

ANIL ENGINEERING CO.

Mangal Bhuvan, Relief Road, Ahmedabad.

Company Profile:-

- Established in the year 1982, Anil Engineering Co. has emerged as a pioneer entity with the motive to supply standardized quality products. We have successfully attained an unprecedented position in such a competitive market.
- Anil Engineering Co is one of the leading organisation engaged in trading and supplying of a wide range of Hose Pipes, Pressure gauges, Fluid Power Components, Industrial Gas Regulators & Welding Materials, Asbestos & Non Asbestos Jointing Sheets & Precision Measuring Instruments that are diversely used in various industries.

Our Product Range

1. **HOSES:-** Hydraulic Hoses, Industrial Hoses,
& PVC Hoses.
2. **PRESSURE GAUGES, TEMPERATURE GAUGES & its
Accessories.**
3. **FLUID POWER COMPONENTS:-** PNEUMATIC &
HYDRAULIC COMPONENTS
4. **INDUSTRIAL GAS REGULATORS & WELDING MATERIALS**
5. **ASBESTOS, NON ASBESTOS JOINTING SHEETS &
RUBBER SHEETS**
6. **BAKER MAKE PRECISION MEASURING INSTRUMENTS &
MACHINE TOOLS**

HYDRAULIC HOSES FOR INDUSTRIAL & EARTH MOVING APPLICATIONS

BRAIDED, MULTISPIRAL, WATER JETTING, THERMOPLASTIC HOSES

Maximum Working Pressure of Hoses



HOSE I.D.	R1		R2		R3		R6		4SP	
INCH	PSI	BAR	PSI	BAR	PSI	BAR	PSI	BAR	PSI	BAR
1/4"	3265	225	5800	400	1250	86	400	28	**	**
5/16"	3120	215	5100	350	1200	83	400	28	**	**
3/8"	2610	180	4800	330	1125	78	400	28	6450	445
1/2"	2320	160	4000	276	1000	69	400	28	6020	415
5/8"	1890	130	3600	250	875	60	350	24	5075	350
3/4"	1525	105	3100	215	750	52	300	21	5075	350
1"	1275	88	2400	165	565	39	190	13	4060	280
1.1/4"	915	63	1800	125	375	26	**	**	3045	210
1.1/2"	725	50	1300	90	250	17	**	**	2685	185
2"	580	40	1160	80	215	15	**	**	2395	165



HOSE I.D.	4SH		R9		R12		R13		JACK HOSE	
INCH	PSI	BAR	PSI	BAR	PSI	BAR	PSI	BAR	PSI	BAR
1/4"	**	**	**	**	**	**	**	**	10000	690
5/16"	**	**	**	**	**	**	**	**	**	**
3/8"	**	**	4500	310	4000	276	10000	690	10000	690
1/2"	**	**	4000	276	4000	276	7500	517	**	**
5/8"	**	**	**	**	4000	276	**	**	**	**
3/4"	6100	420	3000	207	4000	276	5000	345	**	**
1"	5516	380	3000	207	4000	276	5000	345	**	**
1.1/4"	4720	325	2500	172	3000	207	5000	345	**	**
1.1/2"	4210	290	2000	138	2500	172	5000	345	**	**
2"	3625	250	2000	138	2500	172	5000	345	**	**



HOSE I.D.	R5	
INCH	PSI	BAR
1/4"	3000	207
5/16"	2250	155
13/32"	2000	138
1/2"	1750	121
5/8"	1500	103
7/8"	800	55
1.1/8"	625	43
1.3/8"	500	34
1.13/16"	350	24
2.3/8"	350	24

Hose I.D.	SUPER		WATERBLAST	
INCH	PSI	BAR	PSI	BAR
1/4"	**	**	**	**
5/16"	**	**	**	**
3/8"	5080	350	12000	828
1/2"	5005	345	14500	1000
5/8"	4350	300	**	**
3/4"	3845	265	12000	828
1"	3045	210	**	**
1.1/4"	2250	155	**	**
1.1/2"	**	**	**	**
2"	**	**	**	**

Note:- The Burst Pressure is 4 times the Maximum Working Pressure

	SAE100 R1AT	SAE100 R2AT	SAE 100 R3	EN 854 R6
Application	High Pressure Hydraulic Oils, Air & Water	High Pressure Hydraulic Oils, Air & Water	Medium Pressure Hydraulic Oils, Air & Water	Low Pressure Hydraulic Oils, Air & Water
Construction				
Tube	Synthetic Oil Resistant Rubber			
Reinforcement	1 High Tensile Steel Wire Braid	2 High Tensile Steel Wire Braid	2 Textile braid	1 Textile Braid
Cover	Synthetic Rubber Abrasion Ozone and Weather Resistant			
Temp Range	-40 to 120 Deg C			
Impulse Cycles	Minimum 150,000	Minimum 200,000		

