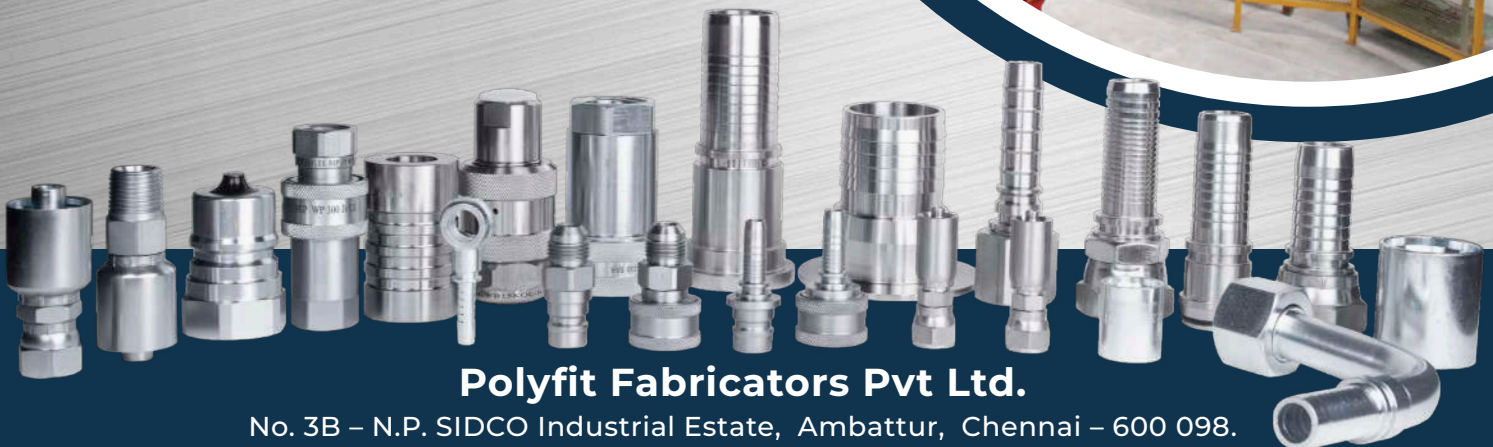


Polyfit



SPECIALIST IN FLUID TRANSFER SOLUTIONS

- ▶ HYDRAULIC HOSES
- ▶ HYDRAULIC HOSE END FITTINGS
- ▶ HYDRAULIC HOSE ASSEMBLIES
- ▶ CNC TUBE AND PIPE BENDING ASSEMBLIES
- ▶ SPECIALIZED FABRICATION
- ▶ INDUSTRIAL HOSE FITTINGS



Polyfit Fabricators Pvt Ltd.

No. 3B – N.P. SIDCO Industrial Estate, Ambattur, Chennai – 600 098.

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POLYFIT FABRICATORS

ABOUT US

Polyfit Fabricators established in 1977 is located in Chennai in a premier industrial hub Ambattur Industrial Estate. Spread over 4 acres area it has facilities to manufacture High Pressure Hydraulic Hose Assemblies, SS Corrugated Hose Assemblies, Hose Fittings adapters and Tube Assemblies and specialized fabrication. Our team has extensive knowledge in providing fluid transmission solutions.

UNIT-1

- ▶ CNC Pipe And Tube Bending.
- ▶ Hydraulic Hose Fittings & Assemblies.
- ▶ Custom Made Fittings For Various Fluid Transfer Applications.
- ▶ Automobile Parts.

UNIT-2

- ▶ Specialized Fabrication Work.
- ▶ Wind Mill Blade Supporting Structure & Lifting Tool.
- ▶ Load testing of Lifting Equipment's.
- ▶ Load Body, Sub frame & Crane Sub Parts.
- ▶ Cement Conveyor Closed & Open Turf.
- ▶ R.O.P.S. & Front Axle for Tractors.
- ▶ ICF Products.





MANUFACTURING UNIT

DESIGN AND DEVELOPMENT

The Design & Development Center is equipped with the latest CAD software for undertaking complex design, preparing engineering drawings and using 3D modelling techniques.

QUALITY ASSURANCE

Being an ISO 9001:2008/TS:16949:2009 certified company, we pay paramount attention to quality throughout the production stages, ensuring that the best and flawless products are offered to our clients. We are equipped with FARO 6 Axis Portable Arm type and Bridge type CMM. our diligent quality inspectors regularly conduct quality audit checks in our well equipped in house facilities, in order to ensure flawless production.



