



*For Hydraulic And Industrial Services.*

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

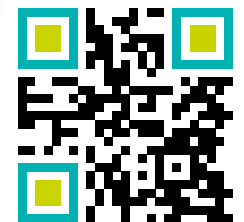


## WHO WE ARE?

### About Muneef Trading

Muneef Trading is a company with an uncompromised commitment to serve our customers. We provide General industrial supplies, High pressure hydraulic hoses, Oil suction hoses, Water suction hoses, Air hoses, Hammer unions, Heavy duty hose clamps, Dewatering accessories & other related products. Consumers of these leading brands nationally enjoy the same winning business principles of service, price and product. Some consider Muneef Trading informative selling techniques and on-going technical after-sales backup service a fresh approach to an otherwise technically deprived market sector.

Muneef Trading team has always actively applied their wealth of technical knowledge and acclaimed problem solving capabilities to develop products that meet the highest performance and quality standards. Fresh ideas, innovative merchandisers, meeting and exceeding customer's expectations and considering ourselves as partners in our customer's success are some of the tools that will contribute towards the sustainability of our products and services.





MISSION  
VISION



## Our Mission

Our mission is to be the best Industrial Supplies in the Kingdom Of Saudi Arabia, as measured by our customers, suppliers & associates

## Our Vision

Alessa aspires to be the Industrial market's first choice for to Hydraulic and related supplies.

### Being an Industrial Supplier we combine the following:

- Selection and availability of a catalogue distributor
- Products and services of the most progressive Hydraulic manufacturers
- Expert application support through our internal and external technical engineers
- Most importantly market leading customer service



### PROJECT MANAGEMENT

Experience proves that accurate, realistic planning and scheduling are essential to the timely completion and delivery of any project. We believe in keeping our customers involved and informed. To facilitate this communication, we define the scope and parameters of the project in writing and utilize Gantt charts to track progress.



### QUALITY & SERVICE

Muneef trading est. has a commitment of quality to our customers and to the services that we provide to meet or exceed our customers' needs and specifications in the many services we provide in a timely manner.

"In the business of custom automated machine building, there must be a win-win relationship between the customer and the machine builder. Our goal at Turner Machine is to do everything possible to make sure this relationship prospers. You have my personal commitment that you will receive a superior product and the best customer service on the market."



### OUR COMMITMENT

Our Machine shop commitment is to provide precision machine parts to make your project a success. The utilization of our manual, CNC and quality control departments guarantees accuracy and quality on all our parts delivered to your door.



### COLLABORATION

During the design process, our engineers become an extension of your team. The result is a customer-designed machine that fits seamlessly into your company's existing machine culture.

## Our Capabilities

### Services

Hydraulic hose fabrication  
Hydraulic cylinder fabrication & servicing  
Hydraulic pump servicing  
Hydraulic pressure testing  
Tig, Mig & Arc welding  
General repair and maintenance on site  
Machining of Offshore & Oilfield Parts  
Specialized in General Machining  
Repair of Bushes, Pumps Winches & Gears  
All types of Lathe works

### Spare Parts

Hydraulic & industrial hoses  
Hydraulic adaptors & fittings  
Quick release couplings  
Valves & Flanges  
Hammer unions  
Pneumatics Hoses & Fittings  
Engine spare parts  
Dewatering accessories  
Industrial pipes & fittings  
Normal & heavy duty clamps  
Welding materials  
Bolt , nut & other fasteners  
All types of Bearings & Couplings

# INDUSTRIAL HOSES



## Industrial Hoses

With pressures high or low, transfer rates slow or fast and with materials as simple as air and water or as complex as hazardous chemicals—every industrial hose application requires something a little different. That's why industrial hose products are manufactured from a variety of compounds and reinforcements that can be customized by color and branding for quick and easy identification.

