The World's Leading Forklift Hydraulic Hose.

Eaton Synflex Forklift Hose

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Eaton Synflex Forklift Products

The World's Leading Forklift Hydraulic Hose.

Synflex® is the world's leading forklift hydraulic hose. We have supplied more miles of thermoplastic hose to the world's leading manufacturers than any other supplier. Successful OEMs use Synflex hose because it is engineered specifically for forklift applications and will help their product line perform like it was intended. **Use the best, use Synflex.**

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.

The Benefits of Eaton® Synflex Hose

Fits Existing Pulleys

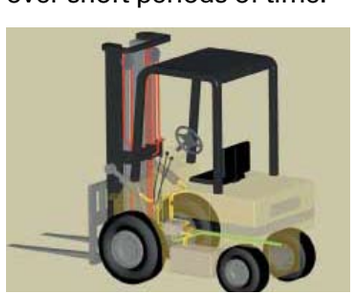
The 30CT hose family will fit into most existing pulleys. This gives the aftermarket, OEM installers and designers the ability to upgrade to a 3,000 psi hose without changing the pulley design.

Volumetric Expansion

Synflex thermoplastic hose is available in a wide range of engineered expansion rates. Hydraulic applications require a certain amount of volumetric expansion to "cushion" the hydraulic pump and seals from sudden shock.

Other applications require the responsiveness found in our aramid reinforced hose with little or no volumetric expansion.

Wire braided rubber hose is rigid and offers little variation in expansion, often contributing to system failures over short periods of time.



Long Life – Greater Productivity

Synflex thermoplastic hose is extremely flexible and rugged. After continuous flexing and bending, the hose remains strong and viable while wire braided hoses fatigue and need to be replaced regularly.

Pressure is Power

In the demanding forklift industry, pressure is power — the power to lift and handle heavy loads is critical.

Synflex hydraulic hose can handle your specific power needs with products ranging from 1,000 psi to 10,000 psi.

Abrasion Resistance

Synflex has pioneered the development of the most abrasive resistant and chemical resistant hose found today. Synflex thermoplastic hose is widely used in harsh environments and is specifically designed to exceed the stringent abrasion requirements of today's forklift manufacturers.

Clean System – Lower Maintenance Costs

Thermoplastic hose is stable and will not degrade, creating contaminants in filters and valves. Synflex hose helps you maintain a clean system and keep your maintenance costs down.

Chemical Resistance

Thermoplastic hose is resistant to most oils and hydraulic fluids and does not swell or absorb oils. Thermoplastic cores are available in many configurations to provide the chemical compatibility not found in rubber hose. Synflex hose is used with all grades of hydraulic fluids. Rubber hose degrades over time in these environments and may cause dangerous operating conditions.

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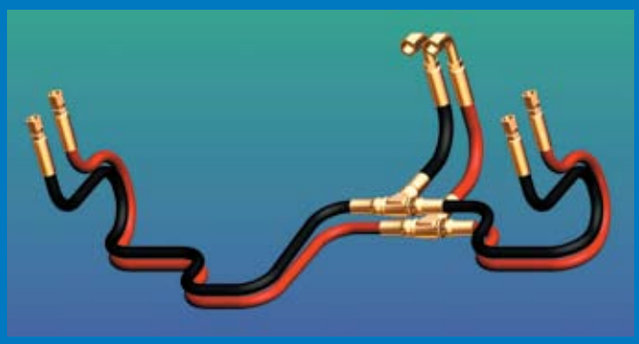

Synflex Thermoformed Hose Assemblies

Synflex formed hose is one of the most innovative ideas to come along in the past decade for hydraulic hose applications. Synflex is the world's leading supplier of thermoformed hose and tubing assemblies. Formed hydraulic hose **eliminates leak points, reduces installation and assembly time** as well as **saves money** by reducing the cost of expensive metal fittings and **eliminating unnecessary scrap.**

Beneifts

Zero scrap

- Formed assemblies arrive ready for installation.
- No custom bending or fitting is needed.

Fewer leak points

- Flexible hydraulic hose can be formed in multiple dimensions over the entire length of a chassis.
- With o-ring face seal fittings, assemblies are virtually leak free.
- Traditional failures at fatigue points with rigid tubing are eliminated with vibration-absorbing thermoplastic hose.

Reduced assembly time

- Drop-in assemblies save more time than custom formed tubing and multiple adaptor setups.
- Formed assemblies make JIT and line-sequencing efforts attainable, where-as bulk hose and tubing don't.

Reduced cost of piece parts

- Often, when expensive unions and adaptors are replaced with continuous hose, the overall cost is reduced.
- MRO-friendly design.
- When damaged, after-market assemblies can be easily replaced.
- Flexible hose is easier to route than formed tubing.

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