

Airbrake Tubing

The Evolution of Airbrake Tubing...

The selection of materials used in the manufacturing of airbrake tubing has changed dramatically over the last few years. This has been driven by shortages and cost fluctuations of traditional materials and the entrance of more imported products. These changes have caused variability in the quality and performance of this important airbrake component at a time when safety laws are tightening, climate extremes are more common, and harsh new chemicals have been introduced into the trucking environment.

Tectran has continued to stay at the leading edge of material and processing technology, ensuring customers of a high level of quality and introducing new performance features.

All Tubing is NOT Created Equal...

Using a special test device equipped to perform abrasion testing similar to that called out in ISO 6945, we were able to confirm a significantly improved abrasion resistance of Tectran's airbrake tubing as compared to rubber airbrake hose and other manufacturers' tubing.



Rubber airbrake hose failed to retain pressure at just over 3000 cycles

Competitor airbrake tubing failed to retain pressure when the inner reinforcement layer became visible at 50,000 cycles.



Tectran airbrake tubing continued for 500,000 cycles and had still not failed! That's at least 10 times the abrasion resistance of competitor tubing!



Airbrake Tubing

- Available from inventory in a large variety of colors and sizes
- Superior cold weather flexibility and abrasion resistance
- UV and ozone resistant nylon
- Meets or exceeds SAEJ844 (Type A - non-reinforced & Type B - reinforced)
- Meets or exceeds DOT requirements for use with compression fittings (NOTE: SAE does not recognize 1/8", 5/32" or 3/16" O.D. tubing for use with air brake systems)
- Identified per SAE J844 & FMVSS No. 106 Brake Hoses, 49 CFR 571.106
- Conforms to our own rigorous qualification and inspection testing which exceeds SAE and DOT requirements
- Designed to operate at up to 150 psi in air brake systems
- Resistant to attack by gasoline, diesel fuel and commonly used road and cleaning chemicals
- Available on bulk spools or by using suffix for packages



Part No. SC-1
Stk. Code 26111
Nylon Tubing Cutter

Available Sizes

Part No.	Stk. Code	Color	Length	Nominal O.D.	Nominal Wall	Minimum Burst Pressure (psi @ 75°F)	Minimum Bend Radius
1922-01	26001	Black	2000' Bulk	1/8"	0.023"	1000	3/8"
1922-01-1	26002	Black	100' Coil	1/8"	0.023"	1000	3/8"
1922-01-T	26003	Black	50' Coil	1/8"	0.023"	1000	3/8"
1922-05	26004	Red	2000' Bulk	1/8"	0.023"	1000	3/8"
1922-05-1	26005	Red	100' Coil	1/8"	0.023"	1000	3/8"
1922-07	26006	Yellow	2000' Bulk	1/8"	0.023"	1000	3/8"
1922-07-1	26007	Yellow	100' Coil	1/8"	0.023"	1000	3/8"
19225-01	26008	Black	1000' Bulk	5/32"	0.032"	1000	1"
19225-01-1	26009	Black	100' Coil	5/32"	0.032"	1000	1"
19225-01-T	26011	Black	50' Coil	5/32"	0.032"	1000	1"
1923-01	26013	Black	1000' Bulk	3/16"	0.035"	1000	1"
1923-01-1	26014	Black	100' Coil	3/16"	0.035"	1000	1"
1923-01-T	26015	Black	50' Coil	3/16"	0.035"	1000	1"
1924-01	26016	Black	1000' Bulk	1/4"	0.040"	1200	1"
1924-01-1	26017	Black	100' Coil	1/4"	0.040"	1200	1"
1924-01-T	26020	Black	50' Coil	1/4"	0.040"	1200	1"
1924-02	26021	Blue	1000' Bulk	1/4"	0.040"	1200	1"

Airbrake Tubing



Available Sizes - con't.