STATE OF THE ART FACILITY INCLUDES

MACHINE SHOP

- ▶ CNC Turning Centers
- ▶ CNC Sliding Head Automate Machine 26 mm
- ▶ VMC Machine
- ▶ Multi Spindle Auto
- ▶ Single Spindle Auto
- ▶ Thread Rolling Machine
- ▶ Centreless Grinding Machinem

HOSE ASSEMBLIES

- ▶ Hose Cutting Machine
- ▶ Hose Skiving Machine
- ▶ Nut Crimping Machine
- ▶ Hose Crimping Machine
- ▶ High Pressure Test Rig

TUBES & PIPE BENDING

- ▶ Auto Pipe Cutting Machine
- ▶ Tubes & Pipes End Forming Machine
- ▶ CNC 6 Axis Tube & Pipe Bending Machine from 6 mm to 120 mm
- ▶ 3D 5 Axis CNC Wire Bending Machine
- ▶ Induction Brazing Machine
- ▶ Flushing Machine

SPECIALIZED FABRICATION

- ▶ Laser Cutting Machine
- ▶ Robotic Welding Machine
- ▶ CNC Press Brake Machine
- ▶ Plasma Cutting Machine - Cap. upto 16 mm thickness
- ▶ Flame Cutting Machine - Cap. upto 120 mm thickness
- ▶ Mechanical & Hydraulic Press upto 250 ton
- ▶ Shearing Machine (12 * 4 mtr)

CNC MACHINING AND BENDING

The CNC Machining Shop consists of CNC Turning Centers and VMC. CNC 6 Axis 3 Stag Bending Machine have Capacity to bend pipes from 6 mm to 120 mm.



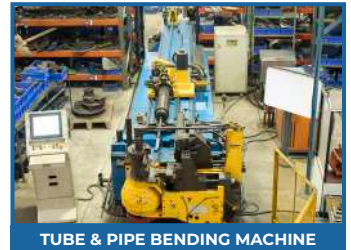
CNC MACHINE



CNC SLIDING HEAD MACHINE



VMC MACHINE



TUBE & PIPE BENDING MACHINE



6 AXIS CNC TUBE BENDING MACHINE



3 AXIS CNC WIRE BENDING MACHINE

FABRICATION DIVISION



CNC PLASMA / FLAME CUTTING MACHINE



ROBOTIC WELDING-02



CNC PRESS BRAKE



LASER CUTTING MACHINE

HOSE ASSEMBLIES



INE - 2

ASSY LINE - 1

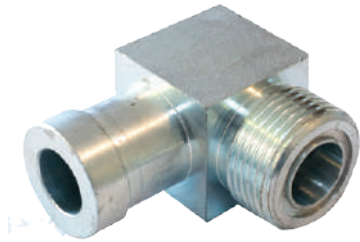


We have capability of manufacturing hose assemblies up to 250 mm. Hydrostatic proof and burst pressure testing can also be performed as per SAE standards or to suit customer requirements.