	SAE 100 R5R	Jack Hose	Water Blast	EN 856 4SP	EN 856 4 SH
Application	High Pressure Hydraulic Oils, Air & Water	High Pressure Hydraulic Oils, Air & Water	Ultra High Water Blast Applications	Very High Pressure Hydraulics	Extra High Pressure Hydraulics
Construction					
Tube	Synthetic Oil Resistant Rubber				
Reinforcement	1 Textile braid and 1 high Tensile Steel Wire braid	2 High Tensile Steel Wire Braid	4 High Tensile Steel wire Spirals	4 High Tensile Steel wire Spirals	4 High Tensile Steel wire Spirals
Cover	Synthetic Rubber Abrasion Ozone and Weather Resistant				
Temp Range	-40 to 120 Deg C				
Impulse Cycles	Minimum 150,000			Minimum 400,000	Minimum 400,000

	SAE100 R9AT	EN 856 R12	EN 856 R13	Super
Application	High Pressure Hydraulics	Very High Pressure Hydraulics	Extremely High Pressure Hydraulics	High Pressure Hydraulic Oils, Air & Water
Construction				
Tube	Synthetic Oil Resistant Rubber			
Reinforcement	4 High Tensile Steel Wire Braid	4 High Tensile Steel Wire Spirals	4 or 6 High Tensile Steel Wire Spirals	2 High Tensile Steel Wire Braid
Cover	Synthetic Rubber Abrasion Ozone and Weather Resistant			
Temp Range	-40 to 120 Deg C			
Impulse Cycles	Minimum 300,000	Minimum 500,000	Minimum 500,000	Minimum 200000

INDUSTRIAL HOSES

STEAM HOSES:-

IS 10655: 1999 TYPE 1,2&3/BS 5342



Application:- Steam at high temperature

Construction:-

Tube:- Steam and heat resistant EPDM rubber
Reinforcement 1 or 2 high tensile steel wire braid
Cover:- Synthetic rubber - abrasion, ozone and weather resistant
Temp range:- up to 250° C
Available in running length upto 2" size with Working Pressure ranging from 150 PSI (10 Bar) to 232 PSI (16 Bar)

ROCK DRILL HOSE:-

EXCEEDS IS 446: 1980 TYPE 3



Application:- High Pressure Rock Drill and Pneumatic Service in Drilling Construction and general Industry

Construction:-

Tube:- Heat and oil mist resistant rubber
Reinforcement 1 high tensile steel wire braid
Cover:- Tough abrasion resistant yellow rubber
Temp range:- -35° C to +100° C
Available in 1.1/4", 1.1/2", 2" sizes with working pressure of 500 PSI (35 Bar)

PETROL DISPENSING HOSE:-

EXCEEDS IS 2396: 1988 SOFTWALL



Application:- Fuel dispensing hose

Construction:-

Tube:- Synthetic rubber, resistant to petrol and diesel fuels
Reinforcement 2 textile braid and copper wire **OR**
1 high tensile steel wire braid
Cover:- Synthetic rubber - abrasion, ozone and weather resistant
Temp range:- -40° C to +55° C
Available in 3/4" and 1" sizes with working pressure of 116 PSI (8 Bar)

LOW PRESSURE HOSE 'LP' HOSE:-



Application:- AIR & WATER

Extruded Rubber tubing or Vulcanised Rayon
Construction:- Braided
between rubber tubing and outer metal braided

Cover:- Outer cover metallic GI braided

Temp range:- 40o C to + 93o C

Available in running length upto 2" size with working pressure ranging From 150 PSI (10 Bar) to 855 PSI (57 Bar)

STAINLESS STEEL CORRUGATED FLEXIBLE HOSES:-



HOSE:- S.S. Corrugated Flexible Hoses are made from 6 mm (1/4") to 300 mm (12") inside diameter. A full range of metallic flexible hoses and hose assemblies are manufactured in austenitic steel are AISI 304, 321, 316 L, conforming to international quality standards.

