

# PLANT HOSES

& SERVICES

NORTHERN  
IRELAND'S LARGEST  
**ONSITE  
EMERGENCY**  
HOSE REPLACEMENT  
PROVIDER

**24/7**  
365 Days

*Competitive Prices*

**1 YEAR WARRANTY ON ALL HOSES\***

**1 HOUR EMERGENCY CALL OUT**

**T: 0800 111 42 47** 



Authorised Stockist

# PLANT HOSES

Specialising in the on-site **Service, Repair & Replacement** of failed or damaged hydraulic hoses, available 24 hours a day, 365 days a year...

Providing replacement hose for the transport, construction & quarrying, manufacturing, aerospace, marine and agricultural industries.

Plant Hoses recognises that when a breakdown occurs, a fast, efficient and reliable service is key priority to an operator or an engineer whose machinery has halted to a stop.

Our engineers are fully trained and skilled to meet your industry standards to ensure repairs are carried out with minimum downtime and inconvenience.

Preventative measures and pre-agreed maintenance contracts are offered to ensure breakdowns are less likely to occur.

With a depth of knowledge, our hose technicians are able to provide more than just a hose service and have the expertise throughout the fluid power industry with customers in many diverse and specialist fields.

## In addition to service, we also supply a large range of products:

- hydraulic hose & fittings
- quick release couplings
- ball valves
- steel tube
- pipe clamps
- hydraulic oil
- washer lances
- industrial hose
- Factory OEM Hoses
- pressure testing on site and for hire
- oil testing and sampling
- spill clean up & hose disposal
- fluid transfer services

Northern Ireland's largest Hydraulic Hose Repair and Replacement Service.



"I have been dealing with Plant Hoses for a number of years and I am continually impressed with the professional and reliable service that the company has. The 24 hour service that Plant Hoses offers is hugely beneficial to my company as the engineers are available for any job, at any time. It is also obvious that the engineers are trained to the best standards as they always carry out a job successfully, and never disappoint."

*Gary Patchett, 'Keep It Clean':*

# PLANT GLASS

Mobile glass repair  
& replacement

Quality work at  
Competitive  
Prices...



**Experienced  
Professionals**



**Supply & Fitting  
Estimates**



**Reliable &  
Friendly Service**

We source replacement glass for all types of Plant & Agricultural machinery.

Offering a fast and efficient turnaround as all the glazing is carried out on-site.

Our engineers have a wealth of experience not only in supplying specialist plant machinery glazing but also secure fitting, protecting any machinery users and any unnecessary damage to your equipment.

- ✓ Diggers ✓ Cranes ✓ Excavator
- ✓ Bulldozers ✓ Wheel loaders
- ✓ Agricultural Windscreens
- ✓ Lorry Windscreens ✓ Coach Windscreens

We offer several solutions for your needs...

**Laminated Glass** is a type of safety glass that holds together when shattered. In the event of breaking, it is held in place by an interlayer. It's high strength prevents glass from breaking up into sharp pieces reducing the danger of injury.

**Toughened or Tempered Glass** is a safety glass processed by controlled thermal or chemical treatments to increase strength compared to normal glass. Glass when broken will crumble into smaller granular chunks instead of splintering into jagged shards which is less likely to cause injury.

*Tempered glass is generally used in passenger vehicles, shower doors and architectural applications.*

# PLANT REPAIR & REFURBISHMENT

## Expert Knowledge & Unparalleled Delivery

At Plant Hoses we have enjoyed 14 years of steady growth as an independent Hose and Hydraulic service provider but you may not know that we also provide many other services, such as.

- Plant Repair/Serviceing.
- Plant Refurbishment/Spraying & Re-Piping.
- Hydraulic Cylinder Repair.
- Welding & Fabrication.
- Repairs and Modifications to Trailer & Lorry Body's.
- Telescopic Watering systems and Pumps.
- Vehicle Hazard signage.
- Flashing Beacons & Strobes.
- Routine Maintenance solutions.



With Skilled Engineers we ensure Quality is our Priority.

From the Civil engineering, Automotive and Manufacturing sectors to transport, Marine, and Construction, Plant Hoses Ltd has built up an extensive portfolio of experience and has earned a reputation of providing quality workmanship and solutions.

We have long-standing relationships with Northern Ireland's Councils, DOE and Housing Executive and we have supplied and fitted all necessary Vehicle Hazard Signage as well as Flashing Beacons and strobes.