PRODUCT RANGE

FITTINGS & ADAPTERS

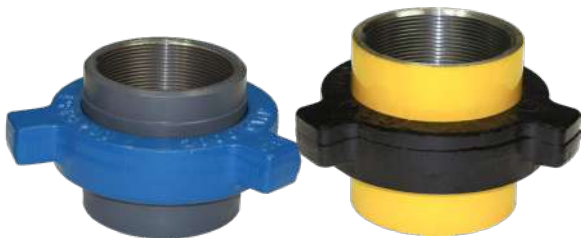
Forged Elbow Fitting upto 2 inch



Stand Pipe upto 1 inch



Hammer Union



Industrial / Composite Hose Fitting 2inch to 12inch



QRC



Female Fittings



PRODUCT RANGE

Adapters



Whip Check



90 Degree Bend Fitting



High Pressure Ferrules



HOSE ASSEMBLIES

Teflon Hose Assembly



High Pressure Hose Assemblies

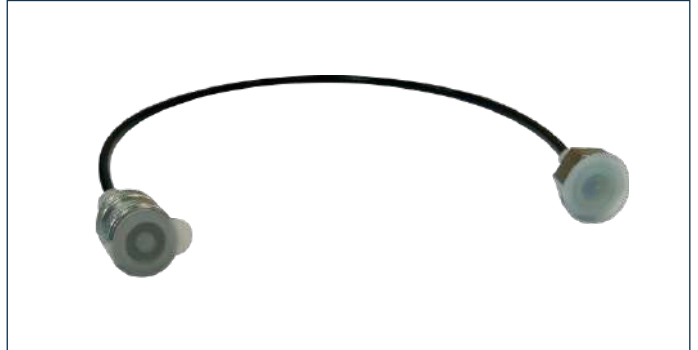


PRODUCT RANGE

Jack Hose



Micro Bore Hose



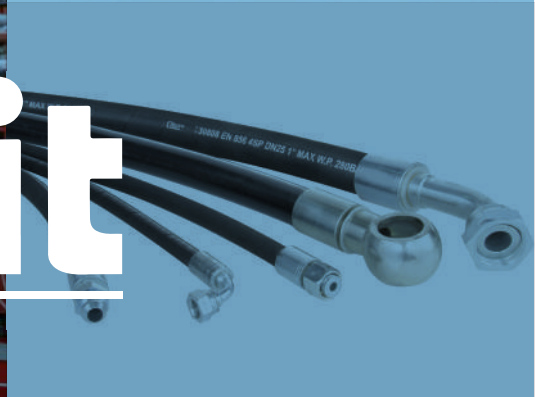
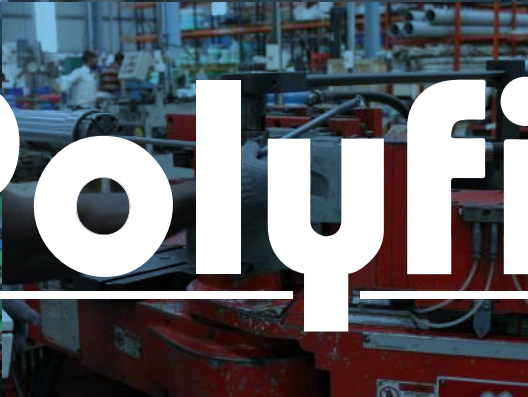
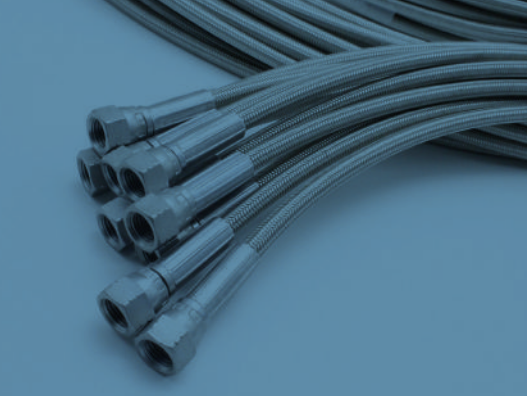
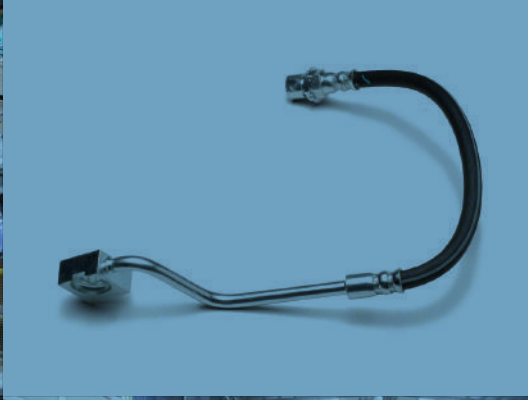
PIPES & TUBE BENDING

Silencer Pipes

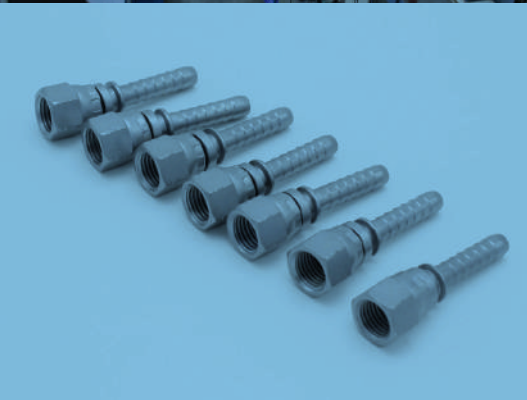


Pipe & Tube Bending





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