



SN300 Extended Service Exceeds SAE 100R12 - EN856 4SP/4SH - MSHA



Tube: Nitrile
Reinforcement: High tensile steel four spiral wire
Cover: Wrapped, black, synthetic rubber, high abrasion resistant, meets requirements of MSHA fire resistance standards
Temperature: -54°C to +121°C (-65°F to +250°F)
Packaging: 3/8" - 3/4" reels/coils, 1" - 2" coils

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



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		lbs/ft		
SN300-06	3/8	20.2	0.80	20.2	6,000	42.0	24,000	168.0	3.8	95	0.44	N		460 - W
SN300-08	1/2	23.8	0.94	23.8	6,000	42.0	24,000	168.0	4.3	110	0.51	N		460 - W
SN300-10	5/8	27.4	1.08	27.4	6,000	42.0	24,000	168.0	5.5	140	0.63	N		460 - W
SN300-12	3/4	30.6	1.20	30.6	5,000	35.0	20,000	140.0	6.7	170	0.75	N	V	460 - W
SN300-16	1	37.6	1.49	37.6	5,500	38.5	22,000	154.0	8.7	220	1.14	N	V	460 - W
SN300-20	1 1/4	47.5	1.87	47.5	5,000	35.0	20,000	140.0	15.0	380	1.63	N		VS 464 - W
SN300-24	1 1/2	53.5	2.12	53.5	4,300	30.0	17,200	120.0	17.7	450	1.97	N		VS 464 - W
SN300-32	2	67.0	2.63	67.0	3,600	25.0	14,400	100.0	19.7	500	2.98	N		VS 464 - W

SN500 Extended Service SAE 100R13 - EN856 R13 - MSHA



Tube: Nitrile
Reinforcement: High tensile steel six spiral wire
Cover: Wrapped, black, synthetic rubber, high abrasion resistant, meets requirements of MSHA fire resistant standards
Temperature: -54°C to +121°C (-65°F to +250°F)
Packaging: Coils

2x Abrasion Resistance
 1,000,000 Impulse



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight	One Piece Coupling
	in	mm	in	mm	psi	MPa	psi	MPa	in	mm		
SN500-24	1 1/2	57.8	2.28	57.8	5,000	35.0	20,000	140.0	20.0	500	3.50	VS
SN500-32	2	71.5	2.81	71.5	5,000	35.0	20,000	140.0	25.0	635	4.60	VS

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

SZ400



EN856 4SH

Tube: Nitrile

Reinforcement: Four spirals of high tensile steel

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

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

Packaging: Coils



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight	One Piece Coupling	
	in	in	mm	psi	MPa	psi	MPa	in	mm	lbs/ft			
SZ400-12	¾	1.26	32.0	6,100	42.5	24,400	170.0	11.0	280	1.03	N	V	
SZ400-16	1	1.51	38.4	5,500	39.0	22,000	152.0	13.3	340	1.44	N	V	
SZ400-20	1¼	1.78	45.2	5,000	35.0	20,000	140.0	18.1	460	1.68	N	VS	
SZ400-24	1½	2.09	53.0	4,300	30.0	17,200	120.0	22.0	560	2.24	N	VS	
SZ400-32	2	2.66	67.6	3,600	25.0	14,400	100.0	27.5	700	3.08	N	VS	

SZ500



SAE 100R13 - EN856 R13

Tube: Nitrile

Reinforcement: 6 spirals of high tensile steel

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

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

Packaging: Coils



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight	One Piece Coupling	
	in	in	mm	psi	MPa	psi	MPa	in	mm	lbs/ft			
SZ500-24	1½	2.26	57.6	5,000	35.0	20,000	140.0	19.6	500	3.40	VS		
SZ500-32	2	2.82	71.6	5,000	35.0	20,000	140.0	24.8	630	4.40	VS		

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SN600



SAE 100R15 - ISO3862 R15 - MSHA

Tube: Nitrile
 Reinforcement: ¾ & 1" 4 spirals, 1¼ thru 2" 6 spirals of high tensile steel wire
 Cover: Wrapped black, oil, abrasion and weather resistant synthetic rubber,
 MSHA approved
 Temperature: -54°C to +121°C (-65°F to +250°F)
 Packaging: Coils



2x Abrasion Resistant
 1,000,000 Impulse



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight	One Piece Coupling		
	in	in	mm	psi	MPa	psi	MPa	in	mm	lbs/ft				
SN600-12	¾	1.20	30.7	6,000	42.0	24,000	168.0	8.3	210	0.98	V			
SN600-16	1	1.52	38.7	6,000	42.0	24,000	168.0	9.4	240	1.42	V			
SN600-20	1¼	1.97	50.0	6,000	42.0	24,000	168.0	10.4	265	2.62		VS		
SN600-24	1½	2.27	57.6	6,000	42.0	24,000	168.0	12.2	310	3.48		VS		
SN600-32	2	2.95	75.0	6,000	42.0	24,000	168.0	23.2	590	4.63			X	