Temp range:- (-270° C to +700° C)

Maximum Working Pressure ranging from 0.5 Kg / Cm2 to 4 Kg / Cm2

CHEMICAL HOSES :-



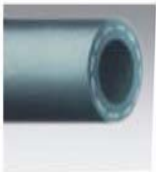
Application:- Suitable for conveying various kinds of Acids, Alkalies, Alcohol materials
Caustic Soda, Lime Solutions, Inorganic Salts, Hydrocarbons & other Solvents

Construction:-

Tube:-	Specially compounded EPDM rubber
Reinforcement	High tenacity Synthetic Yarn or Fabric Plies with/or without Wire helix
Cover:-	Specially compounded EPDM Black Rubber

Available in Sizes 12.5 mm to 50 mm with Working Pressure 12 KG/Cm2

PNEUMATIC TOOL HOSE:-



Application:-

All types of Pneumatic tools in industries compressed air applications and construction industry

Construction:-

Tube:-	Modified Nitrile Rubber Black
Reinforcement	Single Braid of High tenacity Synthetic Yarn OR Single Braid of High Tensile Brass Coated Steel wire
Cover:-	Specially compounded Highly Abrasion Natural Rubber.

Available in Working Pressure ranging from 100 PSI to 200 PSI upto 2" Size.

PTFE TEFLON HOSE:-



Application:-

Steam, Chemicals, Solvents etc

Construction:-

Tube:-	Smooth Inside Core in PTFE of extruded White Teflon
Reinforcement	One Braid in S.S. AISI 304 wire

Cover:- -60° C +260° C

Available in size upto 1" with Working Pressure ranging from 1000 PSI to 3000 PSI

SAND/SHOT BLASTING HOSE:-



Application:-

For Sand Shot Blasting applications where Abrasive Material are carried at high velocity

Construction:-

Tube:- Specially Compounded Abrasion Resistant & Natural rubber
Reinforcement High Tenacity Synthetic Yarn. Twin Copper wires ensure reliable conductivity
Cover:- Specially compounded abrasion resistant Natural rubber.

WELDING HOSE:-

(Oxygen & Acetylene Hose)



Application:-

Designed for Oxy - Acetylene welding and cutting equipment in all types of Industries, Oil Refineries, Steel Plants & Service Stations

Construction:-

Tube:- Seamless tube blend of Natural & Synthetic rubber resistant to fuel gas Oxygen and other non combustible gases
Reinforcement Braiding of High Strength Synthetic Fibre
Cover:- Plain or Fluted cover of Rubber for lasting performance under severe conditions
Maximum Working Pressure of 25 Kg/cm²

CARBON FREE HEAT RESISTANT HOSE:-



Application:-

Designed for carrying cables conducting 11 KVA & above can with stand temperatures up to 100 Deg continuous

Construction:-

Tube:- Synthetic Carbon Free White Tube
Reinforcement High Tenacity Synthetic Yarn

Cover:- Specially Compounded Green cover
Maximum Working Pressure ranging from 7kg/cm² to 15 kg/cm²

CEMENT GROUTING HOSE:-



Application:-

Required for Spraying of Cement Grout at Irrigation projects, Building sites, Bridges and Roads.

Construction:-

Tube:- High Abrasion Resistant Soft Compound Rubber
Reinforcement Braided or Spirally rapped textile material or Synthetic Fibers

HEAVY DUTY HOSE (Grey)



Application:- Heavy duty suction and delivery of abrasive materials
Designed for Heavy Duty Applications in Construction & Engineering
Cement Conveying, Chemical Industry, Coal Mines, Shipping etc.

Temp range:- $60^{\circ}\text{C} + 70^{\circ}\text{C}$

Available is Sizes 25mm to 200 mm with Working Pressure ranging from 8 kg/cm² to 2.5 kg/cm²

OIL HOSE (Blue)

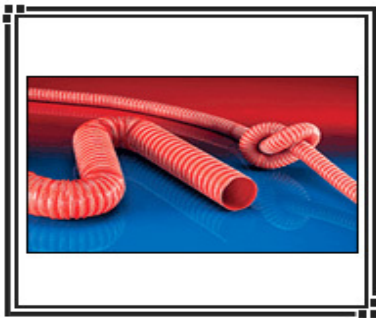


Application:- Ideal for transportation of Mineral Oils, Diesel Fuels, Kerosene, Lubricating Oils, Transformer Oils, Liquefied Petroleum Products and variety of Chemical Products

Temp range:- $60^{\circ}\text{C} + 70^{\circ}\text{C}$

Available is Sizes 25mm to 75 mm with Working Pressure ranging from 8 kg/cm² to 4.5 kg/cm²

SILICON HOSE:-



Application:- Suitable for Hot and Cold Air, for Granule dryers in Plastic Industry for Blowers and Compressors, for Exhaust Gas Technique and Engine Construction.

