



CHENNAI PIPES & VALVES

Exporter/ Wholesale Dealer/ Project Suppliers in Pipe Line Products

WHOM DO WE SERVE:

- ✓ *Tamil Nadu Water Supply and Drainage Board (TWAD)*
- ✓ *Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB)*
- ✓ *Major Infrastructure Companies*
- ✓ *Major Pipe line Contractors*
- ✓ *Atomic Energy /IGCAR*
- ✓ *CPWD*
- ✓ *Public Works Department (PWD)*
- ✓ *All Water Bodies*
- ✓ *Corporations*
- ✓ *Municipalities*
- ✓ *Railways*
- ✓ *SIPCOT*



REACH US:

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DUCTILE IRON & CAST IRON PIPES



DUCTILE IRON SOCKET SPIGOT PIPES TO IS: 9523 TYTON PUSH ON JOINTING

Class: K7 & K9

*Available Brands: SRIPIPES / RASHMI/ TATAMETALIKS
/JAIBALAJI.*

Application: Underground Water / Sewerage / gas/Fire Fighting



CAST IRON SOCKET SPIGOT PIPE TO IS: 1536 TYTON / LEAD JOINT:

Class: LA, A, B

Application: Underground Water / Sewerage / gas/Fire Fighting

Available Brands: ELECTROSTEEL / KAPILANSH



DUCTILE IRON DOUBLE FLANGE PIPE:

*Produced as per IS: 8329 Class K9 with Screwed on and Weld on
Flange (As per client requirement).*

FLANGE DRILLING: PN10 /PN16

*Application: Over Head Tank, Sump/Well, Pump Room,
Treatment Plant, Fire Fighting Line.*



CAST IRON DOUBLE FLANGED PIPE:

*As per IS:7181 With Molded flanges, As per IS:1536 With Screwed
on Flanges.*

*Application: Over Head Tank, Sump/Well, Pump Room, Treatment
Plant, Fire Fighting Line.*

Pressure Tested: 10 to 16 Kg/cm²

DUCTILE IRON SPECIALS AS PER IS: 9523

Available Brands: TRUFORM/ AARKO/ CHANDRANCHAL.

All Socket Tee



Mechanical Joint



Flange Socket



Double Socket Bend 45 Deg



Double Socket Reducer



Socket Tee with Flange Branch



CAST IRON SPECIALS/FITTINGS AS PER IS: 1538

Flange Spigot



Double Socket Bend



All Flange Tee



Duck Foot Bend



Semi Circular Bend



CAST IRON DOUBLE FLANGE SLUICE VALVE ISI MARKED IS: 14846:

CI Sluice valves Produced as per IS:14846 with Non Rising, Rising Spindle, With or Without Gear Arrangement as per customers Requirement. Can be operated with Wheel / Cap / Actuator.

Nominal Pressure (PN)

MPa

PN 1.0

PN 1.6

Nominal Size

mm

50 to 1200

50 to 600

Size Range: 050mm – 1200mm

MOC :

Body : Cast iron, Spindle: SS/Brass, Seat Ring : GM, Wedge Nut: High Tensile Bronze, Gland Packing : Asbestos Rope



CAST IRON DOUBLE FLANGED NON RETURN VALVE ISI PN 1.0 IS: 5312

CI Reflex Valve (Non Return Valve) produced as per IS:5312 With Single Door, Multi Door(600mm and above).

PN 1.6, PN1.0 and PN 0.6

The nominal pressure various sizes shall be as follows:

Size of valves	Nominal pressure
Mm	MPa
50 to 125	1.6
150 to 300	1.0
350 to 600	0.6

MOC :

Body & Disc : Cast iron, Seat Ring : GM/EPDM



CAST IRON PENSTOCK VALVE (SLUICE GATE) IS: 3042 / IS:13349

Cast Iron Single faced penstock produced circular, square or rectangle in shape. Supplied With Head Stock Arrangements, Gear Arrangements, Actuator.

Thimble Mounted design also available as per IS:13349.

MOC : Door & Frame : Cast iron, Spindle: SS/MS, Seat Ring : GM, Size Range : 200mm – 2000 mm.

