

**Flexible Fluid Discharge use
of Hydraulic Oil, Water, Slurry,
Concrete, Steam, Hot Air**
Rubber Hose

Made in India



**PERFORMANCE MEETS
KINKFREE HIGH-PRESSURE
FEATURES**

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Suction as per IS 3549,
IS 7654, EN 287, IS 10733, IS 8189



Delivery per IS 10655, IS 444,
IS 446, IS 447, BS 6417



Layflat per ISO 4641



Canvas Fire n Reel
per IS 636, IS 884



High Pressure Spiral
per SAE 100, ISO 7751



**Installation & Warranty
Information**

Thank You for Purchasing HIC “UNIVERSAL” Flexible Rubber Hose

HIC International Co.'s Manufactured Quality rubber, textile & wire combine Flexible Hoses superseding IS 3549 Mud Water Suction, IS 7654 Chemical, EN 287 Slurry, IS 10733 Petroleum, IS 8189 Bulker Fly Ash, IS 10655 Steam, IS 444 Water, IS 446 Air, IS 447 Gas Welding, SAE 100 Petroleum Transfer Hydraulic Spiral, ISO 4641 Layflat Water Discharge, IS 636 Canvas Rubber Lined Fire, IS 884 Reel, ISO 8330 Non Conductive Furnace, ISO 7751 Water Blast High Pressure Jetting Hose, EN 12001 Concrete Pump, BS 6501 & ISO 10380 Acids and High Temperature Resistant SS Corrugated quality, High Operating Pressure Abrasive Materials Discharge & Easily Bendable Temperature-proof Fluid Delivery aspect Advantage assures Long Life Reliability.



ASA150
Class Flange



Clamped Fitting

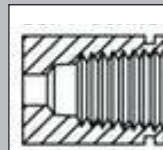


Fittings With Safety Clamps

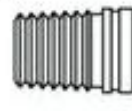


Crimped Fittings

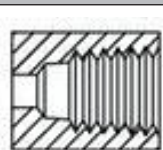
HIC
UNIVERSAL
True Performance Rubbers



BSPT Fittings



NPT Fittings



BSPP Threaded Fitting

High Pressure Materials Suction and Liquid Delivery Rubber Hose Installation **Tips**

- Operate At Designed Pressure** to attain good life & may allow less than 1.5 times of Working pressure which would affect performance although Burst pressure is generally 3 times of working pressure (W.P.).
- Easy Maintenance** is achieved by using Adaptors & Elbows on hoses fitted with end connections.
- Line Collapse Stoppage** is achieved by providing Looseness or say high Bend Radius to make good for occurrence of change in length due to pressure.
- Unhampered Production** even if outer Finish have pressed down marks at times, nothing to interfere performance.
- Gauge Meter Inspection** at intervals is must to ensure correct operating pressure.
- Type Selection** be based as per Media to Pass & usage whether for Delivery yarn braided & woven ply OR Suction Discharge GS wire embedded also with electrical continuity copper wire OR High Pressure Hydraulic wire braid OR High Temp. Steam Condensate SS304/321 Convolved OR Fuel Line GI Wire braid OR Fire Fighting Canvas Hose and Reel.
- Hose Assembly Precautions** be taken as to: Not twisted, Upright & not horizontally installed, Actual bend radius is more than minimum radius, Starting point leaves at least 1.5 times of diameter to the ferrule, Right suitable end fittings for suitable radius, Length of hose having suitable distance far away from subject to avoid stress or abrasion.
- End Fittings Flanged in MS** with either In-built Vulcanized or Crimped to Class ASA 150 Dimensions (as per BS1561- PCD, Bolt Dia., Holes) FIXED with smooth hose-tail with safety collar/ SWIVEL with serrated hose-tails OR in BS 10 (Threaded/ Weld-Neck/ Slip-On) Table D/ E/ F, on order request.

SS304 Flanges on bulk orders above only feasible. **Threaded** NPT/ BSPT/ BSPP end connections up to 2-1/2 inch (63mm) NB on flexible delivery hoses made on order.

Size Variation (+, -1.5mm bore ID; +5, -2m Length; +, -2mm bore OD) as per HIC manufacturing tolerance should be acceptable.

Disclaimer: Information's, written and verbal are provided by HIC, relative to its **rubber hoses** which it determines to be reliable & no liabilities of whatsoever nature in regards to its uses. The purchaser of HIC UNIVERSAL brand **rubber suction hose pipe and flexible high pressure tubing** should determine for itself the suitability of such **rubber** products.



Why HIC Universal

Hydraulic Rubber Hoses?

Burst-Safe 15 Bar Armoured Large Dia. Suction and Discharge

Aids Handling of Mines Mud Water, Minerals Processing Cyclone Feed Pump Abrasive Slurry, Cement Bulker Fly Ash, Asphalt Truck Hot Bitumen, Dock Petroleum Oil, Port Phosphoric Acid Chemical

Kink-less Flexible Yarn Braided up to 20 Bar Pressure Delivery

Helps Carrying Non Conductive Coolant in Furnace, Hot Water, Dairy Food Steam, Automotive Radiator Coolant, Gas Welding, Nitrogen, Forestry Fire, Marine Wash-down, Jackhammer Compressed Air

High Pressure HTS Wire Braided up to 1,250 Bar Spiral

Does Sturdy Job in Jetting Water-blast, Construction Concrete Pump Spray, Earthmover Hydraulic System, Oil Drilling, Mine Washer

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HIC UNIVERSAL

True Performance Rubbers



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WARRANTY CERTIFICATE

The goods tailor-made, supplied as per buyer's P.O. specifications is warranted against any manufacturing defects for 12 months from the date of Invoice, and assume liability of repairing free of cost in the event of any manufacturing defects.

HIC Int. shall be under no liability in respect of any defect in the goods arising from any drawing, design or specification supplied by the Client. Goods claimed to be in default must be returned to HIC's factory at client cost; cost for return transport prepaid.



HIC INTERNATIONAL CO INC

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Reliable Partner
For your
Fluid-Transfer
Tubing