Construction:-

- 1) Spring Steel wire Integrated in wall
 - 2) Fabric Reinforced Tape
 - 3) Cord as Reinforcement
 - 4) Wall:- Silicon Coated Glass Fabric
- Temp range:- (-70°C to $+260^{\circ}\text{C}$)

NON TOXIC HOSE (Transparent):-



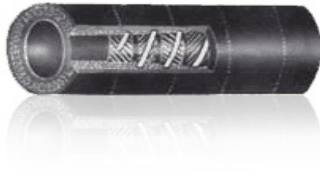
Application:- Recommended for Conveying Beverages, Food Products, Aerated Drinks

Temp range:- $60^{\circ}\text{C} + 70^{\circ}\text{C}$

Available is Sizes 38mm to 75 mm with Working Pressure of Maximum 4 kg/cm²

HOSES FOR FERTILIZERS AND CHEMICAL PLANTS:-

OIL SUCTION & DISCHARGE HOSE / WATER SUCTION & DISCHARGE HOSE, CHEMICAL SUCTION & DISCHARGE HOSE



Application:-

Working Pressure:-

Temp Range:-

Construction:-

Size Range:-

Air, Water, Oil & Chemical

Upto 20 KGcm²

-20° C To +80° C

Inner Tube Resistant OIL / Chemicals, Textile
Reinforcement with Embedded Steel Wire Helix,
Rubber Cover Resistant to Weather Oil & Abrasion
1" TO 8" I.D.

IMPORTED PU DUCT HOSE:-



Application:-

Construction:-

Temp Range:-

Size Range:-

Blowing Ventilation fume removal wooden / plastic
duct powder, gases, textiles, plastic, printing,
chemical, paint & pharmaceutical industry

Copper Coated Steel wire

40.C to 90.c (+125.c short

term)

Available ID 40mm to 350mm

PVC SUCTION HOSES:-

HEAVY DUTY HOSE:-



Application:-

Working Pressure:-

Temp Range:-

Ideal for heavy duty suction and delivery of abrasive
materials in industries such as coal & mineral mines
stone 7 lime quarries, cement, chemical, petrochemi-
cals, oil exploration & construction etc.

Upto 8 KGcm²

Maximum working temperature : 60/70°C

DUCT HOSE:-



Application:-

Size Range:-

Ideal for Light Duty collection & conveying of Air,
Gases, Dust & Light Materials. Used for conduits of
air, industrial ventilation, collecting dust with exhaust
fans in fibreglass, textiles, asbestos processing,
cooling of motors and air intakes of all machineries

Available ID 22mm to 250mm

STEEL WIRE HOSE:-






Application:-




Construction:-




Conveying of Bulk Drugs in Pharma Industry, Food
& Beverage Lines & Chemical Transfer




Spring Steel Wire Inside Soft PVC Body




PRESSURE GAUGES




			
Designation	COMMERCIAL	GLYCERIN FILLED	INDUSTRIAL GAUGES
Nominal Size (mm)	63,100, 150, 200	63,100,150	100,150,250
Scale Range	0-700 KG/CM2	0-700 KG/CM2	0-700 KG/CM2
Accuracy	2.5%	2.5%	1%
Thread Connection	1/4",3/8",1/2" BSP & NPT	1/4",3/8",1/2" BSP & NPT	1/4",3/8",1/2" BSP & NPT
Mounting	Bottom,Back,Panel,Surface	Bottom,Back,Panel,Surface	Bottom,Back,Panel,Surface
Case & Bezel	Black Powder Coated	S.S.304	S.S.304
Pressure Elements	Bourdon Tube	Bourdon Tube	Bourdon Tube
Wetted Parts	Brass, S.S.304	Brass, S.S.304	Brass, S.S.304
Application	Pneumatic Air Control Systems, Air Conditioning	Hydraulics, Chemical Inds, Petrochemicals Pneumatics	Pollution Control, Hydraulics, Chemical Inds




			
Designation	TEST & MASTER GAUGE	ELECTRIC CONTACT	CHEMICAL SEALED
Nominal Size (mm)	150, 200, 250	100, 150	100,150,250
Scale Range	0-2500 KG/CM2	Vacuum, 0-700 KG/CM2	Vacuum, 0-70 KG/CM2
Accuracy	0.5%	1%	1%
Thread Connection	3/8", 1/2 ", BSP & NPT	1/4", 3/8", 1/2 ", BSP & NPT	1/4", 3/8", 1/2 ", BSP & NPT
Mounting	Direct Bottom	Bottom, Back, Panel, Surface	Direct Bottom
Case & Bezel	SS 304/Die cast Aluminum	SS 304	SS 304
Pressure Elements	Bourdon Tube	Bourdon Tube	Bourdon Tube
Wetted Parts	SS 316	Brass, S.S.316	SS 316
Application	Testing & Calibration	Chemical, Water Treatment,	Chemical, Pharmaceutical

