



WORLD RIG SUPPLY

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HOSE & FITTING CHECK LIST

Size - What are the inside diameter "I.D" of the hose that you require. Generally, the inside diameter (or ID) is essential as this determines the volume of material that can be transported through the hose.

Application –what is the hose being used for. What is running inside the hose at normal operation (ex. oil/water/mud/chemicals/waste/air?) Is the hose suction or discharge

Material– what is the hose made of ex. (rubber, stainless steel, pvc , thermoplastic

Pressure - What is the normal working pressure at which this hose is operating? Does the pressure ever "spike" or go higher at any point?

Ends - When specifying a hose, it is important to determine what ends will be attached. Do you need adapters? Quick Disconnects?

- N.P.T threads
- Hammer unions
- Api flanges
- Camlocks

Delivery - Due to the myriad of hose products and ends that can be configured, it is always helpful to know when you will need your hose assembly.

Temperature - What are the maximum and minimum possible temperatures of the material going through the hose? Is the hose being used in hot or cold atmospheres? (Example-plastic suction or transfer hoses are often preferred due to price and ease in handling because it is much lighter than its rubber counterpart. However, in cold weather, plastic will stiffen to the point of being impossible to use while rubber retains its flexibility in a wider temperature range.)

KELLY/ROTARY HOSES IT IS IMPORTANT TO KNOW THE FOLLOWING

- HOSE WORKING PRESSURE (3,000 PSI W.P /5,000 PSI W.P /7500 PSI W.P / 10,000 PSI W.P)
- HOSE END CONNECTION SIZE AND STYLE (WHAT TYPE OF HAMMER UNION/ WHAT SIZE HAMMER UNION)
- HOSE INSIDE DIAMETER (USUALLY 3" -3-1/2" OF 4" ONLY)
- HOSE LENGTH
- ARE SAFETY CLAMPS AND CHAINS NEEDED?

*** If the outer rubber cover is torn or cracking or if inner steel cable is showing through it may be time to consider replacement of the hose. If at any time the hose shows signs of leaking the hose should be taken out of service and replaced immediately

STAINLESS STEEL ARMOR COVERED BOP HOSES IT IS IMPORTANT TO KNOW THE FOLLOWING

- HOSE WORKING PRESSURE (5,000 PSI W.P /10,000 PSI W.P)
- HOSE END CONNECTION SIZE AND STYLE (WHAT TYPE OF HAMMER UNION or N.P.T THREAD?)
- HOSE INSIDE DIAMETER USUALLY 1" OR 2" I.D ONLY
- WOULD THE CUSTOMER LIKE STAINLESS N.P.T ENDS OR CARBON STEEL N.P.T ENDS
- HOSE LENGTH

*** If stainless steel armor is unraveling or showing signs of sever damage it may be time to consider replacement of the hose If at any time the hose shows signs of leaking the hose should be taken out of service and replaced immediately

STAINLESS STEEL ARMOR COVERED CHOKE AND KILL HOSES IT IS IMPORTANT TO KNOW THE FOLLOWING

- HOSE WORKING PRESSURE (5,000 PSI W.P / 7,500 PSI W.P /10,000 PSI W.P)
- WHAT SIZE FLANGE IS NEEDED ON THE CHOKE AND KILL HOSE
- HOSE INSIDE DIAMETER USUALLY 3-1/6" OR 3-1/8" OR 4-1/16" OR 4-1/18"
- ALL CHOKE AND KILL HOSES COME WITH LIFTING EYES AND COLLARS

*** If stainless steel armor is unraveling or showing signs of sever damage it may be time to consider replacement of the hose If at any time the hose shows signs of leaking the hose should be taken out of service and replaced immediately

INDUSTRIAL SUCTION/DISCHARGE PETROLEUM HOSE AND MUD HOSES IT IS IMPORTANT TO KNOW THE FOLLOWING

- HOSE WORKING PRESSURE (150 PSI . 250 PSI 300 PSI 1000 PSI)
 - WHAT SIZE THREADS N.P.T OR FLANGED CONNECTION IS NEEDED
 - HOSE INSIDE DIAMETER (WE OFFER 2" UP TO 12" I.D'S)
- *** If the rubber cover shows signs of tears or severe cracking the hose should be inspected and possibly replaced. Also if the inner tube is coming apart this could lead to fragments of rubber being released into equipment resulting in possible down time.

