



C5E High-Temp Flexline Hose

DOT FMVSS 106 Type AI, SAE J1019 and SAE J1402 Type AI (-4 to -12).

Recommended For: Air brake hose, power steering (CAUTION: Intended for heavy-duty commercial vehicle use only), fuel filter, engine and transmission coolant lines, and hot (+300°F) lube oil lines.

Tube: Black, oil and heat resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire over one braid of polyester.

Cover: Black, oil and heat resistant, textile braid impregnated with synthetic rubber. Green stripe for easy identification.

Temperature Range: -40°F to +300°F (-40°C to +149°C). Air +250°F (+121°C) maximum only. For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 35019):
C5E Field Attachable Couplings



Description	Product No.						Packaging	Standard Pack
4C5EXREEL	3658-0210	3/16	0.49	1,500	6,000	.8	G	440
5C5EXREEL	3658-0211	1/4	0.55	1,500	6,000	1.0	G	385
6C5EXREEL	3658-0212	5/16	0.61	1,500	6,000	1.3	G	385
8C5EXCTN	3658-0203	13/32	0.73	1,250	5,000	1.8	D	475
8C5EXREEL	3658-0213	13/32	0.73	1,250	5,000	1.8	H	330
10C5EXCTN	3658-0204	1/2	0.83	1,250	5,000	2.3	D	330
10C5EXREEL	3658-0214	1/2	0.83	1,250	5,000	2.3	H	275
12C5EXCTN	3658-0205	5/8	0.95	750	3,000	2.8	D	200
12C5EXREEL	3658-0215	5/8	0.95	750	3,000	2.8	H	220
16C5EXREEL	3658-0216	7/8	1.20	400	1,600	3.5	H	165
20C5EXCTN	3658-0207	1 1/8	1.49	300	1,250	4.5	D	100

NOTE: Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings. See Engineering and Technical Data Section for compliance.

Nylon Air Brake Tubing—Black

Recommended For: Truck, bus and mobile air brake, and service lines where heat and battery acids are not present. Conforms to SAE J844 specifications. Meets D.O.T. FMVSS 106-74.

Tube: Heat and light stabilized seamless extruded nylon.

Reinforcement: Type A: Non-reinforced in sizes 1/8", 5/32", 3/16" and 1/4". NOTE: 1/8" and 5/32" are NOT recognized by D.O.T. for air brake systems, these are for service lines only.

Type B: Reinforced with one open ply of fibrous nylon in sizes 5/16", 3/8", 1/2", 5/8" and 3/4".

Cover: Nylon. Black (NABTA). Other colors available upon request.

Temperature Range: -40°F to +200°F (-40°C to +93°C).

Coupling Recommendation (See Crimp Data Manual 35019):
Gates DOT SureLok™ Couplings



Description	Product No.		Type				Packaging	Standard Pack
2NABTAXLG REEL	4327-0117	1/8	A	150	800	.37	T	1000
4NABTAXLG REEL	4327-0101	1/4	A	150	960	1.0	T	1000
5NABTAXREEL	4327-0120	5/16	B	150	800	1.25	T	500
6NABTAXLG REEL	4327-0201	3/8	B	150	1,120	1.5	T	1000
6NABTAXREEL	4327-0126	3/8	B	150	1,120	1.5	T	500
8NABTAXREEL	4327-0112	1/2	B	150	760	2.0	T	500
10NABTAXREEL	4327-0115	5/8	B	150	720	2.5	T	250
12NABTAXREEL	4327-0116	3/4	B	150	640	3.0	T	250



Nylon Air Brake Tubing—Green



Recommended For: Truck, bus and mobile air brake, and service lines where heat and battery acids are not present. Conforms to SAE J844 specifications. Meets D.O.T. FMVSS 106-74.

Tube: Heat and light stabilized seamless extruded nylon.

Reinforcement: Type A: Non-reinforced in sizes 1/8", 5/32", 3/16" and 1/4". NOTE: 1/8" and 5/32" are NOT recognized by D.O.T. for air brake systems, these are for service lines only.

Type B: Reinforced with one open ply of fibrous nylon in sizes 5/16", 3/8", 1/2", 5/8" and 3/4".

Cover: Nylon. Green (NABTG). Other colors available upon request.