## Types of Industrial Hoses

- \* Oil Suction Hose - 10bar
- \* Oil Suction&discharge Hose - 20bar
- \* Water Suction Hose - 10bar
- \* Water Suction Hose - 20bar
- \* Water Discharge Hose - 20bar
- \* Water Discharge Hose - 10bar
- \* Air Hose Black - 20bar
- \* Multipurpose Hose - 20bar
- \* Wire Reinforced Yellow Air Hose - 580 Psi
- \* Sand Blast Hose - 12bar
- \* Cement Suction & Discharge Hose - 20bar
- \* Steam Hose Steel Reinforced 250 Psi
- \* Chemical Hose Uhmw 240psi W.P Corrugated Cover



# HYDRAULIC HOSES



## Hydraulic hose

Hydraulic hose is specifically designed to convey hydraulic fluid to or among hydraulic components, valves, actuators, and tools. It is typically flexible, often reinforced and usually constructed with several layers of reinforcement since hydraulic systems frequently operate at high or very high pressures.

Using the right hydraulic hose for the right application is a very serious matter. Too often, critical fluid systems stand dormant because the wrong hydraulic hoses are installed and a breakdown occurs.

Here at the Megastore we stock mass amounts of different types of hydraulic hoses all available in different sizes, we also offer hose assembly's

### Types of hydraulic hoses

We can supply standard high pressure hydraulic hose including high-pressure hose 1SN, 2SN, 4SP, 4SH, R12, R13, R15, R16 & R17



# SPECIAL APPLICATION HOSES



## Special Application Hoses

Hose and tubing for a variety of fleet maintenance applications including air brake, fuel lines, grease, high temperature petroleum oils, and air conditioning systems. Fittings, gladhands and coiled air brake kits also available

## Types of Special Application Hoses

- \* Air Brake Hose
- \* Air Conditioning Hose
- \* R14 PTFE Hose
- \* R5 General Purpose/Truck Hose
- \* R5 High Temp General Purpose/Truck Hose
- \* Teflon Hose





# THERMOPLASTIC Hoses



## Thermoplastic Hoses

Cleaner, lighter and more flexible than steel-reinforced hoses, thermoplastic hose is well-suited for forklift, snowplow, and other hydraulic applications. Twin hoses and nonconductive hoses are available.

## Types of Thermoplastic Hoses

- \* R7 Thermoplastic Hose (Black)
- \* R7 Non-Conductive Thermoplastic Hose (Orange)
- \* R7 Twin Thermoplastic Hose (Black)
- \* R7 Twin Non-Conductive Thermoplastic Hose (Orange)
- \* R8 Thermoplastic Hose (Black)
- \* R8 Non-Conductive Thermoplastic Hose (Orange)



# STAINLESS STEEL / LAYFLAT HOSES



## Stainless Steel Hoses

Flexible Metal Hoses (Stainless Steel Hoses) you can consider as the most important alternative for pipes connection in all places where Metal Hoses can stand expected pressure. Advantage from use flexible metal hoses instead pipes is movement compensation which usually include pipes /hoses thermal expansion and pipes linear expansion, additionally hoses can be easier fitted on installation. You need to remember that pipe connection is always better and more reliable than any hose but is not flexible. Exception is when you can use 3 to 5 swivel joints together with pipes system, that solution will give you higher working pressure but again it may appear not that flexible like hoses.



## Layflat Hose

Layflat hoses are flexible PVC hoses with a closely woven yarn reinforcement. The inner and outer walls of a layflat hose are inseparably fused. These hoses are weather resistant, lightweight, flexible, strong, collapsible when not in use and have a good degree of rot and chemical resistance.

Layflat Hose can be used for conveyance and discharge of water particularly for irrigation and water supply. Also used in general industry, civil and construction engineering.

**Layflat Hose Features :** Weather resistant, Lightweight Flexible Strong Completely collapsible when not in use Good abrasion, Rot and chemical resistance.



# PVC SUCTION & DISCHARGE HOSES



## PVC Suction & Discharge Hoses

PVC Suction & Discharge Hoses is constructed from a rigid PVC spiral encased in flexible PVC.

Heavy duty suction and delivery hose is used in such applications as agriculture, industry and construction. Suitable for the conveyance of water, slurry, sewage, some solids, granules and gases.

Heavy Duty Hose is resistant to most oxidising and reducing agents, diluted acids and alkalis.

**Features:** Weather resistant, durable, smooth bore, good abrasion, rot and chemical resistance, good crush and kink resistance.