			
Designation	COMPACT SEALED	HOMEGENIZOR GAUGE	MUD GAUGE
Nominal Size (mm)	63,100,150	100, 150	100, 150
Scale Range	0-70 KG/CM2	0..to 2000 kg/cm ²	0-400 KG/CM2
Accuracy	1%	1%	1%
Thread Connection	¼", 3/8", ½ ", BSP & NPT	DIRECT DIAPHRAGM	¾", 1", 1½", 2" BSP & NPT
Mounting	Direct Bottom	Direct Bottom	Direct Bottom
Case & Bezel	SS 304	SS 304	SS 304
Pressure Elements	Bourdon Tube	Bourdon Tube	Bourdon Tube
Wetted Parts	SS304 & SS 316	SS 316	SS 316
Application	Chemical, Water Treatment, Pharmaceutical, Petrochemicals, Power Plants.	Pharmaceutical, Food & Beverages, Dairy	OIL FIELD / MUD PUMP

			
Designation	LOW PRESSUE CAPSULE GAUGE	DIFFERENTIAL PRESSURE GAUGE	SPECIAL PURPOSE GUAGES
Nominal Size (mm)	100, 150	100, 150	100, 150, 250
Scale Range	0-10000 MMWC / 0-1000 MBAR	0-1000 KG/CM2	0..to 2500 kg/cm ²
Accuracy	2%	2.5%	1%
Thread Connection	1/4", 3/8", ½ ", BSP & NPT	1/4", 3/8", ½ ", BSP & NPT	1/4", 3/8", ½ ", BSP & NPT
Mounting	Direct Bottom	Bottom, Surface	Direct Bottom
Case & Bezel	SS 304	SS 304	SS 304
Pressure Elements	CAPSULE	Bourdon Tube	Bourdon Tube
Wetted Parts	SS304 & SS 316	SS304 & SS 316	SS304 & SS 316
Application	Chemical and Petrochemical, Water treatment Plants	Gaseous & Liquid Media	Chemical and Petrochemical, , Hydraulic, and Food & beverages

			
Designation	Bi Metallic Temperature GAUGE	Mercury / Gas Filled Temperature GAUGE	CAPSULE SEALED GUAGES
Nominal Size (mm)	100, 150	100, 150	100, 150
Scale Range	0..to..600 C	0..to..650 C	0..to 2000 kg/cm ²
Accuracy	1%	1%	1%
Thread Connection	3/8", 1/2 ", BSP & NPT	3/8", 1/2 ", BSP & NPT	Screwed
Mounting	Bottom, Back, Surface, Panel	Bottom, Back, Surface, Panel	Bottom, Surface
Case & Bezel	SS 304	SS 304	SS 304
Pressure Elements	Bi Metal	Mercury In Metal and Gas in Metal	Tongue Type Capsule
Wetted Parts	SS304 & SS 316	SS304 & SS 316	SS304 & SS 316
Application	ANY INDUSTRIES	Chemical, Petrochemical, Plastic & Paper	Chemical and Petrochemical, Plastic, Paper, Dairy and Food & Beverages

			
Designation	FLANGED SEALED GUAGE	SMS CONNECTION GUAGE	THERMO PRESSURE GUAGE
Nominal Size (mm)	100, 150	100, 150, 250	100
Scale Range	0..to 1500 kg/cm ²	0..to 60 kg/cm ²	0 to 4.2 kg/cm ² to 0 to 21 kg/cm ²
Accuracy	1%	1%	1%
Thread Connection	As per Standards or as per requirement	Screwed (SMS)	1/4", 3/8", 1/2 ", BSP & NPT
Mounting	Direct Bottom	Direct Bottom	Bottom, Back
Case & Bezel	SS 304	SS 304	SS 304
Pressure Elements	Bourdon Tube	Bourdon Tube	Bourdon & Bi-metal
Wetted Parts	SS304 & SS 316	SS304 & SS 316	SS304 & SS 316
Application	Chemical & Petrochemical	Chemical, Pharamceuticals	Hot Water Boilers & Water Heaters