Temperature Range: -40°F to +200°F (-40°C to +93°C).

Coupling Recommendation (See Crimp Data Manual 35019):

Gates DOT SureLok™ Couplings



Description	Product No.	Ø	Type	Ø	Ø	Ø	Packaging	Standard Pack
4NABTGXREEL	4327-0104	1/4	A	150	960	1.0	T	1000
6NABTGXLG REEL	4327-1003	3/8	B	150	1,120	1.25	T	1000
6NABTGXREEL	4327-0129	3/8	B	150	760	1.25	T	500
8NABTGXREEL	4327-0132	1/2	B	150	720	2.0	T	500
10NABTGXREEL	4327-1006	5/8	B	150	640	3.5	T	250

Nylon Air Brake Tubing—Red

Recommended For: Truck, bus and mobile air brake, and service lines where heat and battery acids are not present. Conforms to SAE J844 specifications. Meets D.O.T. FMVSS 106-74.

Tube: Heat and light stabilized seamless extruded nylon.

Reinforcement: Type A: Non-reinforced in sizes 1/8", 5/32", 3/16" and 1/4". NOTE: 1/8" and 5/32" are NOT recognized by D.O.T. for air brake systems, these are for service lines only.

Type B: Reinforced with one open ply of fibrous nylon in sizes 5/16", 3/8", 1/2", 5/8" and 3/4".

Cover: Nylon. Red (NABTR). Other colors available upon request.

Temperature Range: -40°F to +200°F (-40°C to +93°C).

Coupling Recommendation (See Crimp Data Manual 35019):

Gates DOT SureLok™ Couplings



Description	Product No.	Ø	Type	Ø	Ø	Ø	Packaging	Standard Pack
4NABTRXREEL	4327-0105	1/4	A	150	960	1.0	T	1000
6NABTRXLG REEL	4327-1005	3/8	B	150	1,120	1.25	T	1000
6NABTRXREEL	4327-0127	3/8	B	150	1,120	1.25	T	500
8NABTRXREEL	4327-0131	1/2	B	150	760	2.0	T	500
10NABTRXREEL	4327-1007	5/8	B	150	720	3.5	T	250





Nylon Air Brake Tubing—Blue

Recommended For: Truck, bus and mobile air brake, and service lines where heat and battery acids are not present. Conforms to SAE J844 specifications. Meets D.O.T. FMVSS 106-74.

Tube: Heat and light stabilized seamless extruded nylon.

Reinforcement: Type A: Non-reinforced in sizes 1/8", 5/32", 3/16" and 1/4". NOTE: 1/8" and 5/32" are NOT recognized by D.O.T. for air brake systems, these are for service lines only.

Type B: Reinforced with one open ply of fibrous nylon in sizes 5/16", 3/8", 1/2", 5/8" and 3/4".

Cover: Nylon. Blue (NABTB). Other colors available upon request.

Temperature Range: -40°F to +200°F (-40°C to +93°C).

Coupling Recommendation (See Crimp Data Manual 35019):

Gates DOT SureLok™ Couplings



Description	Product No.	Ø	Type	1/8"	1/4"	3/8"	Packaging	Standard Pack
4NABTBXLG REEL	4327-1001	1/4	A	150	960	1.0	T	5000
4NABTBXREEL	4327-0102	1/4	B	150	960	1.0	T	1000
6NABTBXLG REEL	4327-1002	3/8	B	150	1,120	1.25	T	1000
6NABTBXREEL	4327-0128	3/8	B	150	1,120	1.25	T	500
8NABTBXREEL	4327-0133	1/2	B	150	760	2.0	T	500
10NABTBXREEL	4327-0134	5/8	B	150	720	2.5	T	250

Nylon Air Brake Tubing—Yellow

Recommended For: Truck, bus and mobile air brake, and service lines where heat and battery acids are not present. Conforms to SAE J844 specifications. Meets D.O.T. FMVSS 106-74.

Tube: Heat and light stabilized seamless extruded nylon.

Reinforcement: Type A: Non-reinforced in sizes 1/8", 5/32", 3/16" and 1/4". NOTE: 1/8" and 5/32" are NOT recognized by D.O.T. for air brake systems, these are for service lines only.

