

Passionately Empowering...
...Farmers since Decades!

PIPE DIVISION



INTRODUCTION

Envisioned with a passion to revolutionize the agricultural arena in the country, KOTHARI GROUP, today is one of the most trusted brands of the farmers. One of the most advanced infrastructure in the industry, stern eye to every minutest detail, flawless quality, thoughtfully planned international collaborations and a mission to be the farmers most preferred partner, has led this company grow in leaps and bounds within a short span of time.

With its super advanced, high technology plants in Solapur District of Maharashtra State in India, Kothari Group caters to farmers all across the country with a professional and loyal chain of dealers, distributors & company representatives.

The group operates mainly in three domains i.e. Irrigation, Pipes & Cables by providing consultancy as well as products manufactured with utmost precision.

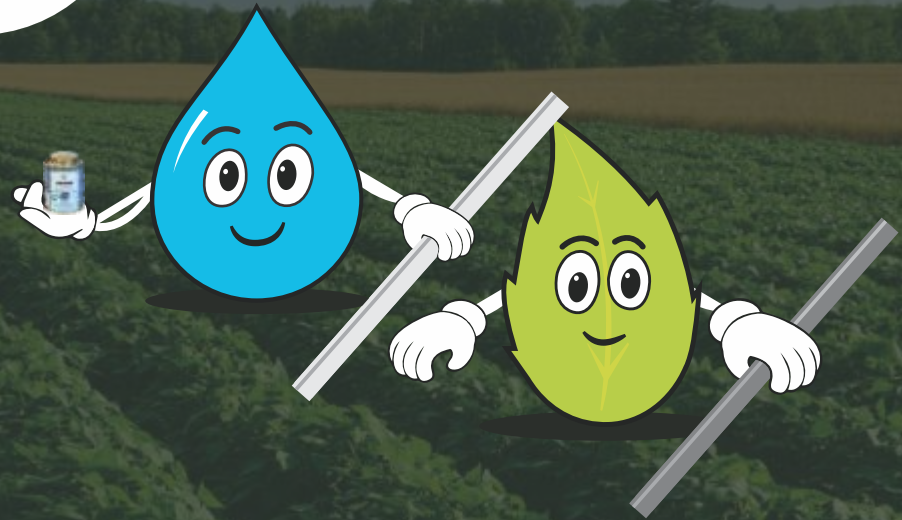
Welcome to **Kothari Group**.

Welcome to the best friend of farmers.





KOTHARI
GROUP



KOTHARI[®] PIPES

Passionately
Empowering Farmers
since Decades!



KOTHARI[®]

PIPE DIVISION

PVC PIPES & FITTINGS

SUCTION HOSE PIPES

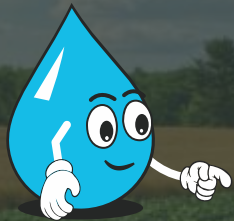
HDPE PIPES & FITTINGS

COLUMN PIPES



www.kotharigroupindia.com

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COLUMN PIPES





Features and Benefits

- The Self fit (Solvent Cement Joint) pipes have one end self-socketed and the other end plain, which fits tightly without the use of couplers.
- 50% saving in installation time, as compared with plain ended pipes and loose coupler.
- Self Fit pipes are supplied in a standard length of 6 meters exclusive of the socket portion.
- High flow characteristics.
- Manufactured from high quality uPVC compound.
- Excellent corrosion and chemical resistance to most acidic and alkaline solutions.
- Light weight, easy to handle and transport.
- Excellent flow characteristics.

Applications

- Potable water supply system
- Lift & Gravity irrigation system
- Drip/Sprinkler Irrigation System
- Rain water harvesting
- Industrial process Lines
- Chemical conveyance system
- Cooling Tower & Hydro Power Station
- Tube -Well Construction
- Soil, Waste & Rain water system
- Agriculture irrigation distribution system
- Effluent treatment & conveyance pipeline system
- Centrifugal pump suction & delivery pipes.
- Industrial Plumbing.
- Cable duct pipe in telephone and electric work.

Available Sizes

- Range : Self fit pipes are manufactured in the range of 20 mm to 315 mm diameters in 2.5, 4, 6, 8, 10 and 12.5 kgf/cm² working pressure.



