, oil and heat resistant NBR synthetic rubber.

REINFORCEMENT: Spiral (4) high tensile steel wire.

COVER: Black, oil, abrasion and weather resistant Neoprene synthetic rubber.

TEMPERATURE: -40°F to 250°F (-40°C to 121°C).

PACKAGING: 1/2" TO 1"ID hose - 66ft and 131ft coils.

COUPLINGS: No skive UB series and CP inserts with BNS shell.

NOM. ID		NOM. OD		MAX. WP		BEND RADIUS		WEIGHT		PART NUMBER	PRICE COILS	PRICE CUT
in.	mm.	in.	mm.	psi	Mpa	.in	.mm	lb/ft	kg/m		PER FT	PER FT
1/2	12.70	0.94	22.8	4000	27.5	3.94	100	0.54	0.80	EQ2508	8.67	11.99
5/8	15.9	1.06	26.8	4000	27.5	5.12	130	0.71	1.06	EQ2510	10.30	13.84
3/4	19.00	1.21	29.6	4000	27.5	6.3	160	0.94	1.13	EQ2512	11.97	15.53
1	25.40	1.50	37.4	4000	27.5	7.09	180	1.19	1.77	EQ2516	15.13	20.02

BRIDGESTONE HOSE

HQ35 HYDRAULIC HOSE

HQ35 is Bridgestone's best 5000 PSI spiral hose. It features a no skive design, smaller bend radius, less force to bend the hose and a longer impulse life.

BEND THE HOSE!



APPLICATION: For ultra high pressure hydraulic service.

TUBE: Seamless, black, oil and heat resistant NBR synthetic rubber.

REINFORCEMENT: Spiral (4) and (6) high tensile steel wire.

COVER: Black, oil, abrasion and weather resistant Neoprene synthetic rubber.

TEMPERATURE: -40°F to 250°F (-40°C to 121°C).

PACKAGING: 1/2" to 1¼"ID hose - 66ft and 131ft coils.

COUPLINGS: No skive - UB series and KN series.

NOM. ID		NOM. OD		MAX. WP		BEND RADIUS		WEIGHT		PART NUMBER	PRICE COILS	PRICE CUT
in.	mm.	in.	mm.	psi	Mpa	.in	.mm	lb/ft	kg/m		PER FT	PER FT
1/2	12.70	0.94	22.8	5000	34.5	5.51	140	0.54	0.80	HQ3508	11.55	23.06
5/8	15.9	1.06	26.8	5000	34.5	5.9	150	0.67	1.00	HQ3510	13.72	24.42
3/4	19.05	1.21	29.6	5000	34.5	8.3	210	0.94	1.13	HQ3512	15.03	25.92
1	25.40	1.50	37.4	5000	34.5	10.23	260	1.34	1.99	HQ3516	18.52	35.61
1¼	31.8	1.93	49.0	5000	34.5	12.99	330	2.48	3.8	HQ3520	39.81	61.49

BRIDGESTONE HOSE

PA21 KELLY HYDRAULIC HOSE

Bridgestone 3000 PSI high impulse wire braid hose.



APPLICATION: For high pressure hydraulic service.

TUBE: Seamless, black, oil and heat resistant NBR synthetic rubber.

REINFORCEMENT: Braided (4) high tensile steel wire.

COVER: Black, oil, abrasion and weather resistant Neoprene synthetic rubber, smooth finish.

TEMPERATURE: -40°F to 212°F (-40°C to 100°C).

PACKAGING: 131ft coil.

COUPLINGS: CP inserts with BPSH shell.

NOM. ID		NOM. OD		MAX. WP		BEND RADIUS		WEIGHT		PART NUMBER	PRICE REEL	PRICE CUT
in.	mm.	in.	mm.	psi	Mpa	.in	.mm	lb/ft	kg/m		PER FT	PER FT
2	50.8	2.60	66	3000	20.5	16.9	430	2.78	4.15	PA2132	30.49	37.31

BRIDGESTONE HOSE

SAE 100R7 HYDRAULIC HOSE



APPLICATION: For medium pressure hydraulic service.