Part No.	Stk. Code	Color	Length	Nominal O.D.	Nominal Wall	Minimum Burst Pressure (psi @ 75°F)	Minimum Bend Radius
1924-02-1	26022	Blue	100' Coil	1/4"	0.040"	1200	1"
1924-02-T	26024	Blue	50' Coil	1/4"	0.040"	1200	1"
1924-03	26025	Orange	1000' Bulk	1/4"	0.040"	1200	1"
1924-03-1	26026	Orange	100' Coil	1/4"	0.040"	1200	1"
1924-03-T	26028	Orange	50' Coil	1/4"	0.040"	1200	1"
1924-04	26029	Green	1000' Bulk	1/4"	0.040"	1200	1"
1924-04-1	26030	Green	100' Coil	1/4"	0.040"	1200	1"
1924-04-T	26032	Green	50' Coil	1/4"	0.040"	1200	1"
1924-05	26033	Red	1000' Bulk	1/4"	0.040"	1200	1"
1924-05-1	26034	Red	100' Coil	1/4"	0.040"	1200	1"
1924-05-T	26036	Red	50' Coil	1/4"	0.040"	1200	1"
1924-07	26037	Yellow	1000' Bulk	1/4"	0.040"	1200	1"
1924-07-1	26038	Yellow	100' Coil	1/4"	0.040"	1200	1"
1924-07-T	26040	Yellow	50' Coil	1/4"	0.040"	1200	1"
1925-01	26041	Black	500' Bulk	5/16"	0.040"	1000	1 1/4"
1925-01-1	26042	Black	100' Coil	5/16"	0.040"	1000	1 1/4"
1925-01-T	26043	Black	50' Coil	5/16"	0.040"	1000	1 1/4"
1926-01	26044	Black	500' Bulk	3/8"	0.062"	1400	1 1/2"
1926-01-1	26045	Black	100' Coil	3/8"	0.062"	1400	1 1/2"
1926-01-T	26049	Black	50' Coil	3/8"	0.062"	1400	1 1/2"
1926-02	26050	Blue	500' Bulk	3/8"	0.062"	1400	1 1/2"
1926-02-1	26051	Blue	100' Coil	3/8"	0.062"	1400	1 1/2"
1926-02-T	26052	Blue	50' Coil	3/8"	0.062"	1400	1 1/2"
1926-03	26053	Orange	500' Bulk	3/8"	0.062"	1400	1 1/2"
1926-03-1	26054	Orange	100' Coil	3/8"	0.062"	1400	1 1/2"
1926-03-T	26055	Orange	50' Coil	3/8"	0.062"	1400	1 1/2"
1926-04	26056	Green	500' Bulk	3/8"	0.062"	1400	1 1/2"
1926-04-1	26057	Green	100' Coil	3/8"	0.062"	1400	1 1/2"
1926-04-T	26058	Green	50' Coil	3/8"	0.062"	1400	1 1/2"
1926-05	26059	Red	500' Bulk	3/8"	0.062"	1400	1 1/2"
1926-05-1	26060	Red	100' Coil	3/8"	0.062"	1400	1 1/2"
1926-05-T	26062	Red	50' Coil	3/8"	0.062"	1400	1 1/2"
1926-07	26063	Yellow	500' Bulk	3/8"	0.062"	1400	1 1/2"
1926-07-1	26064	Yellow	100' Coil	3/8"	0.062"	1400	1 1/2"
1926-07-T	26065	Yellow	50' Coil	3/8"	0.062"	1400	1 1/2"

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Available Sizes - con't.

Part No.	Stk. Code	Color	Length	Nominal O.D.	Nominal Wall	Minimum Burst Pressure (psi @ 75°F)	Minimum Bend Radius
1928-01	26068	Black	500' Bulk	1/2"	0.062"	950	2"
1928-01-1	26069	Black	100' Coil	1/2"	0.062"	950	2"
1928-01-T	26073	Black	50' Coil	1/2"	0.062"	950	2"
1928-02	26074	Blue	500' Bulk	1/2"	0.062"	950	2"
1928-02-1	26075	Blue	100' Coil	1/2"	0.062"	950	2"
1928-02-T	26076	Blue	50' Coil	1/2"	0.062"	950	2"
1928-03	26077	Orange	500' Bulk	1/2"	0.062"	950	2"
1928-03-1	26078	Orange	100' Coil	1/2"	0.062"	950	2"
1928-03-T	26079	Orange	50' Coil	1/2"	0.062"	950	2"
1928-04	26080	Green	500' Bulk	1/2"	0.062"	950	2"
1928-04-1	26081	Green	100' Coil	1/2"	0.062"	950	2"
1928-04-T	26082	Green	50' Coil	1/2"	0.062"	950	2"
1928-05	26083	Red	500' Bulk	1/2"	0.062"	950	2"
1928-05-1	26084	Red	100' Coil	1/2"	0.062"	950	2"
1928-05-T	26086	Red	50' Coil	1/2"	0.062"	950	2"
1928-07	26088	Yellow	500' Bulk	1/2"	0.062"	950	2"
1928-07-1	26089	Yellow	100' Coil	1/2"	0.062"	950	2"
1928-07-T	26090	Yellow	50' Coil	1/2"	0.062"	950	2"
1930-01	26095	Black	250' Bulk	5/8"	0.092"	900	2 1/2"
1930-01-1	26096	Black	100' Coil	5/8"	0.092"	900	2 1/2"
1930-01-T	26098	Black	50' Coil	5/8"	0.092"	900	2 1/2"
1930-04	26102	Green	250' Bulk	5/8"	0.092"	900	2 1/2"
1930-04-1	26103	Green	100' Coil	5/8"	0.092"	900	2 1/2"
1930-04-T	26104	Green	50' Coil	5/8"	0.092"	900	2 1/2"
1930-05	26105	Red	250' Bulk	5/8"	0.092"	900	2 1/2"
1930-05-1	26106	Red	100' Coil	5/8"	0.092"	900	2 1/2"
1930-05-T	26107	Red	50' Coil	5/8"	0.092"	900	2 1/2"
1932-01	26108	Black	250' Bulk	3/4"	0.092"	800	3"
1932-01-1	26109	Black	100' Coil	3/4"	0.092"	800	3"
1932-01-T	26110	Black	50' Coil	3/4"	0.092"	800	3"

Parts Kits



Complete Nylon Tubing Repair Kit

Part No. CAB28
Stk. Code 99097

For detailed information on the parts included in this kit and the many other Parts Kits available from Tectran please refer to the Merchandising section of this catalog.