			
Designation	SCHAFFER DIAPHRAGM GAUGE	DIAPHRAGM DIFFERENTIAL GAUGE	AMMONIA GAUGE
Nominal Size (mm)	100, 150	100, 150	63,100
Scale Range	0..to 6000 MMWC Low Pressure & 0..to 0.6 to 25 kg/cm ² High Pressure	0..to. 0.6 to 420 kg/cm ²	75% of Scale Value
Accuracy	1.6%	1.6%	1.6%
Thread Connection	3/8", 1/2" BSP & NPT and Flanged Connection	1/4", 3/8", 1/2 ", BSP & NPT	1/2" / 3/8" BSP
Mounting	Direct Bottom	Bottom, Surface	Direct Bottom
Case & Bezel	SS 304	SS 304	M.S. Black Powder Coated
Pressure Elements	Schaffer's Diaphragm	Diaphragm	Bourdon Tube
Wetted Parts	Spring Steel Teflon Coated, SS 304, SS 316	SS 304 & SS 316	TIG Argon arc welding
Application	Chemical & Petrochemical, Food & Beverage Industry, Mechanical Engineering Plant & Apparatus Construction.	Suitable for Clean Air, Corrosive Environments, & Gaseous Liquid Media.	Irrigation Systems, Air Conditioning & Refrigeration.

Also our range includes:-

- Hydraulic Pressure Gauges (upto **10000 PSI**, 63 / 100 mm Size Weather Proof & Glycerin Filled)
- Vacuum and Compound Gauges
- Mega Pascal & Kilo Pascal Gauges (Weather Proof & Glycerin Filled).
- Specially Designed Load Gauges in Tons & Kilo Newton's. (Weather Proof & Glycerin Filled).
- Digital Pressure Gauge
- We offer wide range of Customized Products for Pressure & Temperature Gauges with unique design solutions that meet customer needs.

ACCESSORIES:-

- High Pressure Needle Valve
- High Pressure NRV
- Gauge Cock
- Gauge Saver

FLUID POWER COMPONENTS

PNEUMATIC CYLINDERS

ISO Standard 6431

Single / Double Acting



Miniature Air Cylinder

Single / Double Acting



Heavy Duty Cylinder

Single / Double Acting



Magnetic Cylinder

Bore Size	32mm to 160mm	12,16,20 & 25mm	25mm to 450mm
Stroke	Upto 2500mm	Upto 1000mm	Upto 2500mm
Pressure	Upto 12 Bar	Upto 12 Bar	Upto 12 Bar
Media	Air & Gas	Air & Gas	Air& Gas
Material of Construction	Aluminum, Brass, Nitrile, Steel, Acetal, Iron, Bronze, Polyutherane		

AIR PREPARATION UNITS

FILTER



REGULATOR



LUBRICATOR



FRL MODULAR



Size Range	1/4", 1/2", 3/4", 1"
	1 1/2" & 2" BSP & NPT
Pressure	Upto 10 KG/Cm2
	Air & Gas
Media	

DIRECTIONAL CONTROL VALVES

1. SOLENOID VALVES: - 3/2, 5/2, 5/3, - (G 1/4", G 3/8", G 1/2", G 1")



Medium:- Compressed Air, Filtered, Lubricated or Non Lubricated
Operating Pressure:- 0 to 10 KG/CM2
Operating Temperature:- -5 to 60 Deg C

2. PILOT OPERATED VALVES: - 3/2, 5/2, 5/3, - (G 1/4", G 3/8", G 1/2", G 1")



Medium:- Compressed Air, Filtered, Lubricated or Non Lubricated
Operating Pressure:- 0 to 10 KG/CM2
Operating Temperature:- -5 to 60 Deg C

3. MANUAL & MECHANICAL VALVES:- 3/2, 5/2, 5/3, - (G 1/4", G 3/8", G 1/2", G 1")



Medium:- Compressed Air, Filtered, Lubricated or Non Lubricated
Operating Pressure:- 0 to 8 KG/CM2
Operating Temperature:- -5 to 60 Deg C
Port Size:- Inlet, Outlet, Exhaust

AIR LINE VALVES

1. FLOW CONTROL VALVE:- (SIZES:- 1/8", 1/4", 3/8", 1/2" & 3/4", BSP & NPT)



2. QUICK EXHAUST VALVE:- (SIZES:- 1/8", 1/4", 3/8", 1/2" & 3/4", BSP & NPT)



3. NON RETURN VALVE:- (SIZE:- 1/8", 1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", & 2", BSP & NPT)



4. ACCESSORIES:-

▪ One Touch Fittings:-



▪ Tubings:-



▪ Quick Release Couplings:-



INDUSTRIAL GAS REGULATORS

High Pressure Gas Regulators:-



INLET PRESSURE 400 BAR (KG)	0 to 280 Input Capacity
OUTLET PRESSURE 280 BAR (KG)	0 to 280 Bar Outlet Capacity

Special Gas Regulators in Brass Completed & in Stainless Steel:-



Two Stage
With S.S. Metal Diaphragm
With Two In / Out Pressure Guages
Maximum Inlet Pressure (Kg/cm³) 250 Bar
Maximum Outlet Pressure 0 to 15 Kg/cm³ flow up to 9000 Liter per hour
Gas Filter in Three steps :- Inlet / Nipple in first stage control nut / and in second stage control nut
Gases Nitrogen, Hydrogen, Zero Air, Argon Helium, Co₂ - BF₃, Ammonia, Nitrous Oxide, Nitric Oxide, Oxygen, Acetylene, Neon, Methyline.