TUBE: Seamless, Nylon 11 plastic.

REINFORCEMENT: Braided (2), Polyester yarn (KA02 - single braid).

COVER: Black Polyurethane (pin perforated).

TEMPERATURE: -40°F to 212°F (-40°C to 100°C).

PACKAGING: 1/4" to 1" ID hose - 328ft coil.

COUPLINGS: CP inserts with BP7 shell and 931 series.

NOM. ID		NOM. OD		MAX. WP		BEND RADIUS		WEIGHT		PART NUMBER	PRICE COILS	PRICE CUT
in.	mm.	in.	mm.	psi	Mpa	.in	mm	lb/ft	kg/m		PER FT	PER FT
1/8	3.2	.311	7.9	2800	19.5	.472	12	.07	.05	KA02	2.28	2.28
3/16	4.8	.4134	10.5	3700	25.5	1.38	35	.06	.09	KB03	3.36	6.04
1/4	6.3	.5815	12.9	3200	22	1.77	45	.08	.12	KB04	4.05	6.07
5/16	7.9	.5867	14.9	3000	20.5	2.36	60	.09	.14	KB05	4.38	6.71
3/8	9.5	.6654	16.9	2500	17	2.76	70	.11	.17	KB06	4.85	7.28
1/2	12.7	.8268	21.0	2300	16	4.13	105	.15	.23	KB08	8.26	12.40
3/4	19.0	1.09	27.8	1400	9.5	9.05	230	.23	.34	KB12	10.97	16.46
1	25.4	1.41	35.7	1100	7.5	11.42	290	.35	.52	KB16	13.61	20.42

PUSH ON HOSE

300 PSI PUSH ON HOSE



APPLICATION: For use with push-on fittings at maximum working pressures of 300 psi. For low pressure hydraulic, pneumatic systems such as robotics, shop air systems, general industrial, maintenance and automotive applications.

TUBE: Seamless, black, oil and heat resistant synthetic rubber.

REINFORCEMENT: Braided (1) high strength synthetic yarn laid at an angle for strength and coupling holding ability.

COVER: Black, oil, abrasion and weather resistant synthetic rubber, smooth finish.

TEMPERATURE: -40°F to 200°F (-40°C to 93°C)

PACKAGING: 1/4" to 3/4" ID hose - 250ft to 350ft reel, maximum 3 pieces, 10ft minimum.

COUPLINGS: Brass push on fittings.

NOM. ID		NOM. OD		MAX. WP		BEND RADIUS		WEIGHT		PART NUMBER	PRICE REEL	PRICE CUT
in.	mm.	in.	mm.	psi	Mpa	.in	.mm	lb/ft	kg/m			
1/4	6.35	.5	12.50	300	2.0	2.36	60	.07	.12	H9203-4	2.21	2.54
5/16	7.94	.61	15.6	300	2.0	3.0	76	.09	.14	H9203-5	2.44	2.81
3/8	9.53	.63	16	300	2.0	2.76	70	.10	.22	H9203-6	1.93	2.22
1/2	12.70	.75	19.0	300	2.0	4.72	120	.11	.16	H9203-8	2.38	2.73
5/8	15.88	.91	23.1	300	2.0	6.0	152	.18	.27	H9203-10	3.54	4.07
3/4	19.05	1.03	26.2	300	2.0	7.0	178	.21	.36	H9203-12	8.45	9.71

HYDRAULIC SUCTION HOSE

SAE 100R4 HYDRAULIC HOSE



APPLICATION: For low pressure hydraulic suction and return line service.

TUBE: Seamless, black, oil and heat resistant synthetic rubber.

REINFORCEMENT: Spiral plied synthetic fabric with wire helix.

COVER: MSHA Black, oil, abrasion and weather resistant synthetic rubber.

TEMPERATURE: -40°F to 212°F (-40°C to 100°C).

PACKAGING: 3/4" to 2" ID hose - 100ft coils.

COUPLINGS: CP inserts with BX2 shell or BNS shell.

