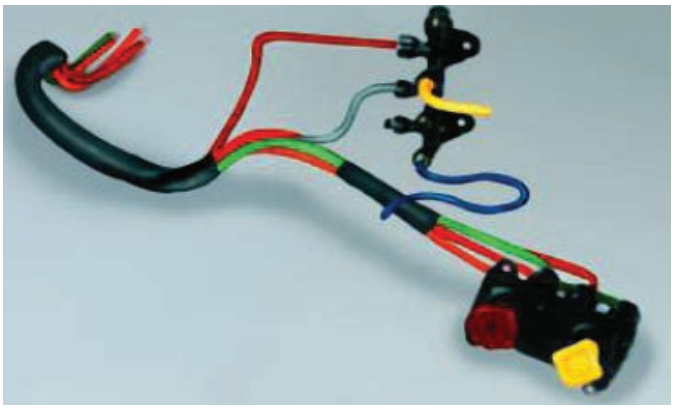
Synflex Eclipse Harness

Product Details



Synflex Eclipse Harness Overshadows the Competition

Applications

- Assembly-Line Operations
- Truck Air Brake and Auxilliary Air Systems
- Trailer Air Brake Systems
- Custom Designed Air Brake Dash and Chassis Assemblies

Construction

- Utilizes Synflex® Eclipse™ Air Brake Tubing patented construction (Pat. No. 6,670,004)
- Pre-cut Synflex Eclipse Air Brake Tubing (100% polyamide construction with polyester yarn reinforcement)
- Various lengths, sizes and colors in a single assembly
- Formed or straight tubing
- End coded and depth marked for easy assembly

Environment

- Formed Synflex Eclipse harnesses can be installed and used in the harshest environments (road salts, oils, greases, moisture, fuels and most chemicals), providing improved resistance over rubber and traditional nylon, resulting in a longer service life.

- Synflex Eclipse Air Brake Harnesses can be utilized where temperatures range between -65°F to 200°F (-54°C to 93°C).

Features / Benefits

Cost Savings

- Scrap and waste elimination
- Reduced vehicle weight
- Elimination of sub-assembly areas
- Less need for fittings
- Work-in-process reduction
- Less bulk tubing inventory

Reduced Labor

- Improves consistency in assembly
- Faster assembly time
- Fewer clamp and tie requirements
- Easier routing in tight areas
- Improves serviceability
- Integrated componentry

Improved Quality

- Minimizes assembly variation between vehicles
- Reduces assembly errors
- Reduces air leaks
- Improves flow

Typical Cost Savings*

Production Cost Savings	
Assembly and installation time/labor saved per truck (hours)	0.36 hours
X Cost per production/labor hour	$62.50/hour
= Production cost savings per truck	**$22.50**
Material Savings	
Bulk tubing per truck	$14.62
Tie straps per truck (3 straps x $0.05 per strap)	$ 0.15
Protective sleeve per truck (1 sleeve x $0.30 per sleeve)	$ 0.30
Scrap eliminated per truck	$ 0.23
Total material savings	**$15.30**
Total Savings Per Truck	
Production cost savings + material savings ($22.50 + $15.30)	$37.80
Less cost of harness	$25.87
Savings per truck	**$11.93**
Total Annual Savings	
Per truck savings X 10,000 trucks per year ($11.93 x 10,000)	**$119,300**

* All costs and savings presented in this model are for a typical application in the US market. They will vary by market (country) and application/harness complexity.

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