SN650 Compact



EXCEEDS SAE 100R15 - ISO3862 R15 - MSHA

Tube: Nitrile
 Reinforcement: ¾ & 1" 4 spirals, 1¼ 6 spirals of high tensile steel wire
 Cover: Wrapped black, oil, abrasion and weather resistant synthetic rubber,
 MSHA approved
 Temperature: -54°C to +121°C (-65°F to +250°F)
 Packaging: Coils



2x Abrasion Resistant
 1,000,000 Impulse



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight	One Piece Coupling		
	in	in	mm	psi	MPa	psi	MPa	in	mm	lbs/ft				
SN650-12	¾	1.20	30.6	6,000	42.0	24,000	168.0	4.7	120	0.98	V			
SN650-16	1	1.50	38.1	6,000	42.0	24,000	168.0	5.9	150	1.32	V			
SN650-20	1¼	1.90	48.2	6,000	42.0	24,000	168.0	8.3	210	2.30		VS		

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CT30



SAE 100R12 - EN856 R12 - MSHA

Tube: Seamless, black, oil and heat resistant synthetic rubber
Reinforcement: Four spirals of high tensile wire
Cover: Wrapped black, oil, abrasion and weather resistant synthetic rubber, MSHA
Temperature: -40°C to +100°C (-40°F to +212°F)
Packaging: Coils



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight lbs/ft	One Piece Coupling
	in	in	mm	psi	MPa	psi	MPa	in	mm			
CT30-06	3/8	0.80	20	4,000	28.0	16,000	112.0	2.5	64	0.40	N	
CT30-08	1/2	0.94	24	4,000	28.0	16,000	112.0	3.5	89	0.54	N	
CT30-10	5/8	1.08	27	4,000	28.0	16,000	112.0	4.0	102	0.74	N	
CT30-12	3/4	1.21	31	4,000	28.0	16,000	112.0	4.8	121	0.94	N	
CT30-16	1	1.50	38	4,000	28.0	16,000	112.0	6.0	153	1.34	N	
CT30-20	1 1/4	1.85	47	3,000	21.0	12,000	84.0	8.3	210	1.74	N	
CT30-24	1 1/2	2.10	53	2,500	17.5	10,000	70.0	10.0	254	2.01	N	
CT30-32	2	2.63	67	2,500	17.5	10,000	70.0	12.5	318	2.75	N	

* Hose can also be used with OEM reuseable couplings.

CT50



SAE 100R13 - EN856 - MSHA

Tube: Seamless, black, oil and heat resistant synthetic rubber
Reinforcement: 3/4 & 1" 4 spirals, 1 1/4 thru 2" 6 spirals of high tensile steel
Cover: Wrapped, black, oil, abrasion and weather resistant synthetic rubber, MSHA
Temperature: -40°C to +100°C (-40°F to +212°F)
Packaging: Coils



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight lbs/ft	One Piece Coupling
	in	in	mm	psi	MPa	psi	MPa	in	mm			
CT50-12	3/4	1.26	32.0	5,000	34.5	20,000	137.9	4.8	121	1.07	V	
CT50-16	1	1.52	39.0	5,000	34.5	20,000	137.9	6.0	152	1.40	V	
CT50-20	1 1/4	1.96	50.0	5,000	34.5	20,000	137.9	8.3	210	2.48		
CT50-24	1 1/2	2.26	57.0	5,000	34.5	20,000	137.9	10.0	254	3.22		
CT50-32	2	2.80	71.0	5,000	34.5	20,000	137.9	25.0	650	5.03		

* Hose can also be used with OEM reuseable couplings.

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CT60

SAE 100R15 - MSHA



Tube: Black; oil resistant synthetic rubber

Reinforcement: ¾ & 1" 4 spirals, 1¼ thru 2" 6 spirals of high tensile steel

Cover: Wrapped, black, oil, water, ozone & flame resistant synthetic rubber

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

Packaging: Coils



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight lbs/ft	One Piece Coupling
	in	mm	in	mm	psi	MPa	psi	MPa	in	mm		
CT60-12	¾	19.0	1.13	28.7	6,000	41.4	24,000	165.5	5.2	133	1.09	V
CT60-16	1	25.4	1.39	35.3	6,000	41.4	24,000	165.5	6.5	165	1.46	V
CT60-20	1¼	31.8	1.77	45.0	6,000	41.4	24,000	165.5	8.7	222	2.40	VS
CT60-24	1½	38.1	2.03	51.6	6,000	41.4	24,000	165.5	10.5	267	3.02	VS
CT60-32	2	50.8	2.73	69.5	6,000	41.4	24,000	165.5	26.0	660	4.09	

* Hose can also be used with OEM reusable couplings.