## Types of PVC Suction & Discharge Hoses

- \* Medium Duty Suction Hose
- \* Heavy Duty Pvc Suction & Delivery Hose
- \* Water Delivery Hose
- \* Steel Clear PVC industrial suction hoses
- \* a
- \* Crystal Clear PVC industrial hoses



# HYDRAULIC

## HOSE FITTINGS / ADAPTERS



### Hydraulic Hose Fittings

Our hose fittings range from the economical Two-Piece type to the high integrity One-Piece type, providing options to our customers, suiting their individual needs. For both fitting types, we offer a comprehensive range of standard configurations, as well as quick response for non-standard sizes and shapes. Our customers can benefit from our strong stock holding covering almost all common connection styles (JIC, NPT, ORFS, SAE, Flange, BSPP, BSPT, DIN, JIS) as well as special configurations for specific equipment such as Komatsu and Kobelco. If you have something that is not a standard product, with adequate information, we will be able design and produce for you.



### Hydraulic adapters

Multi-Selection of Adapters (JIC, NPT, ORFS, SAE, Flange, BSPP, BSPT, DIN, JIS up to 2") is made according to common international and industry standards to fulfil difficult connections needs. We can also produce non-standard adapters to meet the customers' out-of-ordinary requirements. Offering both Steel and Stainless Steel, our Steel fittings is Trivalent (CR+3) plated, serving the company societal commitment to an environmentally clean and safe working process



# PNEUMATIC

## HOSE & FITTINGS



## Pneumatic Hose & Fittings

### Pneumatic fittings Features.

#### Male Stud with Pipe thread Swivels:

- The direction of the tubing can be easily changed according to its requirement.
- The joint can be screwed in only by the threaded part so that it does not interfere with the neighboring objects.
- Allows the interval between joints to be smaller.

#### Maximum Air Flow Capacity:

- SEA ling is maintained for tube connection perfectly on the outside surface of the tube, so that the inside diameter of the tube allows a maximum capacity flow

#### No Loss of Inside Parts

- Every part inside the joint is completely fixed, thus no loss of inside parts such as sleeves and nuts.
- Working Pressure Range:
- 0-20 bar

#### Operating Temperature Range:

- -40°C to 130°C

#### Application of Pneumatic tube fittings



# PRESSURE

## GAUGE



## Pressure Gauge

A pressure gauge is a fluid intensity measurement device. Pressure gauges are required for the set-up and tuning of fluid power machines, and are indispensable in troubleshooting them. Without pressure gauges, fluid power systems would be both unpredictable and unreliable. Gauges help to ensure there are no leaks or pressure changes that could affect the operating condition of the hydraulic system.

The hydraulic system is designed to work in a set pressure range so the gauge must be rated for that range. Hydraulic pressure gauges are available to measure up to 10,000 psi, although maximum hydraulic pressure is typically in the 3,000 to 5,000 psi range. Hydraulic gauges are often installed at or near the pump's pressure port for indication of system pressure, but can be installed anywhere on the machine where pressure needs to be monitored—especially if sub-circuits operate at a pressure rate different from pump pressure, such as after a reducing valve. Often, pressure-reducing valves have a gauge port to tap into, allowing you to directly monitor its downstream pressure setting.



# CAMLOCK

## COUPLING



## Camlock Coupling

Camlock Couplings fluid fittings can work in pressure range from 5Bar up to 18 Bar depend on Camlock Couplings size and material made.

### Available materials:

- \* Aluminium Camlock Couplings
- \* Brass Camlock Couplings
- \* Stainless Steel Camlock Couplings (SUS304, SUS316Ti)
- \* Polypropylene Camlocks
- \* Standard Camlock Couplings is made with BSP thread. On request Camlock Couplings NPT thread available.



## Steam Fittings

Ground joint fittings are designed for high pressure air or water (ie. up to 500 psi) as well as steam (steam maximum 250 psi @ 450°F max) in plants, refineries, construction sites, or drilling applications (pressure ratings are for a guide ONLY as they vary based on service conditions, temperatures, etc.). Ground Joints are NOT for use with toxic fluids or flammable gases hose!