CO₂ Gas Fountain Regulators:-



Brass - Chromplated or in Stainless Steel
With One Inlet Pressure Gauge up to 250 kg cm³ Bar
With Two Outlet with Separate Gauges for each Outlet
Co₂ gas regulators are properly configured, inter-locked, safe and it ensures trouble free service

President Brand Make Heavy Duty Cutting Torch & Accessories:-



Forged Brass Specified Material
Oxygen & Fuel Gas Tube Use 3 Nos Stainless Steel tube
Stainless Steel Spindle are used in Control Knob

Welding Cables " Copper & Aluminium"



Flash Back Arrestors:-

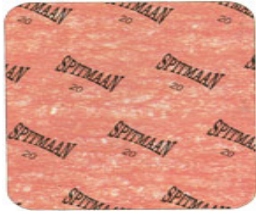


Hand Gloves:- Rubber, Leather, Cotton



COMPRESSED ASBESTOS FIBRE JOINTING SHEETS

STYLE 20 STEAM :-



Application:- Low pressure Steam, Water, Gases & Alkalies

Recommended Maximum Temperature:- 380°C.

Recommended Maximum Pressure :- 35 Kg / cm².

STYLE 51 HIGH PRESSURE:-



Application:- Steam, Neutral Non Flammable Gases, Dyes, Alkalies, Fats, Oils,

Recommended Maximum Temperature:- 440°C.

Recommended Maximum Pressure :- 80 kg/cm²..

STYLE 39 RED / GREY HIGH PRESSURE:-



Application:- Dry & Wet Steam, Water, Gases & Alkalies

Recommended Maximum Temperature:- 440°C.

Recommended Maximum Pressure :- 80 kg/cm²..

STYLE 54 SUPER:-



Application:- Saturated Steam, Oxygen, Petroleum Distillates, Oils & Fats, Fuels, Internal Combustion Engines, Hydrocarbons, Alcohols, Solvent, Dyes etc

Recommended Maximum Temperature:- 550°C.

Recommended Maximum Pressure :- 150 kg/cm²..

STYLE 20 METALLIC:-



Application:- General Purpose Application where temperature &

Pressure are not too severe

Recommended Maximum Temperature:- 415°C.

Recommended Maximum Pressure :- 40 kg/cm²..

STYLE 59 OIL:-



Application:- Used in pipelines and apparatus of petrochemical fields, Oil & Petroleum Industries, industrial process with high contents of aromatic substances

Recommended Maximum Temperature:- 550°C.
Recommended Maximum Pressure :- 150 kg/cm2..

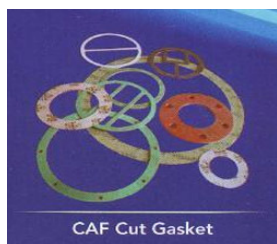
STYLE 60 ACID:-



Application:- Used against hot concentrated organic, inorganic, and mineral acids, hydrochloric, sulphuric and nitric acids in chemical industries

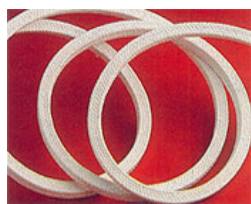
Recommended Maximum Temperature:- 210°C.
Recommended Maximum Pressure :- 150 kg/cm2..

READY CUT GASKETS:-



We offer wide range of Ready Cut Gaskets. The ready gaskets that we are offering are appreciated for features like high tensile strength, durability, corrosion resistance. Clients use our extensive range of cut gaskets in diverse industrial purposes.

PURE PTFE YARN & PTFE IMPREGNATED YARN:-



A reliable packing for valves, agitators, rotary and reciprocating pumps, in highly aggressive chemicals, corrosive liquids, concentrated acids, alkalies, oils, solvents, gases, pharmaceutical & foodstuff industries.