Technical Specifications

Dimension of Unplasticized Self Fit PVC Pipes As Per IS 4985 : 2000

Nominal Outside Diameter (Nominal Size)	Mean Outside Diameter		WALL THICKNESS											
			Class 2 0.25 MPa		Class 2 0.4 MPa		Class 3 0.6 MPa		Class 4 0.8 MPa		Class 5 1.0 MPa		Class 6 1.25 MPa	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
20	20.0	20.3	-	-	-	-	-	-	-	-	1.1	1.5	1.4	1.8
25	25.0	25.3	-	-	-	-	-	-	1.2	1.6	1.4	1.8	1.7	2.1
32	32.0	32.3	-	-	-	-	-	-	1.5	1.9	1.8	2.2	2.2	2.7
40	40.0	40.3	-	-	-	-	1.4	1.8	1.8	2.2	2.2	2.7	2.8	3.3
50	50.0	50.3	-	-	-	-	1.7	2.1	2.3	2.8	2.8	3.3	3.4	4.0
63	63.0	63.3	-	-	1.5	1.9	2.2	2.7	2.8	3.3	3.5	4.1	4.3	5.0
75	75.0	75.3	-	-	1.8	2.2	2.6	3.1	3.4	4.0	4.2	4.9	5.1	5.9
90	90.0	90.3	1.3	1.7	2.1	2.6	3.1	3.7	4.0	4.6	5.0	5.7	6.1	7.1
110	110.0	110.4	1.6	2.0	2.5	3.0	3.7	4.3	4.9	5.6	6.1	7.1	7.5	8.7
125	125.0	125.4	1.8	2.2	2.9	3.4	4.3	5.0	5.6	6.4	6.9	8.0	8.5	9.8
140	140.0	140.5	2.0	2.4	3.2	3.8	4.8	5.5	6.3	7.3	7.7	8.9	9.5	11.0
160	160.0	160.5	2.3	2.8	3.7	4.3	5.4	6.2	7.2	8.3	8.8	10.2	10.9	12.6
180	180.0	180.6	2.6	3.1	4.2	4.9	6.1	7.1	8.0	9.2	9.9	11.4	12.2	14.1
200	200.0	200.6	2.9	3.4	4.6	5.3	6.8	7.9	8.9	10.3	11.0	12.7	13.6	15.7
225	225.0	225.7	3.3	3.9	5.2	6.0	7.6	8.8	10.0	11.5	12.4	14.3	15.3	17.6
250	250.0	250.8	3.6	4.2	5.7	6.5	8.5	9.8	11.2	12.9	13.8	15.9	17.0	19.6
280	280.0	280.9	4.1	4.8	6.4	7.4	9.5	11.0	12.5	14.4	15.4	17.8	19.0	21.9
315	315.0	315.0	4.6	5.3	7.2	8.3	10.7	12.4	14.0	16.1	17.3	19.9	21.4	24.7
355	355.0	355.1	5.1	5.9	8.1	9.4	12.0	13.8	15.8	18.2	19.6	22.6	24.1	27.8
400	400.0	400.2	5.8	6.7	9.1	10.5	13.5	15.6	17.8	20.5	22.0	25.3	27.2	31.3

Note 1 : The table is based on metric series of pipe dimension given in ISO 161/1 in respect of pipe dimensions and ISO DIS 4422.

Note 2 : The wall thickness of pipe is based on a safe working stress of 8.6 Mpa at 27°C. The working pressure gets reduced at sustained higher temperatures. Occasional rise in temperature, as in summer, with concurrent corresponding reduction in temperature during nights has no deleterious effect on the working pressure of the pipes considering the total life of pipe.



Features and Benefits

- Elastomeric uPVC Pipe
- Convenient push-fit joints. Saves manpower.
- Jointing can be done during any time of the day under any weather condition.
- Faster installation, immediate pressure testing and commissioning possible.
- Joints accommodate expansion and contraction.
- Joints are resistant to soil movement due to earthquake effects.
- The elastomeric rings have properties matching to Pipe with long shelf life.
- Excellent corrosion and chemical resistance to most acidic and alkaline solutions.
- Light weight, Easy to handle and transport.

Applications

- Used as Mainline OR Sub main in drip irrigation systems.
- Water distribution lines, Sewerage transmission lines, Reclaimed water distribution lines, Lift irrigation, etc.

Available Sizes

- Range: Elastomeric pipes are manufactured in the range of 63 mm to 315 mm diameters in 4, 6, 8, 10 and 12.5 kgf/cm² working pressure.

