



Multi-Line, Bonded Hose Assemblies

Parflex Hose Solutions That Extend Hose Life



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Bonded Hose Multi-Line Hose

Prevent down time and warranty claims.

Parkers multi-line, thermoplastic bonded hose assemblies are only available from the Parflex division. Parflex regularly bonds multiple hoses into a single hose assembly, substantially reducing hose to cable track tangling and abrasion damage resulting from individual hose assemblies rubbing against each other.

Bonded hoses are nothing new, but Parker is one of the few thermoplastic hose manufacturers who produces single assembly with a permanent and inseparable bond that contain up to 12 bonded hoses.

Advantages

- Up to 42% reduction of abrasion issues recorded
- Low coefficient of friction prevents hose to track abrasion
- Eliminates hose to hose abrasion due to hose lines becoming one
- Reduced installation times by reducing complexity and part numbers
- Hose scrap reduction
- Eliminate and/or minimize cable tracks (reducing weight)
- Eliminate cable track tangling and abrasion

Product Features

- Resistant to pinhole leaks
- Lightweight compared to alternative hose
- Compact O.D. sizes
- Low permeation
- Specialty hose options for conduit tubes for additional non-hydraulic lines

Parflex Application Engineers are available to offer assistance and guidance during the completion of your unique projects.

The units are delivered, turnkey ready to install, creating dramatic part number reductions in inventory.

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Bonded Hoses by Jacket Material

Almost all Parflex hoses are available as a multi-line bonded assembly. Below are the technical details for some of the most popular hoses.

Polyurethane (Tough Jacket Series)	Polyurethane		Copolyester
560TJ	510D	540P	53DM/538DM
563TJ	518D	580N/588N	55LT
590TJ	56DH/568DH	HLB	Exceptionally tough and resilient in extreme conditions, such as very low temperatures.
594TJ	5CNG	Series U (conduit)	
	520N/528N		

650x the abrasion resistance of standard rubber hose.

Extremely flexible. Allows hose to elongate and recover without losing resilience.



Before

After

In this case, the customer was replacing the cable track hoses every 6 months. With a Parflex multi-line bonded hose, replacements are now done during scheduled maintenance change outs. Savings: \$1,761/unit

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