We offer a range of solutions to ensure your equipment and trailers maintenance arrangements are Safe, Efficient and legally Compliant.

**We provide complete and thorough inspections of road worthiness and provide documentation and examination certificates.**

We have robust inspection and testing procedures – and a team of skilled engineers who ensure standards remain at the highest possible levels.

**You want to know your products have been designed, manufactured and assembled to the specifications you expect and the standards you need...**

# HYDRAULIC RAMS & CYLINDER

Plant Hoses can offer **SALES, SERVICE & REPAIR** on hydraulic units, including hydraulic cylinders (welded and tie rod), hydraulic rotary actuators, hydraulic pumps, hydraulic motors and hydraulic ram repairs. with **quick turnaround** on all projects, keeping cost and downtime to a minimum...

We offer **Preventative Service Maintenance** programs, where the condition of hydraulic equipment can be assessed to provide solutions and suggestions to reduce the potential for failure and add a choice of system enhancements to maximise performance...



## SALES, SERVICE & REPAIR

Below are some common causes of Hydraulic Rams, Hydraulic Cylinder and Seal Failures experienced by our team:

### Hydraulic Cylinder failure:

- Bent Rod
- Scored Rod
- Seal Failure
- Damaged End Bearings

### Seal Failure:

- Damaged Rod
- Contaminated Oil
- Oil Over Heating
- Dirt entering through Damaged Rod Seal



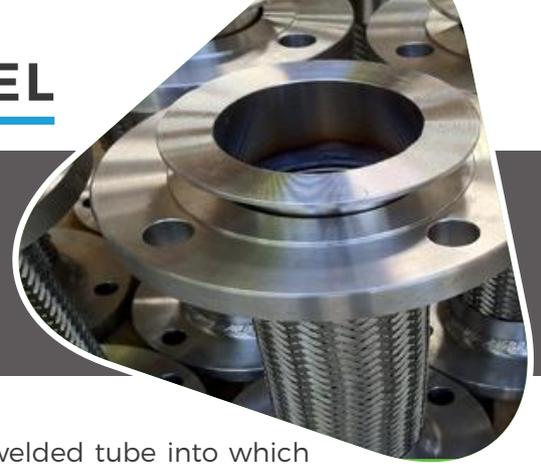
We can inspect your **hydraulic system** and repair even the most badly damaged hydraulic rams...

Our cylinder repair procedure is as follows:

- Cylinder is disassembled
- Barrel Inspected
- Barrel re-honed or replaced
- Rod Inspected
- Rod repaired or replaced
- All parts cleaned
- Seals replaced
- All threaded connection inspected
- Cylinder reassembled
- Cylinder Tested to 100% rate pressure along entire stroke

# PLANT HOSES - STAINLESS STEEL

Our metal hose can be used for both fluids & gases and can withstand Heat and corrosion.



## Annular Corrugated Metal Hose

Corrugated metal hose is manufactured from relatively thin wall butt welded tube into which rounded corrugations are formed. The hose flexes through the movement of metal corrugations.

Corrugated metal hoses are suitable for a wide range of applications in the steelmaking, chemical smelting, petrochemical, automotive, materials handling and power generation industries, and many other fields. The hose can be used for the conveyance of fluids and gases, the correction of misalignments and the absorption of movements and vibrations.

The advantage of metal hose over other materials is its capability to withstand high temperatures, impacts and corrosive substances and atmospheres.

**PTFE Convuluted** Multi-purpose hose, used for a wide variety of applications.

This is a convoluted PTFE lined hose, with excellent flexibility in bore sizes from 3/8", to 4". It is designed for use in a wide variety of general purpose applications such as automotive, steam transfer, refrigeration and other applications where the temperature resistance, chemical resistance and ease of cleaning of the PTFE liner are necessary requirements.

### Construction

Stainless Steel braid has a liner tube made from convoluted, extra flexible grade PTFE, with an outer stainless steel wire braid reinforcement. Polymer Braid has a braid made from orange polypropylene monofilaments. This provides a lightweight braid with excellent chemical resistance, but is not usable at temperatures above 100°C (internal). Maximum working pressures must be reduced to 50% of the pressures listed for assemblies with stainless over braid. Tube Only has no braid. It is very lightweight, and the tube is semi-transparent. It is only usable at low pressures (less than 2 Bar).



