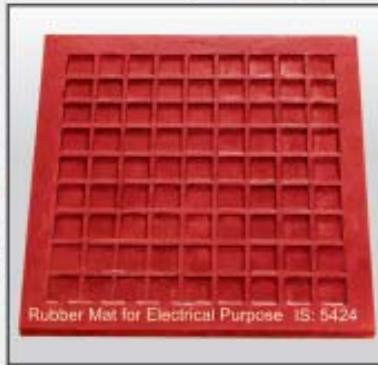
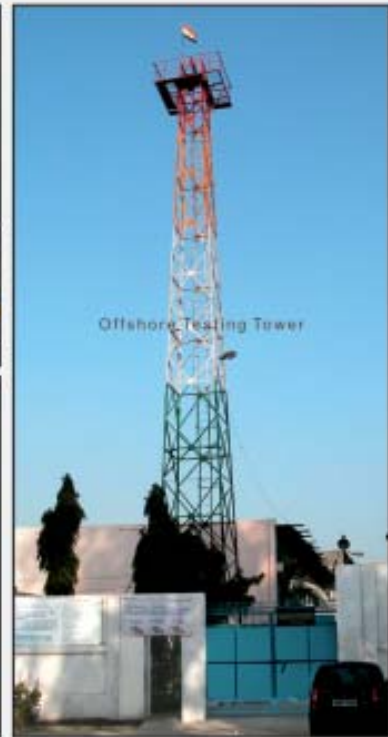




Leadership through Innovation

Ref No. : PIL/MKTG/08/R-O



Always use *Padmini* Industrial & Fire Fighting Hoses  
(Padmini Regd. Trade Mark)