# QUICK RELEASE COUPLINGS



## Quick Release Couplings

We are a leading supplier of hydraulics and pneumatic quick release couplings, and stock a vast variety of fittings within this range. Quick Release Couplings are sometimes referred to as Quick Disconnects (QD's) or Quick Connects and are designed for fast, tool-free, connections and disconnections of hose and pipelines. Quick Release couplings replace laborious threaded and flanged connections, saving time and money and typically incorporate valves, which self seal on disconnection preventing costly spillage of fluid or gas. Various materials, styles and features are available, including single shut off and 'straight through' versions.

- Material:Stainless Steel & Chrome Plated
- Types:SH, PH, SM, PM, SF & PF
- Sizes:10, 20, 30, 40, 400, 600, 800
- Double Shut-Off Coupling
- Wingnut Coupling





# UNIVERSAL

## HOSE COUPLINGS



## Universal Hose couplings

Universal Hose couplings, also known as “Chicago Couplings” or “Air King” series, are offered as a simple quarter turn to connect. These couplings are commonly installed on hose assemblies that connect pneumatic tools to their compressed air source. Firmly pressing one coupler to another and twisting seals the connection. Safety clips prevent accidental disconnection during use. Universal couplings are a convenient quick connect system to mate varying diameters of hose as all sizes up to 1 inch interchange with one another. Sizes over 1 inch have a four lug design which also interchange with any hose size in the 4 lug style. Universal couplings do not interchange with sandblast, Minsup, or European style couplings of similar design. Lubricate the gasket for easier connection. Do not use for steam service!

### Available in

- \* Malleable Iron, Brass, and 316 Stainless Steel (316SS through 1 inch size)
- \* Thread Type is NPT (Female thread only on 1-1/4 – 2 inch sizes)
- \* Also available with swivel – Malleable Iron Only
- \* Sizes from 1/4” through 2”



# KING

## COMBINATION NIPPLE



## King Combination Nipple

Plated Steel King Combination Nipple is excellent for low-pressure discharge and suction service for compatible liquids. King combination nipple in plated finish is made of steel for durability and has a 1" MNPT x 1" hose shank connection for easy fit.

Product Name	KC Nipples
Technic	Punching
Size	1/2" 3/4" 1" 1-1/4" 1-1/2" 2-1/2" 3" 4" 5" 6" 8" 10" 12
Thread	Male N.P.T/B.S.P

## Storz Coupling & Adaptors

### Specification:

- \* Metal: available in Aluminum
- \* Size: 2 1/2" (63 mm) (Also available in 1 1/2", 2" & 4")
- \* Type of Connection: Storze (Also available in Nakajima, Instantaneous)
- \* Hydrostatic Test Hydrostatic Pressure for Body: 21kg.f / cm<sup>2</sup>
- \* Finish: Buff Polished



# FLARELESS COMPRESSION

## HYDRAULIC TUBE FITTINGS



## Flareless Compression Hydraulic Tube Fittings

Typical applications: hydraulic service, instrumentation and chemical processing.  
Highly recommended for high pressure and high vibration applications.

- \* Connect many varieties of tubing without flaring.
- \* Fittings come assembled with tube nuts and ferrules.
- \* Fitting bodies, nuts, and sleeves are carbon steel with anti-corrosive plating.
- \* Some fittings also available in stainless steel.
- \* Use with aluminum, hard or half-hard copper, steel, stainless steel, monel, titanium and heavy wall tubing that cannot be flared.

Hydraulic Compression Fittings are used for connecting various tubes for movement of compressed air and fluids.

**Material:** Stainless Steel, Brass and Carbon Steel



# HOSE CLAMP

## HEAVY DUTY TUBE CLAMPS



### Hose Clamp

Keep your hoses in place with a high quality hose clamp. Just as there are different hose clamp types for different kinds of jobs, there are also a wide variety of clamps to meet specific needs. At Hose and Fitting Supply we're sure to have the hose clamp you're looking for.



### Heavy duty tube clamps

Our heavy duty hydraulic pipe clamps have strong strength, accurate tolerances, excellent corrosion resistance, good UV, weathering and chemical resistance– even under extreme conditions, and durable in use, they are suitable for installing and fastening oil, liquid and gas pipe /tube under high mechanical pressure in different areas such as the metallurgy, construction machinery, petroleum industry, chemical industry, ship building, electrical power and so on.

