

BN120



SAE 100R1AT - EN853 1SN - MSHA

Tube: Black; oil resistant synthetic rubber

Reinforcement: One steel wire braid

Cover: Wrapped, black, oil, abrasion and weather resistant synthetic rubber, MSHA approved

Temperature: -40°C to +100°C (-40°F to +212°F), intermittent use up to +121°C (+250°F)

Packaging: 3/16" - 1" Reels, 1 1/4" - 2" Coils



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight lbs/ft	One Piece Coupling		Two Piece Coupling
	in	mm	in	mm	psi	MPa	psi	MPa	in	mm		E	N	
BN120-03	3/16	11.6	0.46	11.6	3,625	25.0	14,500	100.0	3.5	90	0.11	E		110 - W
BN120-04	1/4	13.2	0.52	13.2	3,265	22.5	13,060	90.0	4.0	100	0.14	E		110 - W
BN120-05	5/16	14.8	0.58	14.8	3,120	21.5	12,480	86.0	4.5	115	0.18	E		110 - W
BN120-06	3/8	17.2	0.68	17.2	2,610	18.0	10,440	72.0	5.0	130	0.22	E	N	110 - W
BN120-08	1/2	20.4	0.80	20.4	2,320	16.0	9,280	64.0	7.0	180	0.27	E	N	110 - W
BN120-12	3/4	27.5	1.08	27.5	1,525	10.5	6,100	42.0	9.5	240	0.38	E	N	110 - W
BN120-16	1	35.4	1.39	35.4	1,275	8.7	5,100	34.8	12.0	300	0.60	E	N	110 - W
BN120-20	1 1/4	43.5	1.71	43.5	915	6.2	3,660	24.8	16.5	420	0.80	E	N	110 - W
BN120-24	1 1/2	50.0	1.97	50.0	725	5.0	2,900	20.0	20.0	500	1.08	E	N	110 - W
BN120-32	2	63.6	2.50	63.6	580	4.0	2,320	16.0	25.0	630	1.52	E	N	110 - W

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Braided Hose

BN160



SAE 100R17 - MSHA

Tube: Nitrile

Reinforcement: One wire braid

Cover: Smooth, black, oil, abrasion and weather resistant synthetic rubber, MSHA approved

Temperature: -40°C to +100°C (-40°F to +212°F)

Packaging: Reels



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight	One Piece Coupling	Two Piece Coupling
	in	mm	in	mm	psi	MPa	psi	MPa	in	mm			
BN160-04	¼	0.48	12.2	3,000	21.0	12,000	84.0	2.0	51	0.12	E	190 - W	
BN160-06	⅜	0.61	15.5	3,000	21.0	12,000	84.0	2.6	65	0.19	E	190 - W	
BN160-08	½	0.75	19.1	3,000	21.0	12,000	84.0	3.5	90	0.24	E	110 - W	

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Braided Hose

BN175



SAE 100R17 - MSHA

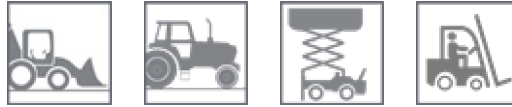
Tube: Nitrile

Reinforcement: ¼" thru ½" One wire braid, ¾" thru 1" Two wire braids

Cover: Wrapped black, oil, abrasion and weather resistant synthetic rubber, MSHA approved

Temperature: -40°C to +100°C (-40°F to +212°F), intermittent use up to +125°C (+257°F)

Packaging: Reels



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight	One Piece Coupling	Two Piece Coupling
	in	mm	in	mm	psi	MPa	psi	MPa	in	mm			
BN175-04	¼	0.48	12.2	3,000	21.0	12,000	84.0	1.5	38	0.12	E	190 - W	
BN175-06	⅜	0.61	15.5	3,000	21.0	12,000	84.0	2.0	50	0.19	E	190 - W	
BN175-08	½	0.75	19.1	3,000	21.0	12,000	84.0	2.8	71	0.24	E	110 - W	
BN250-12	¾	1.10	27.7	3,125	21.5	12,500	86.0	3.7	95	0.56	E	N	110 - W
BN250-16	1	1.42	36.0	3,000	21.0	12,000	84.0	4.5	114	0.83	E	N	110 - W

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT NOTICE.

