

Thermoplastic Hoses

Specialty Hose Capability - Parflex offers many unique specialty hoses such as electrically non-conductive, breathing air, and CNG hoses to name just a few. Let us custom design and build a solution for you.

Superior Abrasion Resistance - Urethane and nylon style covers provide the industry's highest level of abrasion resistance today. They can outlast standard rubber hoses in lab tests by up to 10:1.

Long Continuous Lengths - Long length hoses reduce the number of short unusable hose lengths and thereby save money in the long run.

Clean Core Tubes - Unlike rubber core tubes, thermoplastic core tubes are clean when cut and greatly reduce the chance of contamination in today's state-of-the-art hydraulic systems.

Wide Chemical Range - Thermoplastic hoses offer a superior range of chemical resistance. Tough outer covers also resist degradation by UV rays, water and harsh wash down chemicals.

Lightweight by Design - Lightweight designed equipment is routinely being requested by leading manufacturers today. Thermoplastic hoses are considerably lighter than rubber hoses (e.g. 100R8 hose can weigh up to 40% less than a comparable 100R2 hose).

Smaller OD - Compact designs allow tighter bend radius characteristics and work well in small enveloped areas.

Easy Routing - Smooth outer covers offer ease in routing multiple hoses in tight or confined areas such as booms, lifts, and tracks.

Lower Volumetric Expansion - This means less energy loss and faster reaction time in hydraulic circuits.

UV Resistant - Parflex thermoplastic hose jackets are UV stabilized for optimal weather resistance.

Long Shelf Life - Thermoplastic hoses do not continuously cure, and won't degrade when stored under proper conditions.

Easy To Cut - Fabric reinforced hoses do not require high power saws to be cut. Simple hand or blade cutters can be used.

Crimpable, Swageable, Field Attachable - Some Parflex thermoplastic hoses can be assembled utilizing any of these three methods of fitting attachment for added convenience.

Bonded Components - Some Parflex thermoplastic hoses can be bonded together from 2 to 10 hoses, in multiple sizes and products. Similar cover materials must always be used in the bonding process.

Coiled/Retractable Capability - Many Parflex thermoplastic hoses can be coiled for retractable capability for easy, compact storage.

Bundling - Parflex offers the ability to bundle hose and tubing in a variety of combinations.

Custom Printed Lines - Custom printed lines build brand identity and differentiate products for end users. Simple ink jetting provides a cost effective way to provide crisp clean text, or in some cases, logos.

Colors - Parflex thermoplastic hoses can be manufactured in almost any conceivable color. Colors can offer brand identity, color coding and traceability.

PTFE Hose & Fittings

Thermoplastic Tubing

Coiled Air Hose, Fittings & Accessories

Truck (Fleet) Products

Tooling & Equipment

Hose Accessories

Technical & Design Information

Approvals & Guides

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