*Padmini* Industries Limited




# Padmini<sup>®</sup> INDUSTRIAL HOSES

| Hose  | Nominal Bore MM  | Construction   | Application   |
|---|--|--|---|
| <p><b>General Purpose Rubber Water Hose</b></p> <p>IS:444-Type-1  <b>Marked</b><br/>           CM/L - 8422874<br/>           W.P. 6 kgf/cm<sup>2</sup><br/>           MIN. B.P. 19 kgf/cm<sup>2</sup></p> <p>IS:444-Type-2  <b>Marked</b><br/>           CM/L - 8422874<br/>           W.P. 10 kgf/cm<sup>2</sup><br/>           MIN. B.P. 32 kgf/cm<sup>2</sup></p> <p>IS:444-3A  <b>Marked</b><br/>           CM/L - 8422874<br/>           W.P.: 25 kgf/cm<sup>2</sup><br/>           MIN. B.P. 80 kgf/cm<sup>2</sup></p> <p><b>General Purpose Car Washing Hose</b></p> <p>IS:444-Type-3B  <b>Marked</b><br/>           CM/L - 8422874<br/>           W.P. 25 kgf/cm<sup>2</sup><br/>           MIN. B.P. 80 kgf/cm<sup>2</sup></p> | 10.0<br>12.5<br>20.0<br>25.0<br>31.5<br>38.0<br>50.0<br>63.0<br>75.0<br>100.0              | <p><b>Tube</b> : Uniform seamless lining of natural or blend of natural &amp; synthetic rubber.</p> <p><b>Reinforcement</b> : Plies of woven fabric or braiding textile of high strength synthetic fibre.</p> <p><b>Cover</b> : Black, smooth, cloth marked finish plain or ribbed cover of weather and abrasion resistant rubber. Type 3B Hoses have oil resistant outer cover.</p> <p>Type-1, Type-3A, Type-3B are ISI Marked up to 50mm NB and Type-2 is ISI Marked up to 100mm NB.</p> | <p>This Hose used for water delivery purpose has a wide range of applications in various industries like Mines, Dam, Railway, Construction sites and calamities such as <b>Fire Fighting</b> etc.</p> <p><b>Type 3B hoses are used in the automobile service centre for car washing.</b></p> <p><b>Service Tem. Range</b> :-40°F to +158°F.</p> |
| <p><b>Rubber Air Hose</b></p> <p>IS:446-1<br/>           W.P. 7 kgf/cm<sup>2</sup><br/>           MIN. B.P. 28 kgf/cm<sup>2</sup></p> <p><b>Rubber Air Hose Pneumatic Purpose</b></p> <p>IS:446 Type-2  <b>Marked</b><br/>           CM/L - 8447082<br/>           W.P. 10 kgf/cm<sup>2</sup><br/>           MIN. B.P. 40 kgf/cm<sup>2</sup></p> <p><b>Rubber Air Hose For Rock Drilling</b></p> <p>IS:446-Type-3  <b>Marked</b><br/>           CM/L - 8447082<br/>           W.P.: 14 kgf/cm<sup>2</sup><br/>           MIN. B.P. 56 kgf/cm<sup>2</sup></p>  | 12.5*<br>20.0*<br>25.0*<br>31.5*<br>38.0*<br>45.0<br>50.0<br>56.0<br>63.0<br>75.0<br>100.0 | <p><b>Tube</b> : Uniform seamless lining Made from blend of natural &amp; synthetic rubber compound. <b>In addition for Type-3 lining is resistant to oil mist.</b></p> <p><b>Reinforcement</b> : Plies of woven fabric or braiding textile of high strength synthetic fibre.