BN200



SAE 100R2AT - EN853 2SN

Tube: Nitrile

Reinforcement: Two braids of high tensile steel wire

Cover: Smooth black, oil, high abrasion and weather resistant synthetic rubber

Temperature: -40°C to +100°C (-40°F to +212°F)

Packaging: Reels



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight	One Piece Coupling		Two Piece Coupling
	in	in	mm	psi	MPa	psi	MPa	in	mm	lbs/ft				
BN200-04	1/4	0.59	15.1	5,800	40.0	24,000	165.0	3.9	100	0.24	E		210 - W	
BN200-06	3/8	0.74	19.1	5,000	35.0	20,000	140.0	5.0	130	0.34	E	N	210 - W	
BN200-08	1/2	0.88	22.2	4,000	27.5	16,000	111.0	7.1	180	0.43	E	N	210 - W	
BN200-10	5/8	0.99	25.2	3,625	25.0	14,500	100.0	7.9	200	0.49	E	N	210 - W	
BN200-12	3/4	1.16	29.4	3,125	21.5	12,480	86.0	9.5	241	0.61	E	N	210 - W	
BN200-16	1	1.50	38.1	2,400	16.5	9,600	66.2	11.8	300	0.88	E	N	210 - W	

BN220



SAE 100R2AT - EN853 2SN - MSHA

Tube: Nitrile

Reinforcement: Two braids of high tensile steel wire

Cover: Wrapped black, oil, high abrasion and weather resistant synthetic rubber

Temperature: -40°C to +100°C (-40°F to +212°F), intermittent use up to 121°C (250°F)

Packaging: Reels



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight	One Piece Coupling		Two Piece Coupling
	in	in	mm	psi	MPa	psi	MPa	in	mm	lbs/ft				
BN220-04	1/4	0.55	14.0	5,800	40.0	24,000	160.0	4.0	102	0.23	E		210 - W	
BN220-06	3/8	0.71	18.3	5,000	35.0	20,000	140.0	5.0	127	0.33	E	N	210 - W	
BN220-08	1/2	0.84	21.4	4,000	27.5	16,000	111.0	7.0	178	0.42	E	N	210 - W	
BN220-10	5/8	0.96	24.5	3,625	25.0	14,500	100.0	8.1	205	0.48	E	N	210 - W	
BN220-12	3/4	1.12	28.5	3,125	21.5	12,480	86.0	9.5	241	0.60	E	N	210 - W	
BN220-16	1	1.43	36.3	2,400	16.5	9,600	66.2	12.0	305	0.86	E	N	210 - W	

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BN250



SAE 100R16 - EN857 2SC - MSHA

Tube: Nitrile

Reinforcement: Two braids of high tensile steel wire

Cover: Wrapped, black, oil, high abrasion and weather resistant synthetic rubber, MSHA

Temperature: -40°C to +100°C (-40°F to +212°F), intermittent use up to 121°C (250°F)

Packaging: Reels



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight lbs/ft	One Piece Coupling		Two Piece Coupling
	in	mm	in	mm	psi	MPa	psi	MPa	in	mm		E	N	
BN250-04	1/4	0.53	13.4	5,800	40.0	23,220	160.0	2.0	50	0.17	E		110 - W	
BN250-06	3/8	0.67	17.1	5,000	35.0	20,000	140.0	2.6	65	0.27	E	N	110 - W	
BN250-08	1/2	0.81	20.7	4,250	29.5	17,000	118.0	3.5	90	0.34	E	N	110 - W	
BN250-10	5/8	0.94	23.8	3,625	25.0	14,500	100.0	3.9	100	0.37	E	N	110 - W	
BN250-12	3/4	1.09	27.7	3,125	21.5	12,500	86.0	4.7	120	0.50	E	N	110 - W	
BN250-16	1	1.42	36.0	3,000	21.0	12,000	84.0	5.9	150	0.77	E	N	110 - W	