Standard series hydraulic pipe clamps, Twin series hydraulic pipe clamps



# HAMMER UNIONS



## Hammer Unions

Hammer Unions can be used for cementing trucks, oil field applications, for quick connection on tank trucks and rail cars carrying of LPG, LNG, CNG, etc., all kinds of manifolds and other high pressure equipment and pipes. Hammer Unions have good mechanical performance and sealing property. Especially, they can operate under the bad weather condition. They can be assembled, fixed and changed easily and conveniently. They are very easy to use as they are self-aligning, and do not require any special tools. It takes some seconds as compared to several minutes required with flanged connection. Hence in case of railway wagon loading, where large numbers of connections are to be made in each loading operation.

### Available Types

- \* Figure50
- \* Figure100
- \* Figure200
- \* Figure206
- \* Figure207
- \* Figure400
- \* Figure600
- \* Figure602
- \* Figure1002
- \* Figure1002
- \* Figure1502.



# DEWATERING ACCESSORIES



## Dewatering Accessories

Dewatering couplings are manufactured from galvanized steel with a rubber gasket. The connection could be made by a lever which is lockable with one hand. Pressure and suction are always guaranteed, even if when the couplings are dirty. Dewatering couplings have a long life by use of high quality steel. The couplings are available from 2" to 8". The Dewatering couplings are very widely used in the dewatering and civil engineering industry, but also in the agriculture and industrial sectors.

## Types Of Coupling

- \* Miller Coupling
- \* Bauer Coupling
- \* Perrot Coupling
- \* Miller End Cap
- \* Flanged Male Coupling
- \* Perrot Coupling Female End Cap
- \* Female Threde



# THERMO

## FIRESLEEVE



## Thermo Firesleeve

Thermo Firesleeve / Fire Protection Fiberglass Sleeving is an industrial grade, high temperature insulating sleeving constructed from thick-wall glass fibre and coated with HIGH TEMPERATURE silicone elastomer containing an inorganic Red Oxide additive. The heavy silicone coating sheds molten metal splash to prevent heat transfer.

This Fire Sleeve will withstand continuous operating temperatures between  $-40^{\circ}\text{C}$  -  $+250^{\circ}\text{C}$  and can withstand repeated short-term exposure to molten steel, molten aluminium and molten glass.

Fire Protection sleeving is a very flexible sleeving designed to protect wires, cables and hoses from high ambient temperatures.

\* Wiring, cable, hoses and pipes in: Automotive, aerospace and industrial applications.

Technical Performance:

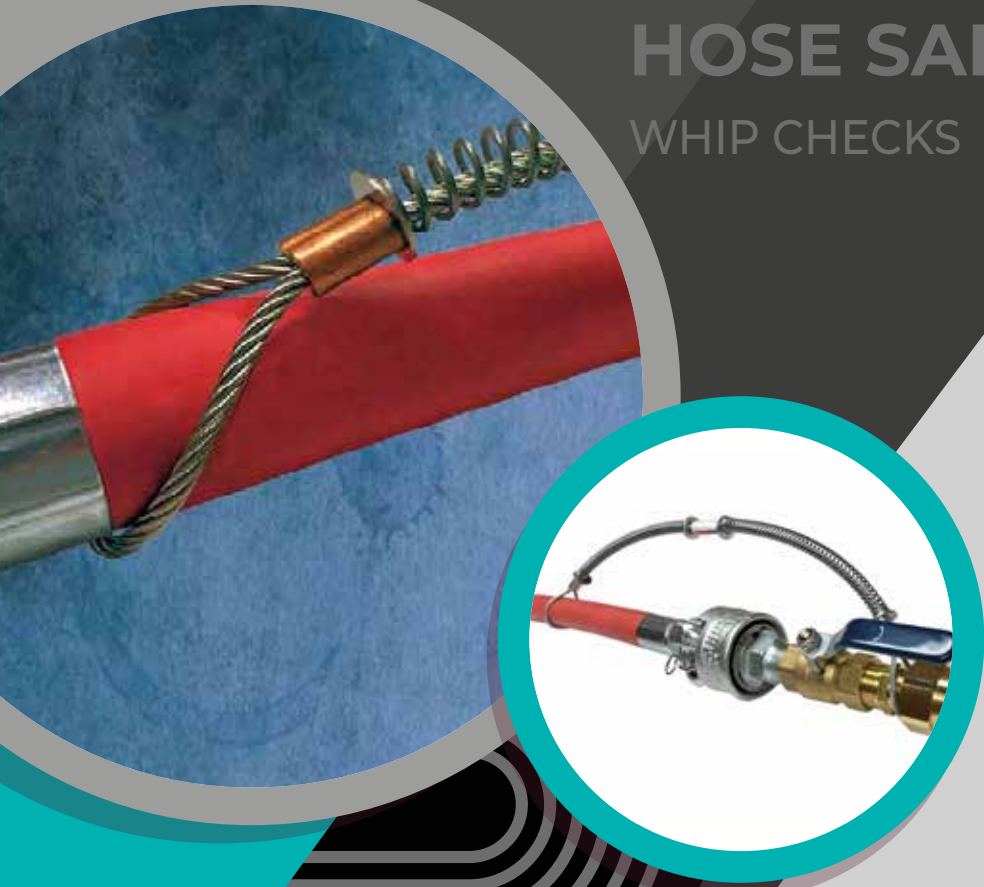
\* Glass fibre braid withstands temperatures up to  $+550^{\circ}\text{C}$

