



ENDURE[™]

151 Series (Type B), 251 Series (Type A) DOT Air Brake Tubing

General Applications:

- Auxiliary air systems
- Trailer air brake systems
- Truck, bus and commercial vehicle air brake systems

Construction: Specially designed polyester compounds

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

Features and Advantages:

- **Superior Flexibility** – Highly engineered polyester material exhibits improved flexibility versus traditional nylon tubing.
- **Excellent Resistance** – Excellent resistance to abrasion, gasoline, diesel fuel, road salt and deicing compounds.
- **Industry Leading Impact Strength and Vibration Cracking Resistance** – Engineered formulation retains its flexibility and resists impact cracking in both high heat and sub-zero cold weather conditions; providing longer service life than traditional nylon tubing.
- **Exceeds Industry Performance Standards** – Far surpasses traditional nylon tubing for heat aging and heated oil aging, while retaining its superior performance and flexibility over lower temperatures than traditional nylon tubing.
- **Easy Installation** – Greater flexibility allows for easier installation reducing time, effort and installer fatigue.
- **Weather Resistant** – Heat and light stabilized for superior UV resistance and long service life. Resists the cracking that can result from damaging UV light.

Compliances:

- Meets and exceeds DOT FMVSS 106
- Meets and exceeds performance requirements of SAE J844



Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

Part Numbering System

151 BK - 06 x 500

Type		Color		OD Size		Length	
251	Non-Reinforced	BK	Black	02	1/8"	100	100 ft
151	Reinforced	BL	Blue	02.5	5/32"	250	250 ft
		GR	Green	03	3/16"	500	500 ft
		OR	Orange	04	1/4"	1K	1,000 ft
		RD	Red	05	5/16"	2K	2,000 ft
		YE	Yellow	06	3/8"		
				08	1/2"		
				10	5/8"		
				12	3/4"		



251 Series (Type A) Endure™ Non-Reinforced Air Brake Tubing

Nominal Specifications

Series Number	Size Code	Nominal OD (in)	Nominal ID (in)	Nominal Wall (in)	Min. Burst Pressure (psi) at 70°F (20°C)	Min. Bend Radius (in) at 70°F (20°C)	Standard Lengths (ft)		Package Weight (lbs)	
							Spool	Coil	Spool	Coil
251XX	02	1/8	0.079	0.023	1,000	0.37	2,000	100	8.0	0.4
251XX	02.5	5/32	0.092	0.032	1,200	0.50	1,000	100	7.0	0.7
251XX	03	3/16	0.117	0.035	1,200	0.75	1,000	100	9.5	1.0
251XX	04	1/4	0.170	0.040	1,200	1.00	1,000	100	14.5	1.5
251XX	05	5/16	0.232	0.040	1,000	1.25	500	100	9.5	1.9

Color Codes (XX): BK = Black, BL = Blue, GR = Green, OR = Orange, RD = Red, YE = Yellow

151 Series (Type B) Endure™ Reinforced Air Brake Tubing

Nominal Specifications

Series Number	Size Code	Nominal OD (in)	Nominal ID (in)	Nominal Wall (in)	Min. Burst Pressure (psi) at 70°F (20°C)	Min. Bend Radius (in) at 70°F (20°C)	Standard Lengths (ft)		Package Weight (lbs)	
							Spool	Coil	Spool	Coil
151XX	06	3/8	0.251	0.062	1,400	1.5	500	100	17.0	3.4
151XX	08	1/2	0.376	0.062	950	2.5	500	100	23.0	4.6
151XX	10	5/8	0.441	0.094	900	3.0	250	100	22.0	8.8
151XX	12	3/4	0.566	0.094	850	3.5	250	100	27.0	10.8

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