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Braided Hose

BN300 Extended Service Exceeds SAE 100R16 - EN857 2SC - MSHA



Tube: Nitrile

Reinforcement: Two braids of ultra high tensile steel wire

Cover: 1/4" - 1" Smooth black high abrasion, oil and weather resistant synthetic rubber, MSHA

1-1/4" - 3" Wrapped black high abrasion, oil and weather resistant synthetic rubber, MSHA

Temperature: -54°C to +120°C (-65°F to +250°F)

Packaging: 3/16" - 1" Reels, 1-1/4" - 3" Coils



Higher Pressure
2x Abrasion Resistance
1,000,000 Impulse



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight lbs/ft	One Piece Coupling		Two Piece Coupling
	in	mm	in	mm	psi	MPa	psi	MPa	in	mm		E	N	
BN300-04	1/4	0.52	13.3	6,200	43.0	24,800	172.0	2.0	50	0.19	E		110 - W	
BN300-05	5/16	0.58	14.8	5,800	40.0	23,200	160.0	2.4	60	0.22	E		110 - W	
BN300-06	3/8	0.67	17.1	5,000	35.0	20,000	140.0	2.8	70	0.28	E	N	110 - W	
BN300-08	1/2	0.80	20.4	4,500	31.0	18,000	124.0	3.2	80	0.35	E	N	110 - W	
BN300-10	5/8	0.92	23.5	4,000	28.0	16,000	112.0	3.9	100	0.42	E	N	110 - W	
BN300-12	3/4	1.08	27.6	3,500	24.0	14,000	96.0	4.7	120	0.51	E	N	110 - W	
BN300-16	1	1.40	35.8	3,000	21.0	12,000	84.0	6.3	160	0.79	E	N	110 - W	
BN300-20	1 1/4	1.68	43.1	2,320	16.0	9,280	64.0	9.8	250	1.00	E	N	110 - W	
BN300-24	1 1/2	1.97	50.6	2,175	15.0	8,700	60.0	10.2	260	1.43	E	N	110 - W	
BN300-32	2	2.48	63.5	1,450	10.0	5,800	40.0	14.1	360	1.88	E	N	110 - W	
BN300-40	2 1/2	3.02	76.5	1,160	8.0	4,640	32.0	23.7	600	2.17			110 - W	
BN300-48	3	3.46	88.0	945	6.5	3,780	26.0	30.0	760	2.34			110 - W	

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BN170T



SAE 100R17 - EN857 1SC

Tube: Nitrile

Reinforcement: One wire braid of high tensile steel wire.

Cover: Smooth black, oil, abrasion and weather resistant synthetic rubber, MSHA approved

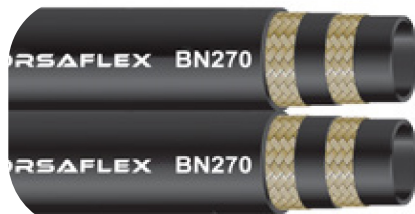
Temperature: -40°C to +121°C (-40°F to +250°F), intermittent use up to +135°C (+275°F)

Packaging: Coils



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight lbs/ft	One Piece Coupling	Two Piece Coupling
	in	mm	in	mm	psi	MPa	psi	MPa	in	mm			
BN170T-06	3/8	9.5	0.62	15.7	3,625	25.0	14,500	100.0	2.4	60	0.28	E	190 - W

BN270T



SAE 100R16 - EN857 2SC

Tube: Nitrile

Reinforcement: Two braids of high tensile steel wire

Cover: Smooth black, oil, high abrasion and weather resistant synthetic rubber

Temperature: -40°C to +121°C (-40°F to +250°F), intermittent use up to +135°C (+275°F)

Packaging: Coils



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight lbs/ft	One Piece Coupling	Two Piece Coupling
	in	mm	in	mm	psi	MPa	psi	MPa	in	mm			
BN270T-06	3/8	9.5	0.67	17.1	5,000	35.0	20,000	140.0	2.8	70	0.84	E	110 - W
BN270T-08	1/2	12.7	0.81	20.5	4,500	31.0	18,000	124.0	3.2	80	1.04	E	110 - W