</p> <p><b>Cover</b> : Black, smooth, cloth marked finish plain or ribbed cover of weather and abrasion resistant rubber. compound.</p> <p>*These sizes are ISI Marked in Type-2 &amp; Type-3</p>             | <p>Type-1 &amp; 2 Used with Compressors and other equipment as pneumatic tools for engineering purpose</p> <p>Type 3 Hoses used for Drilling Purpose in deep excavations operations.</p> <p><b>Service Tem. Range</b> :-40°F to +158°F.</p>   |
| <p><b>Rubber Hose for Welding</b></p> <p> <b>Marked</b></p> <p>IS:447<br/>           CM/L - 8447183<br/>           W.P. 12.5 kgf/cm<sup>2</sup><br/>           MIN. B.P. 50 kgf/cm<sup>2</sup></p>  | 5.0<br>6.0<br>8.0<br>10.0<br>12.5  | <p><b>Tube</b> : Uniform seamless tube of natural/synthetic rubber resistant to fuel gas (oxygen) and other non combustible gases.</p> <p><b>Reinforcement</b> : Plies of woven fabric or braiding textile of high strength synthetic fibre.</p> <p><b>Cover</b> : Natural/synthetic rubber.</p>   | <p>Used for gas welding purpose.</p> <p>(Blue Color Hose used for Oxygen and Red colour for non combustible gases)</p> <p><b>Service Tem. Range</b> :-40°F to +158°F.</p>   |
| <p><b>Rubber Hose for Fuel Dispensing Purpose</b></p> <p> <b>Marked</b></p> <p>IS:2396<br/>           CM/L - 8509886<br/>           W.P. 4 kgf/cm<sup>2</sup><br/>           MIN. B.P. 30 kgf/cm<sup>2</sup></p>  | 16.0<br>19.0*<br>25.0*<br>31.5*<br>38.0<br>50.0  | <p><b>Tube</b> : Synthetic Rubber Compound resistant to petroleum and diesel fuels.</p> <p><b>Reinforcement</b> : Braiding of high strength synthetic fibre.</p> <p><b>Electrical Bonding</b> : Low resistant electrical bonding wire of suitable number of strands is incorporated between the reinforcement plies.</p> <p><b>Cover</b> : Cloth marked finish cover resistant to weather abrasion, Petrol &amp; Diesel.</p> <p>*These sizes are ISI Marked.</p>                           | <p>Used for dispensing all type of petrol &amp; Diesel fuels.</p> <p><b>Service Tem. Range</b> :-40°F to +158°F.</p>  |
| <p><b>Rubber Hose for Agricultural Spray</b></p> <p>MEETS IS:1677, W.P 10 Kgf/cm<sup>2</sup><br/>           MIN. B.P. 30 kgf/cm<sup>2</sup></p>   | 6.3<br>8.0<br>10.0<br>12.5<br>16.0<br>20.0   | <p><b>Tube</b> : Uniform seamless lining of natural/synthetic rubber.</p> <p><b>Reinforcement</b> : Textile yarn of high strength.</p> <p><b>Cover</b> : Black, Smooth, Cloth marked finish or ribbed cover of weather and abrasion resistant rubber.</p>  | <p>Used for spraying liquid formulation of insecticides, fungicides and weeding.</p> <p><b>Service Tem. Range</b> :-40°F to +158°F.</p>   |