**PTFE Smoothbore** A customisable system which gives a choice of properties for your product.

**Design** - Hose Liner: Seamless extruded PTFE tube, made exclusively from PTFE polymer. The choice of these grades, together with the extrusion, heat treatment and quality control programmes are designed to produce the best quality PTFE tube possible, ensuring minimum porosity and maximum flexibility.

Hose Braid: Braided from AISI grade 304 stainless steel wire, bright hard drawn to a minimum 1700 N/mm<sup>2</sup> tensile strength. The braiding process is closely controlled to ensure even tensions and the correct braid angle, to give minimum expansion/contraction under pressure.



**Composite Hose** For the transfer of Fluids i.e. Fuels, Oils and Chemicals Composite hoses are manufactured on the mandrel wrapped principle. The hose consists of an inner wire spiral upon which layers of fabric and film are wrapped, and bound with an external wire spiral. The tension between each other of the wire spirals gives the hose its pressure capability.

The heart of a composite hose is in the materials selection. Fabric and film materials used include Polypropylene, Polyester and Polyamide. The wire helices can be of galvanised steel, aluminium, stainless steel or polypropylene coated steel.



A full range of end fittings available such as flanges, hygienic screwed fittings Male, female BSP in stainless steel and mild steel.

# POWER STEERING & BRAKE HOSES

**SAME DAY  
MADE TO  
ORDER**

As well as offering the best Hydraulic Hose Repair Service, we are now able to offer a comprehensive programme for making **automotive tubes and hoses.**

- Automotive Brake Lines
- Motorcycle Brake Lines
- Power Steering & Fuel Lines



**Faulty Brake Hoses are an Invisible Safety Hazard**

- Average life of a brake hose is six years
- Brake hoses deteriorate from the inside as well as outside
- Moisture is absorbed into brake fluid systems through brake hoses
- High operating temperatures in brake systems contribute to the deterioration of hoses
- Brake hoses swell with age and restrict flow

Any hydraulic brake and clutch hose to suit any type of vehicle.

**All hoses compliant to SAR J1401 and DOT Standard FMVSS106**

Every hose pressure tested to 3,000psi



**CUSTOM MADE HOSES  
WHILE YOU WAIT...**

Same Day Delivery Service also Available



## Power Steering

A power steering hose can reduce noise, vibration, and harshness (NVH) from the system, but only if you choose the right hose.

## Tubing

Instead of searching for the best coated tube, consider using tubing that doesn't rust.



## Fuel

Light, compatible with modern fuels, and easy to plumb. Our popular push-connect fittings make for quick and easy repairs or replacement of fuel injection systems.

## Brake & Clutch

Our DOT-compliant brake and clutch hoses are individually pressure-tested for a safe, reliable hose every time.



We also supply speciality tools, fittings and equipment for a wide range of automotive plumbing applications.

**BrakeQuip**  
// // // // // INNOVATIVE SOLUTIONS FOR AUTOMOTIVE PLUMBING

Available on-site 24/7, 365 days a year... **Call NOW on 0800 111 42 47**

## SERVICES INCLUDE:

- Non Urgent Hose Replacement Service
- Made Onsite to your Requirements
- Planned Maintenance & Service
- Hose Cleaning & Tagging
- Hydraulic Ram Repairs
- Plant Glass Replacement
- Same Day Power Steering & Brake Hoses
- Plant Repair & Servicing
- Spill Products & Spill Clean Up
- **Emergency Clean Up Services for Hydraulic Oil**

*Plus*

1 Year  
Warranty  
on all Hoses\*

A yellow map of Northern Ireland is centered on the page. Five silver service vans with blue and red accents are placed at various locations across the map. The text 'Available throughout Northern Ireland' is written in blue over the map.

**Available  
throughout  
Northern  
Ireland**

## Contact Us

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Newtownabbey, Co. Antrim BT36 4PT

☎ 028 9083 3813 } **Manned**  
☎ 0800 111 42 47 } **24 hours**

✉ info@planthoses.com

\* Warranty is for Hose integrity only and does not apply to Fittings and Ferrules, subject to customer providing proof of purchase and hoses not showing any evidence of damage or snagging or excessive movement. All hoses have to be fitted to manufacturers original specification. Hoses Warranty is per the terms & conditions of sale on all invoices and website.

[www.planthoses.com](http://www.planthoses.com)