Type B: Reinforced with one open ply of fibrous nylon in sizes 5/16", 3/8", 1/2", 5/8" and 3/4".

Cover: Nylon. Yellow (NABTY). Other colors available upon request.

Temperature Range: -40°F to +200°F (-40°C to +93°C).

Coupling Recommendation (See Crimp Data Manual 35019):

Gates DOT SureLok™ Couplings



Description	Product No.	Ø	Type	1/8"	1/4"	3/8"	Packaging	Standard Pack
4NABTYXREEL	4327-0107	1/4	A	150	960	1.0	T	1000
6NABTYXREEL	4327-0111	3/8	B	150	1,120	1.25	T	1000
8NABTYXREEL	4327-0130	1/2	B	150	760	2.0	T	500
10NABTYXREEL	4327-0135	5/8	B	150	720	2.5	T	250

Nylon Air Brake Tubing—Orange

Recommended For: Truck, bus and mobile air brake, and service lines where heat and battery acids are not present. Conforms to SAE J844 specifications. Meets D.O.T. FMVSS 106-74.

Tube: Heat and light stabilized seamless extruded nylon.

Reinforcement: Type A: Non-reinforced in sizes 1/8", 5/32", 3/16" and 1/4". NOTE: 1/8" and 5/32" are NOT recognized by D.O.T. for air brake systems, these are for service lines only.

Type B: Reinforced with one open ply of fibrous nylon in sizes 5/16", 3/8", 1/2", 5/8" and 3/4".

Cover: Nylon. Orange (NABTO). Other colors available upon request.

Temperature Range: -40°F to +200°F (-40°C to +93°C).

Coupling Recommendation (See Crimp Data Manual 35019):

Gates DOT SureLok™ Couplings



Description	Product No.	Ø	Type	1/8"	1/4"	3/8"	Packaging	Standard Pack
6NABTOXREEL	4327-1004	3/8	B	150	1,120	1.25	T	1000
8NABTOXREEL	4327-0137	1/2	B	150	760	2.0	T	500
10NABTOXREEL	4327-0138	5/8	B	150	720	2.5	T	250

Nylon Air Brake Tubing—Purple



Recommended For: Truck, bus and mobile air brake, and service lines where heat and battery acids are not present. Conforms to SAE J844 specifications. Meets D.O.T. FMVSS 106-74.

Tube: Heat and light stabilized seamless extruded nylon.

Reinforcement: Type A: Non-reinforced in sizes 1/8", 5/32", 3/16" and 1/4". NOTE: 1/8" and 5/32" are NOT recognized by D.O.T. for air brake systems, these are for service lines only.





Type B: Reinforced with one open ply of fibrous nylon in sizes 5/16", 3/8", 1/2", 5/8" and 3/4".

Cover: Nylon. Purple (NABTP). Other colors available upon request.

Temperature Range: -40°F to +200°F (-40°C to +93°C).

Coupling Recommendation (See Crimp Data Manual 35019):
Gates DOT SureLok™ Couplings



Description	Product No.		Type				Packaging	Standard Pack
4NABTPXLG REEL	4327-0125	1/4	A	150	960	1.0	T	1000

Nylon Air Brake Tubing—Brown

Recommended For: Truck, bus and mobile air brake, and service lines where heat and battery acids are not present. Conforms to SAE J844 specifications. Meets D.O.T. FMVSS 106-74.

Tube: Heat and light stabilized seamless extruded nylon.

Reinforcement: Type A: Non-reinforced in sizes 1/8", 5/32", 3/16" and 1/4". NOTE: 1/8" and 5/32" are NOT recognized by D.O.T. for air brake systems, these are for service lines only.





Type B: Reinforced with one open ply of fibrous nylon in sizes 5/16", 3/8", 1/2", 5/8" and 3/4".

Cover: Nylon. Brown (NABTN). Other colors available upon request.

Temperature Range: -40°F to +200°F (-40°C to +93°C).

Coupling Recommendation (See Crimp Data Manual 35019):
Gates DOT SureLok™ Couplings



Description	Product No.		Type				Packaging	Standard Pack
4NABTNXREEL	4327-0103	1/4	A	150	960	1.0	T	1000
6NABTNXREEL	4327-0109	3/8	B	150	1,120	1.25	T	1000

Nylon Air Brake Tubing—Silver

Recommended For: Truck, bus and mobile air brake, and service lines where heat and battery acids are not present. Conforms to SAE J844 specifications. Meets D.O.T. FMVSS 106-74.