\* High temperature silicone withstands short term temperatures up to  $+1,000^{\circ}\text{C}$



# HOSE SAFETY

## WHIP CHECKS



### Hose Safety Whip Checks

Hose Safety Whip Checks should be installed in all pressurized hose applications to keep operators and job sites safe. To prevent serious injury due to hose or coupling failure, add a Whip Check at each hose connection and from equipment / compressor to the hose. Whip checks should be installed in the fully extended position (no slack) for proper safety assurance. Spring-loaded loops easily adjust to slip over the couplings for a firm grip on the hose. Also known as whip arrestors or hose choker cables, these cables are a necessity for pneumatic supply hose service.

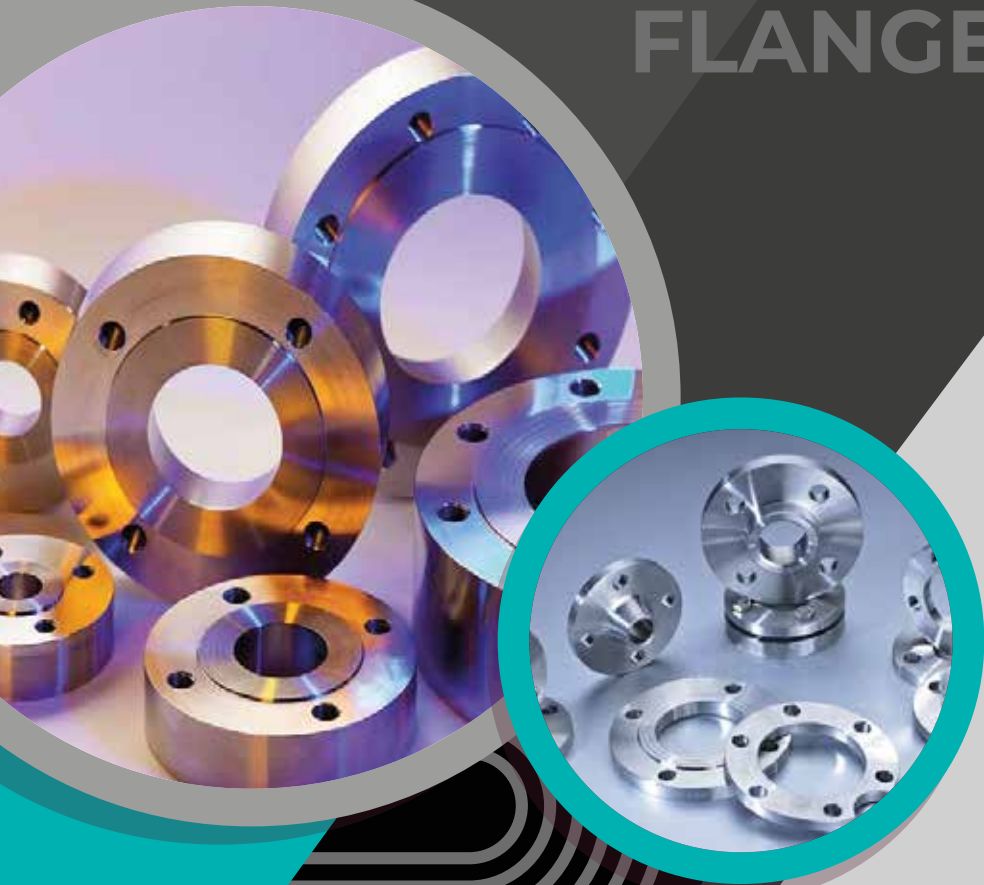
### Available Sizes

- \* WHIP CHECK WB1 20"
- \* WHIP CHECK WB3 28"
- \* WHIP CHECK WA2 38"
- \* WHIP CHECK WA4 44"





# FLANGES



## Flanges

STAINLESS STEEL :- ASTM A182 / A240 304, 304H, 304L, 310, 316, 316L, 317, 347, 904L.  
CARBON STEEL :- ASTM A105/ A694 F42 / 46 / 52 / 56 / 60 / 65 / 70 / A350LF2, A181 ETC

### TYPES OF FLANGES

WELDING NECK FLANGES ,SLIP ON FLANGES, SOCKET WELD FLANGES  
THREADED FLANGES, BLIND FLANGES, ORIFICE FLANGES, LONG WELD NECK

### SIZES OF FLANGE

½" to 48" NB/NPS Based, ½" to 8" OD Based

### PRESSURE CLASSES OF FORGED STEEL FLANGE

according to ASME B16.5, are CLASS #150, CLASS #300, CLASS #600, CLASS #900,  
CLASS #1500, CLASS #2500, CLASS #3000.

### GASKETS THE MOST IMPORTANT PART OF FLANGES

To realize a leak-free flange connection gaskets are necessary.  
Gaskets are compressible sheets or rings used to make a fluid-resistant seal between two surfaces. Gaskets are built to operate under extreme temperature and pressures and are available in a wide range of metallic, semi-metallic and non-metallic materials



# OUR SERVICES



## Hydraulic Hose Fabrication

Our specialists perform hose fabrication with standard or metric fittings and with JIC, for seal, or DIN threads. We fabricate any type hydraulic hose, including hose for marine applications. We also fabricate hydraulic hose for any pressure rating including 3000 psi, 5000 psi, and additional capacities.