# Padmini<sup>®</sup> INDUSTRIAL HOSES



| Hose   | Nominal Bore MM   | Construction   | Application  |
|--|---|--|--|
| <b>Rubber Hose for HOT Water</b><br>MEETS IS:5821<br><br>W.P. 7 kgf/cm <sup>2</sup><br>MIN. B.P. 22 kgf/cm <sup>2</sup>  | 10.0<br>12.5<br>20.0<br>25.0<br>31.5<br>38.0<br>50.0<br>63.0<br>75.0                | <b>Tube</b> : A blend of natural & synthetic rubber resistant to effect of hot water.<br><b>Reinforcement</b> :Braiding of high strength synthetic fibre or woven fabric.<br><b>Cover</b> :Black, Smooth, Cloth marked finish or ribbed cover of heat, weather and abrasion resistant rubber.  | This Hose used for conveying Hot water at a temp. Below 100 Degree Cel. And pressure up to 7 kgf/cm <sup>2</sup> in locomotives, steel mills, and other industrials establishment, of similar nature.<br><br><b>Service Tem. Range</b> : up to 200° F. (Max.)  |
| <b>Rubber Hose for Steam.</b><br>MEETS IS:10655 Type-1 & Type- 2<br><br>W.P. 5 kgf/cm <sup>2</sup> (Type-1)<br>MIN. B.P. 50 kgf/cm <sup>2</sup><br>W.P.10 kgf/cm <sup>2</sup> (Type-2)<br>MIN. B.P. 100 kgf/cm <sup>2</sup>  | 10.0<br>12.5<br>16.0<br>20.0<br>25.0<br>31.5<br>38.0<br>50.0                        | <b>Tube</b> : Uniform seamless lining made from blend of natural & synthetic rubber compound.<br><b>Reinforcement</b> : Braiding of high strength synthetic fibre.<br><b>Cover</b> : Black, smooth, cloth marked finish cover of suitable rubber compound resistant to heat, weather and oil.  | Used in steel mills, thermal plants, heavy engineering industries for conveying saturated steam at a specified pressure.<br><br><b>Service Tem. Range</b> : up to 300° F   |
| <b>Rubber Hose for Sand Blasting</b><br>IS : 5894 TYPE 1  <b>Marked</b><br>CM/L - 8523880<br>W.P. 7kgf/cm <sup>2</sup><br>MIN. B.P. 35kgf/cm <sup>2</sup><br><br>IS : 5894 type 2  <b>Marked</b><br>CM/L - 8523880<br>W.P.10kgf/cm <sup>2</sup><br>MIN. B.P. 50kgf/cm <sup>2</sup> | 20.0*<br>25.0*<br>31.5*<br>38.0*<br>45.0*<br>50.0*<br>56.0<br>63.0<br>75.0<br>100.0 | <b>Tube</b> : Extra thick seamless tube of soft natural rubber compound of high tensile strength, excellent abrasion resistant and free from any mineral filler.<br><b>Reinforcement</b> : Plies of woven textile of high strength natural or synthetic fibre.<br><b>Electrical Bonding</b> : Low resistant electrical bonding wire in-corporated between the reinforcement plies to provide electrical continuity along the whole length of the hose.<br><b>Cover</b> : Natural/synthetic Rubber, cloth marked finish.<br><i>*These size are ISI marked</i> | This hose used for sand/shot blasting applications for conveying sand and other abrasive materials at high velocity in heavy engineering industries, ordnance factories etc.<br><br><b>Service Temp. Range</b> : -40° F to + 158° F.                           |
| <b>Rubber Hose for Cement Grouting</b><br>MEETS IS : 5137<br><br>W.P. 10kgf/cm <sup>2</sup><br>MIN. B.P. 40 kgf/cm <sup>2</sup>  | 25.0<br>31.0<br>38.0<br>50.0<br>63.0<br>75.0  | <b>Tube</b> : Highly abrasion resistant soft natural rubber compound.<br><b>Reinforcement</b> : Woven/Braided or spirally wound textile of high strength synthetic fibres.<br><b>Electrical bonding</b> : low resistant electrical bonding wire in-corporated between the reinforcement plies to provide electrical continuity along the whole length of the hose.<br><b>Cover</b> : Cloth marked finish cover, resistant to weather and abrasion.   | Used for cement Grouting at irrigations projects, buildings sites, bridges etc.<br><br>Service Temp. Range : -40° F to + 158° F.   |
| <b>Rubber Hose for Chemicals</b><br>(dilute & concentrated)<br>MEETS IS : 7654<br>W.P. 10kgf/cm <sup>2</sup><br>MIN. B.P. 32kgf/cm <sup>2</sup> (Type -1)<br>MIN. B.P. 40kgf/cm <sup>2</sup> (Type -2)<br>Type -1(for Dilute Chemicals.)<br>Type - 2(for Concentrated Chemicals.)  | 10.0<br>12.5<br>16.0<br>19.0<br>25.0<br>31.5<br>38.0<br>50.0                        | <b>Tube</b> : Uniform seamless lining made form a suitable rubber compound resistant to the chemical for which the hose is to be employed.<br><b>Reinforcement</b> : Plies of Woven Textile with/ without helical wire.<br><b>Cover</b> : Smooth, or corrugated cloth marked finish synthetic rubber.  | Used for conveying chemicals during productions and transfer operation.<br><b>Service Temp. Range</b> : -40° F to + 158° F.  |
| <b>Carbon Free/Heat Resistant Cable Coolant Rubber Hose.</b><br>W.P. 10kgf/cm <sup>2</sup><br>MIN. B.P. 40kgf/cm <sup>2</sup>  | 12.5<br>20.0<br>25.0<br>31.5<br>38.0<br>50.0<br>63.0<br>75.0<br>90.0<br>105.0       | <b>Tube</b> : white / black smooth non conductive rubber compound heat & electrical resistant.<br><b>Reinforcement</b> : Rubberised woven textile fabric/ natural/synthetic.<br><b>Cover</b> : heat and electrical resistant rubber compound with/without asbestos cover.  | This hose is specially designed for service in iron/steel mills, glass works, electrical furnaces and out fields where the hose is required to be resistant to heat, radiation, and splashes of hot metal.<br><b>Service Temp. Range</b> : -40° F to + 158° F. |