Tube: Heat and light stabilized seamless extruded nylon.

Reinforcement: Type A: Non-reinforced in sizes 1/8", 5/32", 3/16" and 1/4". NOTE: 1/8" and 5/32" are NOT recognized by D.O.T. for air brake systems, these are for service lines only.





Type B: Reinforced with one open ply of fibrous nylon in sizes 5/16", 3/8", 1/2", 5/8" and 3/4".

Cover: Nylon. Silver (NABTS). Other colors available upon request.

Temperature Range: -40°F to +200°F (-40°C to +93°C).

Coupling Recommendation (See Crimp Data Manual 35019):
Gates DOT SureLok™ Couplings



Description	Product No.		Type				Packaging	Standard Pack
4NABTSXREEL	4327-0106	1/4	A	150	960	1.0	T	1000
8NABTSXREEL	4327-0114	1/2	B	150	760	2.0	T	500





Nylon Air Brake Tubing—White

Recommended For: Truck, bus and mobile air brake, and service lines where heat and battery acids are not present. Conforms to SAE J844 specifications. Meets D.O.T. FMVSS 106-74.

Tube: Heat and light stabilized seamless extruded nylon.

Reinforcement: Type A: Non-reinforced in sizes 1/8", 5/32", 3/16" and 1/4". NOTE: 1/8" and 5/32" are NOT recognized by D.O.T. for air brake systems, these are for service lines only.

Type B: Reinforced with one open ply of fibrous nylon in sizes 5/16", 3/8", 1/2", 5/8" and 3/4".





Cover: Nylon. White (NABTW). Other colors available upon request.

Temperature Range: -40°F to +200°F (-40°C to +93°C).

Coupling Recommendation (See Crimp Data Manual 35019):

Gates DOT SureLok™ Couplings



Description	Product No.		Type				Packaging	Standard Pack
6NABTWXREEL	4327-0110	3/8	B	150	1,120	1.25	T	1000

C14 Teflon® Hose—SAE 100R14 Type A—Nonconductive

Recommended For: Air compressor discharge, hot oil and fluids, hot and greasy environments.

Cover/Reinforcement: One braid of 300 Series stainless steel wire.










Temperature Range: Dynamic: -65°F to +400°F (-54°C to +204°C). Static: -65°F to +450°F (-54°C to +232°C).

C14 Tube: Type A-Nonconductive white, smooth bore Polytetrafluoroethylene (PTFE). See Hose Stock Characteristics.

Coupling Recommendation (See Crimp Data Manual 35019):

C14 Couplings



Description	Product No.										Packaging	Standard Pack
							72°F (22°C)	72°F (22°C)	450°F (232°C)	450°F (232°C)		
4C14XCTN	7752-0400	3/16	0.31	1,500	10,000	2.0	3,000	12,000	1,500	6,000	L	400
5C14XCTN	7752-0500	1/4	0.38	1,500	9,000	3.0	3,000	12,000	1,500	6,000	L	350
6C14XCTN	7752-0600	5/16	0.45	1,500	8,000	4.0	2,500	10,000	1,500	6,000	L	300
8C14XCTN	7752-0800	13/32	0.55	1,000	6,000	5.3	2,000	8,000	1,000	4,000	L	250
10C14XCTN	7752-1000	1/2	0.65	800	6,000	6.5	1,500	6,000	800	3,200	L	200
12C14XCTN	7752-1200	5/8	0.79	800	5,000	7.8	1,200	4,800	800	2,600	L	150
16C14XCTN	7752-1600	7/8	1.03	800	3,500	9.0	1,000	4,000	800	2,200	L	100

NOTE: Electrostatic Discharge: Many applications involving PTFE hose do not require a conductive tube. But you must review the potential for electrostatic discharge for every application and be aware that static electricity can be hazardous. In those cases where electrostatic discharge can occur, conductive PTFE hose with a conductive tube (Gates C14CT) is recommended. For more information on electrostatic discharge, refer to Technical Data Section.

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