NOM. ID		NOM. OD		MAX. WP		BEND RADIUS		WEIGHT		PART NUMBER	PRICE COILS	PRICE CUT
in.	mm.	in.	mm.	psi	Mpa	.in	.mm	lb/ft	kg/m		PER FT	PER FT
3/4	19.05	1.375	34.9	300	2.0	5	127	.41	.61	H1612	8.00	9.68
1	25.40	1.625	41.3	250	1.7	6	152	.51	.76	H1616	9.85	11.93
1¼	31.75	2.000	50.8	200	1.4	8	203	.61	.91	H1620	10.78	13.08
1½	38.10	2.250	57.2	150	1.0	10	254	.71	1.06	H1624	13.19	15.98
2	50.80	2.750	69.9	100	0.7	12	305	.91	1.36	H1632	16.23	19.67
2½	63.5	3.25	82.6	62	0.4	14	356	1.44	2.15	H1640	20.73	37.68
3	76.2	3.75	95.2	56	0.4	18	457	1.72	2.56	H1648	23.39	25.92

GOODYEAR HOSE

SAE 100R5 HYDRAULIC HOSE



APPLICATION: For medium pressure hydraulic service. Meets D.O.T. FMUSS 106.

TUBE: Seamless, black, oil and heat resistant synthetic rubber.

REINFORCEMENT: Braided (1) synthetic yarn, braided high tensile steel wire.

COVER: Black impregnated textile braid, oil and mildew resistant.

TEMPERATURE: -40°F to 275°F (-40°C to 135°C).

PACKAGING: 1/4" to 1" ID hose - 250ft to 350ft reel, maximum 3 pieces, 10ft minimum. 1 1/4" ID hose - 100ft coils.

COUPLINGS: CP inserts with BP3 shell.

NOM. ID		NOM. OD		MAX. WP		BEND RADIUS		WEIGHT		PART NUMBER	PRICE COILS	PRICE CUT
in.	mm.	in.	mm.	psi	Mpa	.in	.mm	lb/ft	kg/m		PER FT	PER FT
3/16	4.76	.5195	13.19	3000	20.6	3.0	76	.15	.22	H1304	4.13	4.75
1/4	6.35	.5815	14.77	3000	20.6	3.38	86	.19	.29	H1305	4.27	4.91
5/16	7.94	.6755	17.16	2250	15.5	4.00	102	.25	.37	H1306	4.85	5.57
13/32	10.32	.7660	19.46	2000	13.8	4.62	117	.29	.42	H1308	5.48	6.30
1.2	12.70	.9220	23.42	1750	12.0	5.50	140	.36	.49	H1310	6.50	7.48
5/8	15.88	1.078	27.38	1500	10.3	6.50	165	.45	.68	H1312	7.86	9.04
7/8	22.23	1.235	31.37	800	5.5	7.38	187	.43	.64	H1316	9.51	10.94
1 1/8	28.58	1.500	38.10	625	4.3	9.00	229	.54	.80	H1320	12.41	14.27
1 3/8	35	1.75	44.4	500	3.4	10.5	267	.73	1.09	H1324	19.60	22.54
1 13/16	46	2.22	56.4	350	2.4	13.25	337	.90	1.34	H1332	23.37	26.88

PRESSURE WASHER HOSE

3000 PSI PRESSURE WASHER HOSE



APPLICATION: For pressure washer service.

TUBE: Seamless, black, oil and heat resistant synthetic rubber.

REINFORCEMENT: Braided (1) high tensile steel wire.

COVER: MSHA Black, oil, abrasion and weather resistant synthetic rubber smooth finish.

TEMPERATURE: -40°F to 212°F (-40°C to 100°C).

PACKAGING: 3/8"ID hose - 250ft to 350ft reel, maximum 3 pieces, 10ft minimum.

COUPLINGS: CP inserts with BNS shell.