Temperature:- -200°C to +280°C

Pressure:- Upto 400 bar

HIGH TENSILE STRENGTH FILLED PTFE YARN & GRAPHITE FILLED PTFE YARN:-



This packing is developed for high speed shafts in rotating, reciprocating, and static services, valve stems, and high pressure applications against chemicals, acids, oil, pulp, paper

Temperature:- -250°C to +300°C

Pressure:- Upto 250 bar for Graphite filled and 350 bar for TENSILE FILLED

NON ASBESTOS FIBRE JOINTING SHEETS



ASBESTOS LAGGING ROPE:-



Application:- Used for insulation of steam pipe line in power plants, and industries in sizes 12mm to 51mm

Temperature Centigrade:-
300°

ASBESTOS YARN:-



Application:- For Dry Heat, Blast Furnace Connections, Coke Ovens, Gas Generators

Temperature Centigrade:-
315°

ASBESTOS BRAIDED ROPE:-



Application:- Asbestos dry plaited general steam and insulation packing for hot gases, oven, autoclaves etc

Temperature Centigrade:-
350°

SILICONE RUBBER SHEET:-



This type of Rubber sheets has high dielectric strength and low permeability to gas and air applications. Normal temperature ranges is (-40 degree C to + 180 Deg C)

NATURAL, NEOPRENE, NITRILE, EPDM RUBBER SHEETS & RUBBER MATTING



BAKER MAKE PRECISION MEASURING INSTRUMENTS

**Digmatic
Micrometer**



0-25 / 0" to 75 -
100 /
3" - 4"

**Outside
Micrometer**



0.25 mm to 175 -
200 mm
0" to 7"

Lever Dial Guages



5 x 0.01mm



0.8 x 0.01mm

Dial Thickness Gauge



Dial Thickness Gauge 0-25 x 0.01 mm

Plunger Dial Guages



10 x 0.01 mm



1 x 0.001 mm



25 x 0.001 mm

Digital Caliper



AUTOMOTIVE & CUTTING TOOLS:-

AUTOMOTIVE TOOLS:-



Mechanics Tools set



Ratchets & Accessories



Wrenches,
& Wrench set



Screw Drivers

CUTTING TOOLS:- HSS & SOLID CARBIDE



Ground Thread
Taps



Twist Drills



Solid Carbide



Reamers

HYDRAULIC FITTINGS

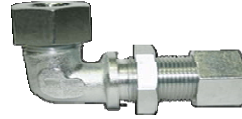
EQUAL COUPLINGS

Straight Coupling
Equal Elbow Coupling



BULKHEAD COUPLINGS

Straight Bulkhead Coupling
Elbow Bulkhead Coupling



PARALLEL STUD COUPLING

Male Stud Coupling
Male Stud Elbow Coupling



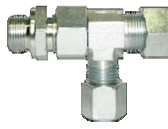
TAPER MALE STUD COUPLINGS

Taper Male Stud Elbow
Taper Male Stud Branch Tee Coupling
Taper Male Stud Run Tee Coupling



SWIVEL COUPLINGS

Swivel Elbow Coupling / Connector
Swivel Run Tee Coupling / Connector



REDUCING STAND PIPE



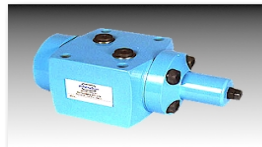
REDUCERS

Male / Female Reducing Thread Adaptors



HYDRAULIC VALVES

Pressure Control Valves



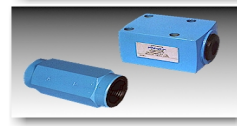
Solenoid / Lever / Pilot Operated Direction Control Valves



Flow Control Valve



Check Valve



Hi Pressure Ball Valve 2 Way & 3 Way



Pipe Clamp Heavy & Light Duty



Contact Us

Name:-	Mr Anil Sanghvi / Mr Hemen Sanghvi
Address:-	Mangal Bhuvan, Kadia Kui, Relief Road Ahmedabad – 380001 Gujarat, India
Phone:-	+91- 079 -27461229
Mobile:-	9925363259 / 9377445156
Fax:-	+91- 079 - 22160200
Email ID	anilengineeringco@gmail.com
Alternate Email Id	shatrunjaytrading@yahoo.com

Client Tele

- Sadbhav Engineering Ltd.
- Backbone Projects Ltd.
- Jai Hind Projects
- Western Railways
- ONGC Ltd. (Mehsana)
- Institute of Plasma Research
- Western India Engineering
- Ratnamani Metals & Tubes Ltd.
- JK Lakshmi Cement Ltd. (kalol)
- Ultra Cast (I) Pvt Ltd
- Deep Industries Pvt Ltd
- ITD Cementation Ltd
- Electrotherm India Ltd.
- Patel Wood Products Pvt Ltd (Gandhidham)
- Man Industries (I) Ltd
- Toshiba Plant Systems