INDUSTRIAL POWER BAND BELTS, V-BELTS AND KEVLAR BELTS IT IS IMPORTANT TO KNOW THE FOLLOWING

- ANY PART NUMBER ON THE BELT
- HOW MANY RIBS(WIDE) IS THE BELT
- WHAT IS THE LENGTH OF THE BELT

***** If any tears or cracks are visible on the belt it may be time to inspect and replace the belt.**

HYDRAULIC HOSE IT IS IMPORTANT TO KNOW THE FOLLOWING

- HOSE WORKING PRESSURE (1,000 PSI, 3,000 PSI, 5,000 PSI)
- WHAT SIZE THREADS N.P.T OR J.I.C CONNECTIONS ARE NEEDED
- ARE HAMMER UNIONS NEEDED?
- HOSE INSIDE DIAMETER (WE OFFER 2" UP TO 12" I.D'S)

***** If the rubber cover shows signs of tears or severe cracking the hose should be inspected and possibly replaced. Also if the inner tube is coming apart this could lead to fragments of rubber being released into equipment resulting in possible down time.**

ULTRA HIGH PRESSURE HOSE (THERMOPLASTIC) FOR TESTING AND HYDRAULIC SERVICE IT IS IMPORTANT TO KNOW THE FOLLOWING

- HOSE WORKING PRESSURE (10,000 PSI , 20,000 PSI ,30,000 PSI)
- WHAT SIZE THREADS CONNECTIONS (TYPE M) 9/16" HIGH PRESSURE STYLE)
- HOSE INSIDE DIAMETER
- HOSE SERVICE, TESTING, HYDRAULIC, CHEMICAL INJECTION ETC.

***** If the rubber cover shows signs of tears or severe cracking the hose should be inspected and possibly replaced. Also if the inner tube is coming apart this could lead to fragments of rubber being released into equipment resulting in possible down time.**

AT SUCH HIGH PRESSURE ANY SIGNS OF DAMAGE SHOULD BE INSPECTED FOR POSSIBLE LEEKS AND REPLACED IF ANY SIGNS OF LEEK OCCUR

INDUSTRIAL AIR HOSE/MULTI PURPOSE HOSE IT IS IMPORTANT TO KNOW THE FOLLOWING

- HOSE WORKING PRESSURE (150 PSI-250 PSI- 300 PSI)
- WHAT SIZE ROLL IS NEEDED 50' - 100' -250' -500' -1000'
- HOSE INSIDE DIAMETER (¼" , 3/8" , 1/2" 3/4" , 5/8" . 1" , 1-1/4" 1-1/2" ,2")
- HOSE SERVICE, WATER, AIR, OIL, MULTI PURPOSE
- ARE QUICK CONNECTORS NEEDED. IF SO WHAT SIZE AND STYLE

***** If the rubber cover shows signs of tears or severe cracking the hose should be inspected and possibly replaced. Also if the inner tube is coming apart this could lead to fragments of rubber being released into equipment resulting in possible down time.**

HIGH PRESSURE AIR HOSE/MULTI PURPOSE HOSE IT IS IMPORTANT TO KNOW THE FOLLOWING

- HOSE WORKING PRESSURE (300 PSI , 600 PSI)
- WHAT SIZE ROLL IS NEEDED 50' - 100'
- HOSE INSIDE DIAMETER (1" , 1-1/4" , 1-1/2" ,2" ,3")
- ARE END CONNECTIONS NEEDED? N.P.T THREADS OR HAMMER UNIONS

***** If the rubber cover shows signs of tears or severe cracking the hose should be inspected and possibly replaced. Also if the inner tube is coming apart this could lead to fragments of rubber being released into equipment resulting in possible down time.**

MUD SUCTION HOSE IT IS IMPORTANT TO KNOW THE FOLLOWING

- HOSE WORKING PRESSURE (150 PSI ,250 PSI)
- IS THE LENGTH OVER ALL FROM END TO END? THREAD TO THREAD? OR NOT CRUCIAL.
- HOSE INSIDE DIAMETER (6" , 8" 10" ,12")
- END CONNECTIONS NEEDED, FLANGES, N.P.T, HAMMER UNION, WELD BEVEL,
- DO FLANGED ENDS NEED TO ROTATE?

***** If the rubber cover shows signs of tears or severe cracking the hose should be inspected and possibly replaced. Also if the inner tube is coming apart this could lead to fragments of rubber being released into equipment resulting in possible down time.**

WE OFFER A COMPLETE LINE OF THE FOLLOWING IN ALL SIZES

- **KC NIPPLES**
- **SAFETY CLAMPS AND CHAINS**
- **CAM AND GROVE COUPLINGS (CAMLOCK)**
- ***TUDO DRY BREAK COUPLERS AND ADAPTER***
- **HYDRAULIC FITTINGS AND QUICK CONNECTS**
- **HAMMER UNIONS**
- **FLANGES**
- **PIPE FITTING**
- **POWER BAND V-BELTS**
- **METAL EXPANSION JOINTS**
- **RUBBER EXPANSION JOINTS**



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