

Product Information Report

Eaton® Synflex® Eclipse™ Air Brake Tubing



Overview

Eclipse™ Air Brake Tubing is designed to replace traditional nylon, rubber and metal tubing. It offers significantly better abrasion resistance and superior resistance to oil, grease, gasoline, fuel, salts, moisture and chemicals.

Features/Benefits

Synflex® Eclipse™ significantly outperforms rubber and Nylon 11. As a result, it has a longer service life in the harshest environments.

- Ease of cutting allows burr-free cut for improved assemblies
- Superior abrasion resistance for longer life
- Improved flow for enhanced brake timing performance over rubber and nylon
- Enhanced flexibility makes installation easier and improves routing
- Thermoformable for easier low-temperature installation and handling

Construction

- 100% polyamide construction with polyester yarn reinforcement
- UV-stabilized
- Distinctive patented construction

Compliance

- SAE J844, J1131, J2494-3
- D.O.T. FMVSS 106

Temperature Range

- Designed for a wider operating temperature range than traditional nylon tubing
- -65°F to +200°F (-54°C to +93°C)

Applications

- Truck air brake systems
- Trailer air brake systems
- Auxiliary air systems
- Formed tubes
- Formed and straight air brake harness assemblies