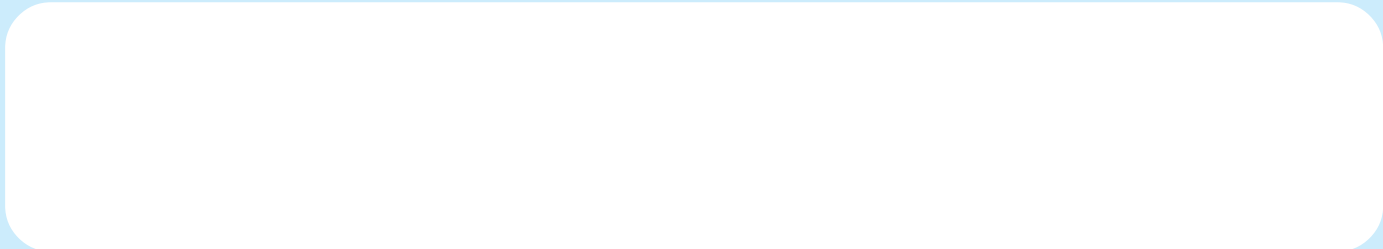
| Hose  | Nominal Bore MM   | Construction   | Application  |
|---|---|--|--|
| <b>Rubber Hose for Brewery (Food Grade)</b><br>W.P. 10kgf/cm <sup>2</sup><br>MIN. B.P. 40kgf/cm <sup>2</sup>  | 12.5<br>20.0<br>25.0<br>31.5<br>38.0<br>50.0  | <b>Tube</b> : White Hygienic Quality blend of synthetic and natural rubber free from odour taste or toxic effect.<br><b>Reinforcement</b> : Rubberized woven textile with or without helical wire or braiding of synthetic fibre.<br><b>Cover</b> : Food grade rubber compound, white or coloured cloth marked finish.   | This hose is manufactured with non toxic rubber and used for conveying milk / liquors / edible oils/ Dairy products etc.<br><br><b>Service Temp. Range</b> : -40°F to + 158° F.  |
| <b>Electrically Bonded Road &amp; Rail Tanker Hose of Rubber, Resistant to Petroleum Products.</b><br><br>MEETS IS: 10733<br>Type-1A&B/Type-2A&B/Type-3 (Rough & Smooth Bore)   | 31.5<br>38.0<br>50.0<br>63.0<br>75.0<br>100.0   | <b>Tube</b> : Uniform seamless Lining of suitable rubber compounding highly resistant to Petroleum Products.<br><b>Reinforcement</b> : Plies of woven textile which is wellrubberized from both sides with a suitable rubber compound and a helical GS wire embedded between the fabric plies.<br><b>Electrical Bonding</b> : Low resistant electrical bonding wire is in-corporated between the reinforcement plies to provide electrical continuity along the whole length of the hose.<br><b>Cover</b> : Smooth/ Corrugated synthetic rubber compound which is resistant to weather, abrasion and petroleum products.<br><b>End Connection</b> : Hose can be supplied with built in nipple, with or without flanges.  | This hose used for loading/unloading of Road / Rail Tanker carrying Petroleum and blended products which have an aromatic hydrocarbon content of maximum 25%<br><br><b>Service Temp. Range</b> : -40°F to + 158° F.  |
| <b>Rubber Hose for Water Suction &amp; Discharge (Heavy Duty)</b><br>IS:3549 Type -1 & 2 (Rough & Smooth Bore)<br><br>IS:3549  <b>Marked</b><br>CM/L - 8505272<br>W.P. 7kgf/cm <sup>2</sup><br>MIN. B.P. 21kgf/cm <sup>2</sup><br><br>IS:3549  <b>Marked</b><br>CM/L - 8505272<br>W.P. 10kgf/cm <sup>2</sup><br>MIN. B.P. 30kgf/cm <sup>2</sup><br><br>IS:3549  <b>Marked</b><br>CM/L - 8505272<br>W.P. 15kgf/cm <sup>2</sup><br>MIN. B.P. 45kgf/cm <sup>2</sup> | 25.0<br>31.5<br>38.0<br>50.0<br>63.0<br>75.0<br>100.0<br>125.0<br>150.0<br>200.0<br>250.0<br>300.0<br>Upto<br>900.0 | <b>Tube</b> : A blend of Natural/Synthetic rubber compound resistant to water and abrasion.<br><b>Reinforcement</b> : Natural/ Synthetic Fabric with two helical GS wire embedded between the reinforcement plies in case of Smooth Bore. In case of rough bore two helical wire reinforced, first is internal and visible from inside and second is embedded between layer of plies.<br><b>Cover</b> : Corrugated or plain cloth marked finish outer cover made from Natural rubber compound resistant to weather, abrasion etc.<br><b>End Connection</b> : Each Hose length has soft plain ends on each side for clamping or can be supplied with built in nipples and flanges on request.<br><br><b>Sizes up to 250mm are ISI Marked</b>  | Used for Heavy duty water Suction and discharge service, where rugged yet flexible hose is required both for dewatering and delivery purpose during excavation of mines, Projects construction, deflooding operation, Handling sewerage, waste water and mud etc.<br><br><b>Service Temp. Range</b> : -40°F to + 158° F. |
| <b>Oil Suction &amp; Discharge Service Hose</b><br>(For Dock and Offshore operation)<br><br>MEETS IS:8189<br>(Rough & Smooth Bore)<br><br>W.P. 7kgf/cm <sup>2</sup><br>MIN B.P. 28kgf/cm <sup>2</sup><br><br>W.P. 10kgf/cm <sup>2</sup><br>MIN B.P. 40kgf/cm <sup>2</sup><br><br>W.P. 15kgf/cm <sup>2</sup><br>MIN B.P. 60kgf/cm <sup>2</sup>   | 63.0<br>75.0<br>100.0<br>125.0<br>150.0<br>200.0<br>250.0<br>300.0<br>350.0<br>400.0                                | <b>Tube</b> : Uniform Lining of suitable rubber compound highly resistant to all grades of Petroleum and blended Products having aromatic hydrocarbon content not more than 25%.<br><b>Reinforcement</b> : Plies of woven textile which is well rubberized from both sides with a suitable rubber compound and a helical GS wire embedded between the fabric plies in case of smooth bore and in rough bore hose first is internal and second is embedded.<br><b>Electrical Bonding</b> : Low resistant electrical bonding wire is in-corporated between the reinforcement plies to provide electrical continuity along the whole length of the Hose.<br><b>Cover</b> : Plain or Corrugated outer cover having cloth marked finish with a suitable rubber compound resistant to abrasion weather and Oil.<br><b>End Connection</b> : The Hose has built in nipples with orwithout flanges as per customer requirement. | This Hose used for dock and offshore operations of petroleum products containing not more than 25% aromatic hydrocarbon.<br><br><b>Service Temp. Range</b> : -40°F to + 158° F.  |