NOM. ID		NOM. OD		MAX. WP		BEND RADIUS		WEIGHT		PART NUMBER	PRICE REEL	PRICE CUT
in.	mm.	in.	mm.	psi	Mpa	.in	.mm	lb/ft	kg/m		PER FT	PER FT
3/8	9.53	.6890	17.50	3000	20.5	4.7	120	.24	.36	WB2106	2.22	2.90

HOSE WRAP

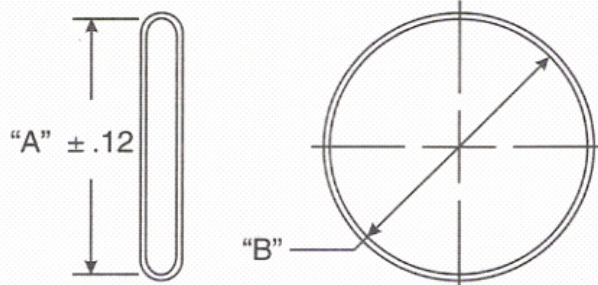
OMNIWRAP



PART #	ID	WALL THICKNESS	FEET PER ROLL	PER ROLL PRICE PER FOOT	CUT PRICE PER FOOT
OMNI-8	0.5"	0.07"	100	\$2.57	\$2.82
OMNI-12	0.75"	0.095"	100	\$3.43	\$3.75
OMNI-16	1.0"	0.12"	100	\$4.49	\$4.91
OMNI-20	1.25"	0.13"	100	\$4.85	\$5.31
OMNI-24	1.5"	0.14"	100	\$5.58	\$6.11
OMNI-32	2.0"	0.16"	100	\$6.47	\$7.07
OMNI-40	2.5"	0.21"	50	\$9.00	\$9.84
OMNI-48	3.0"	0.22"	35	\$14.69	\$16.06
OMNI-56	3.5"	0.25"	25	\$15.45	\$16.90
OMNI-64	4.0"	0.25"	20	\$20.00	\$21.88
OMNI-96	6.0"	0.25"	15	\$27.61	\$30.19

HOSE GUARD

NYLON HOSE GUARD



PART #	DIMENSION - "A"	NOMINAL ID - "B"	LIST PRICE (per foot - 50 or 100ft lengths)
NHC-4FJ	1.25"	0.688"	\$1.53
NHC-6FJ-8FJ	1.87"	0.875"	\$2.50
NHC-10FJ	2.0"	1.04"	\$3.47
NHC-12FJ	2.19"	1.14"	\$2.61
NHC-16FJ	3.63"	1.88"	\$3.77
NHC-20FJ	3.81"	2.25"	\$4.58
NHC-24FJ	4.25"	2.66"	\$5.06
NHC-32FJ	5.81"	3.19"	\$6.48

HOSE GUARD

SPRING GUARD



PART #	INSIDE DIAMETER (inches)	HOSE	LENGTHS (feet)	LIST PRICE (per foot)
SG-060	0.6	H1304, H1804, H1904	10	\$2.27
SG-066	0.66	H1305	10	\$2.39
SG-072	.72	H1306, H1806	10	\$2.31
SG-084	0.84	H1308, H1808, H1906, H2206	10	\$1.95
SG-097	0.97	EQ2508, HQ3508, H1310, H1908, H2208	10	\$2.47
SG-106	1.06	EQ2510, HQ3510, H1910	10	\$4.61
SG-113	1.13	H1312, H1812, H2210	10	\$3.06
SG-122	1.22	EQ2512, HQ3512, H1912, H2212	10	\$5.09
SG-131	1.31	H1316, H2412	10	\$3.58
SG-155	1.55	EQ2516, HQ3516, H1320, H1612, H1816, H1916, H2216, H2416	10	\$5.33
SG-166	1.66	H1616	10	\$5.73
SG-182	1.82	HQ3520, H1324, H1820	10	\$5.80
SG-209	2.09	H1620, H1920, H2220, H2420	10	\$4.77
SG-220	2.2	H1924, H2224	10	\$5.57
SG-232	2.32	H1332, H1624, H2424	10	\$5.33
SG-270	2.7	H1932, H2232	10	\$6.29
SG-292	2.92	H1632, H2432	10	\$8.75