Alternately can be fabricated in **Stainless Steel** against Client requirement.

Applications: Dams, Sewage well, Lake.



DUCTILE IRON RESILIENT GATE VALVE
BS:5163/IS:14846:

PRODUCT FEATURES.

- Wedge fully rubber lined all over the EPDM
 - Optimum contact between body seating and rubber sealing surfaces on wedge.
 - Eliminate gland leaks and reduce gland friction torque substantially
- Sealing surface are high quality smooth casting having smooth and

COATING:

Electro statically fusion bonded epoxy coating inside and outside with Ral 5005 Gr. Blue color with coating thickness of min. 250 microns or As desired by customer.

Size Range : 50mm to 1000mm

UNIQUE CHARACTERISTICS.

- Bubble tight seats.
- Minimum pressure drop
- Very low operating toque.
- Long life.
- Straight through flow passage.
- Max. Operating temperatures for neutral liquids: 50°C

HYDROSTATIC TESTING:

PN RATING	BODY	SEAL	TEST DURATION(minutes)	
			BODY	SEAT
PN 10	1.5 Mpa	1.0 Mpa	5	2
PN 16	2.4 Mpa	1.6 Mpa	5	2



DUCTILE IRON SINGLE CHAMBER AIR VALVE

CORROSION PROTECTION: All casting parts, internal and outside, are Covered with Electrostatic epoxy powder coating (Fusion Bonded Epoxy). Min.250 pm. Floats made of Stainless Steel. Tamper Proof Design.

APPLICATIONS: For working pressure of minimum 0.3 bars and fluid Temperature Up to 70°C (for other conditions on request).

DN (mm)	PN (bar)	PRESSURE	TEMPERATURE	BODY TEST PRESSURE
40 - 200	10	10	70	16
40 - 200	16	16	70	24
40 - 200	20	20	70	30

Size Range : 40mm to 200mm.

ADVANTAGE: Reliable design, Small dimensions, Sealing: NBR or EPDM, Screws of corrosion resistant steel A2, Electrostatic epoxy powder coating (Fusion Bonded Epoxy), internal parts made of corrosion resistant steel. Higher capacity than double chamber valves



DUCTILE IRON RESILIENT NON RETURN AIR VALVE:

APPLICATIONS: Water & Sewage

FEATURES: All casting parts, internal and outside, are Covered with Electrostatic epoxy powder coating (Fusion Bonded Epoxy). Min.250 pm. Swing type Disc Fully Coated with EPDM Rubber.

HYDROSTATIC TESTING: PN 1.60



CAST IRON/ DUCTILE IRON VALVES & ACCESSORIES



**Butterfly Valve
With Gear**



**Dual Plate Check Valve
Flanged**



Wafer Check Valve



CI Single Air Valve



'Y' Strainer



CI Double Air Valve



Ball Type Check Valve



CI Foot Valve



Wafer Butterfly Valve



'T' Strainer



Earth Pipe (CI)



Kinetic Air Valve



Spun (Jute) Yarn



Rubber Flange



Pig Lead bar



Bolt Nut Washer



Manhole cover (CI/ DI)



Electro Magnetic Water Meter



Tyton Rubber Ring (SBR/EPDM)

FIRE FIGHTING VALVES & FITTINGS



Landing Valve



Four Way Inlet



Three Way Inlet



Two Way Inlet



Fire Hose Reel with Drum



Fire Hose Coupling



MS Hose box



SS Double Landing Valve



Stand Post



water monitor with GM/ Nozzle



Air Vent with Strainer



Fire Hose Reel



Branch Pipe Nozzle



***C.I. Spun Pipe
As Per IS: 3989***



CI Soil Fittings IS:3989 / CI Hubless Fittings IS:15905



QUALITY AND SERVICE:

Having 22 YEARS of experience in this field, We are committed to provide service of the highest possible level with Excellent quality Products to our Valuable Customers. In order to achieve this, we are continually improving processes, products and services, meeting and exceeding customer satisfaction at all times.

HAPPY TO HEAR FROM YOU:

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வாழ்க வளமுடன் - Wish you Prosperous Life!!