# Padmini<sup>®</sup> INDUSTRIAL HOSES

| Hose   | Nominal Bore MM      | Construction   | Application  |
|--|----------------------|--|--|
| <b>Non Percolating Flexible Fire Fighting Delivery Hose (RRL)</b><br>IS : 636 - Type - A  <b>Marked</b><br>CML No. 8623682<br>Test Pressure - 21.4 kgf/cm <sup>2</sup><br>MIN B.P. - 35.7 kgf/cm <sup>2</sup> | 38<br>50<br>63<br>70 | <b>Jacket</b> : Circular woven jacket made from a special blend of cotton and synthetic yarn with high abrasion and heat resistance and jacket is also treated with suitable Rot proofing agent.<br><b>Reinforcement</b> : A thin fabric reinforcement bonded by special adhesive.<br><b>Rubber Lining</b> : A rubber inner lining with suitable rubber compound which gives flexibility, durability & better ageing resistance.<br><b>Standard length</b> : 30 Mtrs & 15 Mtrs<br><b>End Connection</b> : as per customer requirement. | Used for water delivery purpose in fire-fighting.  |
| <b>Controlled Percolating Hose For Fire Fighting (C.P. Hose)</b><br>IS : 8423  <b>Marked</b><br>CM/L N0.8618891<br>Test Pressure 21.4kgf/sq.cm<br>Min B.P. 35.7 kgf/sq.cm                                     | 38<br>50<br>63<br>70 | <b>Jacket</b> : Circular woven jacket made from special synthetic yarn.<br><b>Rubber Lining</b> : an ultra thin layer of rubber lining with suitable rubber compound which ensure controlled percolation.<br><b>Standard length</b> : 30 Mtrs & 15 Mtrs<br><b>End Connection</b> : As per customer Requirement.  | Used for water delivery purpose in fire-fighting.  |
| <b>Other Hoses</b>   |                      | Mud Slurry / Bulk Hoses / Radiator / Dredger Hoses or As per customer Requirement.   |  |
| <b>Rubber Mat for Electrical Purpose</b><br>IS:5424<br>Size : 1Mtr. X 2Mtr.<br>Thickness : 6.5mm to 25mm   |                      | Electrical rubber mat manufactured from high quality of natural rubber compound.<br><b>Surface</b> : Rubber Mats have Chequered/ Corrugated anti skid fluted design / Plain on upper surface and Plain at lower surface or as per customer requirement.<br><b>Colour</b> : Black / Red or as per customer requirement.<br><b>Voltage Test</b> : Rubber Mat are tested at 15kv for one minute and break down voltage is minimum 40kv when tested in air between Electrodes.   | Rubber Mats are used as floor covering around electrical panels with rated voltage of 3300 Volts or high as safe guard to the life and limb of the workmen due to possible leakage of current and short circuit. |
| <b>Rubber Sheet</b>  |                      | Natural, Nitrile, Hypalon, Butyle, Neoprene, EPDM, High Pressure, Insertion Sheets, Viton etc.<br><b>Size</b> : 1MtrX2Mtrs, 1MtrX Long Length, 1.2MtrsX2.4Mtrs. 1.2Mtrs.X Long Length<br><b>Thickness</b> : 2mm to 50mm  |  |

**Authorised Dealer**





## COMPANY PROFILE

*Padmini* Industries Limited was established in 1989. The Company Business Scope is mainly Rubber Hoses, Rubber Sheets & Fire Fighting Hoses and other allied rubber products manufactured as per customer's specifications and drawings. *Padmini* Industries was established by a small group of People, Technologist, Engineers with competent management who come together to form *Padmini* in Delhi. Over the last two decades the company is being run by a team of dedicated Technocrats, sophisticated manufacturing plant & machinery with modern testing equipments and In House R & D facilities. The organization always endeavoured to keep pace with latest requirement of the Industry and is capable to meet its mass demand at short notice with consistent quality products. "Excellence through Quality" is our motto and Quality Management System ISO:9001:2000 guide us in the right direction. Over two decades a team of dedicated Technocrats backed by sophisticated manufacturing plant and machinery clubbed with an ultra modern R & D Laboratory has been producing all kinds of Low, Medium and High Pressure Hoses for a variety of Industries with ZERO defects. Customized and Tailor made production is our speciality. Most of our components are produced in house with backward and forward integration ensuring thereby a timely delivery with quality and quantity. The hose division manufacture the hoses conforming to nearly 25 user countries International specifications viz. BS, IS, DIN, etc.

Leadership through Innovation

*Padmini* Industries Limited

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