Leading Supplier of:
• Air Brake Tubing
• Coil Air Assemblies
• Truck Harnesses
Eaton Synflex Transportation Products
EATON

Eaton Synflex Transportation Products

Setting the global standard for innovation in the transportation industry.

For over 40 years, industry leading transportation companies around the world have relied on Synflex® air brake tubing, coil air assemblies and truck harnesses for performance, quality and innovation. After billions of miles and decades of reliable service, Synflex transportation products are included in countless fleet and OEM specifications.

Our success depends on your success.

We are committed to exceeding customer expectations and we constantly strive to improve everything we do. Currently offering the most extensive line of thermoplastic hose and tubing in the market, we continue to look for new and innovative product solutions to exceed our customers' expectations.

Synflex® Eclipse™ Air Brake Tubing

Designed to replace traditional nylon, rubber and metal tubing, Eclipse offers significantly better abrasion resistance in addition to its superior resistance to oil, grease, gasoline, fuel, salts, moisture and chemicals.

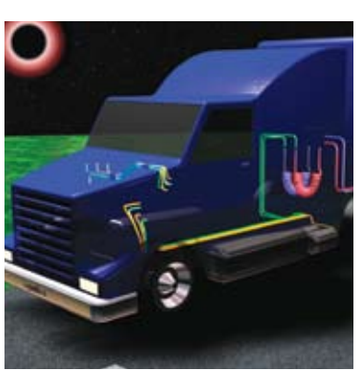
- Significantly better abrasion resistance
- Enhanced flexibility
- Improved ease of cutting
- Increased flow performance
- Metric sizes
- Exceeds DIN specifications

Synflex Eclipse Coil Air Products

As the originator of the first tractor-to-trailer coiled air brake connector, Eaton® Synflex is the most reliable product on the market. Synflex coils hold their shape through a wide range of operating temperatures (-65°F to 200°F), even through repeated flexing and pressure cycles. For added protection, corrosion-fighting plated steel guards are installed at each connector end. Synflex Eclipse Coil Air Products are designed to replace traditional rubber hoses and nylon coil air assemblies. Synflex Eclipse coil assemblies provide superior abrasion resistance, improved coil memory and flow while requiring less extension force.

Synflex Eclipse Harnesses

Another Synflex product innovation combines pre-cut air brake tubing of various lengths, sizes and colors, as well as other componentry into a single assembly. Synflex pre-assembled harness kits reduce assembly time for truck and truck component manufacturers. Harnesses are ideal for assembly-line operations, providing neat, clean, consistent and fast installation while reducing connection time and scrap. Our state-of-the-art 3D modeling systems allow Synflex Eclipse Harnesses to be custom designed to fit any truck in your fleet.



Eaton Synflex Transportation Products

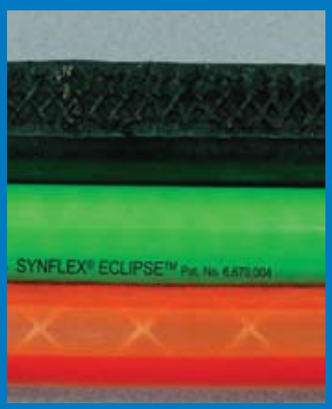
From the beginning Synflex has set the standard for innovation in the transportation industry. We introduced the first nylon air brake tubing to the market, replacing metal and rubber brake lines. We were the first to develop tractor-to-trailer coiled air assemblies and also the first to introduce formed and straight harnesses. Our latest innovation is the Synflex Eclipse product line, designed to replace the traditional nylon truck tubing.

Compared to metal, rubber or traditional nylon truck tubing, Synflex Eclipse transportation products feature better quality and performance in:

- Abrasion resistance
- Flexibility
- Ease and cleanliness of cutting
- Lower temperature performance
- Flow performance

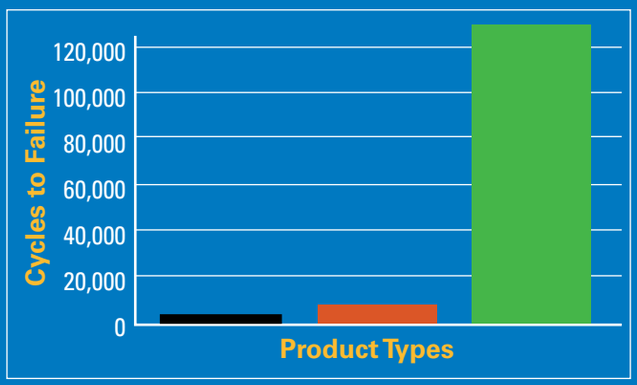
For an overall improved performance and reduced maintenance of your vehicle, choose the Synflex Eclipse brand for air brake tubing, coil air products and formed harnesses.

Synflex Eclipse significantly outperforms Rubber and Nylon11



Rubber
Synflex Eclipse
Nylon11

Abrasion Resistance Test Results



Rubber- FAILED @ 3,050 cycles
PA11- FAILED @ 8,225 cycles
Synflex Eclipse - NO FAILURE @ 125,000+ cycles

To place an order or for additional information about Eaton Synflex Eclipse products contact your local Synflex Sales Representative or call Eaton's Customer Service department. Learn more about our transportation products and other Synflex Hose and Tubing products by visiting www.hydraulics.eaton.com

Eaton
115 Lena Dr.
Aurora, OH 44202
USA
Tel: 330-274-3171
Toll Free: 800-837-1467
Fax: 330-274-0473

Eaton
Hydraulics Operations USA
14615 Lone Oak Road
Eden Prairie, MN 55344
USA
Tel: 952-937-9800
Fax: 952-294-7722
www.hydraulics.eaton.com

Eaton
Hydraulics Operations Europe
Route de la Longeraie 7
1110 Morges
Switzerland
Tel: +41 (0) 21 811 4600
Fax: +41 (0) 21 811 4601

Eaton
Hydraulics Operations Asia Pacific
11th Floor Hong Kong New World Tower
300 Huaihai Zhong Road
Shanghai 200021
China
Tel: 86-21-6387-9988
Fax: 86-21-6335-3912

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Printed in USA
Document No. E-HOOV-MR004-E
Supersedes: SHS-013-1.0M-0604-MHA
September 2007