When it comes to hydraulic hose fabrication and repair. We offer 3 types of repair or fabrication services; in-store hose fabrication, onsite mobile fabrication, or our popular crimper program.



## On-Site Mobile Hydraulic Hose Fabrication

We implement offers on-site mobile hydraulic hose fabrication and repair for all applications and brands. Whether you are broke down in the field or on the job site, our trained staff will come to you to repair and fabricate hydraulic hoses.



## Stainless Steel Flexible Hoses Fabrication

We specialise in providing high performance engineered solutions for the transfer of fluids & gases in demanding environments. Specialist coverings available to offer extra protection for both hose & operators. All Stainless Steel Flexible hose assemblies are provided tested and certified. We offer an extensive range of end terminations to meet your specific requirements



## In-Store Hydraulic Hose Fabrication

We can custom make hoses for all applications and brands. Simply walk-in and we'll make the hose while you wait.



### Hydrostatic Pressure Testing Of Hose

Hoses' testing of hoses is done basically for making different lot of assembly. The first step of hose pressure testing: Prior to hose pressure testing, the hose to be visually inspected for external conditions & crimping dimensions of ferrule.



### Hydraulic Pump Service

When repair indicators are present, rebuilding a gear pump is an economical option which fully restores the hydraulic system to optimum performance



### Hydraulic Cylinder Repair

Our expert hydraulic cylinder repair mechanics and technicians possess the knowledge and experience to repair and rebuild your hydraulic and pneumatic cylinders and equipment. We evaluate each job, give our professional recommendation and let you decide what option best suits your needs.

## LEADING BRANDS



**Mohammed Saleh**

**Al Muneef Trading Est.**

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