Technical Specifications

Water Flow, Velocity, Frictional Head Losses, Irrigation Area & Pump														
Pipe Size		Water flow - capacity				Velocity meter per second		Frictional Head Loss Metre per 1000 meter		Number of Joint per Ltr of Cement	Irrigable Area (Acres)	Pump Requirement		
		Ltr. per second		Cusec (Cu-Ft/Sec)								Flow (LPS)	Head (M)	HP
mm	inch	Min	Max	Min	Max	Min	Max	Min	Max					
20	0.50	0.06	0.18	0.002	0.006	0.25	0.75	7.5	52	300	0.24	0.12	20	2
25	0.75	0.08	0.38	0.003	0.013	0.25	1	5.75	65	250	0.46	0.23	20	2
32	1.00	0.16	0.6	0.005	0.021	0.25	1	4.2	48	200	0.6	0.38	20	2
40	1.25	0.26	0.95	0.009	0.033	0.25	1	2	36	170	1.2	0.6	20	2
50	1.50	0.42	1.2	0.014	0.042	0.25	1.25	2.3	55	125	1.6	0.8	25	2
63	2.00	0.70	4	0.024	0.141	0.25	1.5	1.7	42	110	4.7	2.35	25	2
75	2.50	1.00	5	0.035	0.176	0.25	1.5	1.3	34	90	6	3	25	3
90	3.00	1.50	7.5	0.052	0.264	0.25	1.5	1.1	27	70	9	4.5	25	5
110	4.00	2.20	12	0.077	0.423	0.25	1.5	0.8	22	50	14	7	25	5
125	4.50	5.00	15	0.176	0.529	0.5	1.5	2.2	18	39	20	10	25	7.5
140	5.00	7.00	19	0.247	0.671	0.5	1.5	2	15	28	26	13	25	7.5
160	6.00	9.00	25	0.317	0.883	0.5	1.5	1.6	13	25	34	17	28	10
180	7.00	12.00	32	0.423	1.13	0.5	1.5	1.4	12	20	44	22	28	12.5
200	8.00	15.00	40	0.529	1.412	0.5	1.5	1.3	9	13	55	27	28	15
225	9.00	18.00	50	0.635	1.766	0.5	1.5	1.1	8.5	10	68	34	30	20
250	10.00	22.00	62	0.771	2.19	0.5	1.5	0.95	7.5	8	84	42	30	25
280	11.00	28.00	70	0.989	2.154	0.5	1.5	0.85	7	6	98	49	30	30
315	12.00	52.00	95	1.836	3.355	0.75	1.5	1.5	5.75	4	147	73	30	40
355	14.00	67.00	190	2.366	3.391	0.75	1.5	1.3	5	3	163	81	35	60
400	16.00	85.00	350	3.000	5.651	0.75	1.5	1.1	4.2	2	245	122	35	80
450	18.00	110.00	600	3.885	7.064	0.75	1.5	0.95	3.6	1	310	155	35	100

Dimension of Unplasticized Elastomeric PVC Pipes As Per IS 4985 : 2000										
Nominal Outside Diameter (Nominal Size)	Mean Outside Diameter		WALL THICKNESS							
			Class 2 0.4 MPa		Class 3 0.6 MPa		Class 4 0.8 MPa		Class 5 1.0 MPa	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
63	63.0	63.3	1.5	1.9	2.2	2.7	2.8	3.5	3.5	4.1
90	90.0	90.3	2.1	2.6	3.1	3.7	4.0	4.6	5.0	5.7
110	110.0	110.4	2.5	3.0	3.7	4.3	4.9	5.6	6.1	7.1
125	125.0	125.4	2.9	3.4	4.3	5.0	5.6	6.4	6.9	8.0
140	140.0	140.5	3.2	3.8	4.8	5.5	6.3	7.3	7.7	8.9
160	160.0	160.5	3.7	4.3	5.4	6.2	7.2	8.3	8.8	10.2
180	180.0	180.6	4.2	4.9	6.1	7.1	8.0	9.2	9.9	11.4
200	200.0	200.6	4.6	5.3	6.8	7.9	8.9	10.3	11.0	12.7
225	225.0	225.7	5.2	6.0	7.6	8.8	10.0	11.5	12.4	14.3
250	250.0	250.8	5.7	6.5	8.5	9.8	11.2	12.9	13.8	15.9
280	280.0	280.9	6.4	7.4	9.5	11.0	12.5	14.4	15.4	17.8
315	315.0	316.0	7.2	8.3	10.7	12.4	14.0	16.1	17.3	19.9
355	355.0	356.1	8.1	9.4	12.0	13.8	15.8	18.2	19.6	22.6
400	400.0	401.2	9.1	10.5	13.5	15.6	17.8	20.5	22.0	25.3



Moulded Elbow



Moulded Tee



Moulded Reducer



Moulded MTA



Moulded End Cap
(Plain & Threaded)



Moulded FTA



Moulded Tail Piece



Reducing Tee



Service Saddle



Reducing Bush

Features and Benefits

- Manufactured from high quality PVC raw material.
- High flow characteristics.
- Light in weight and long life.
- Easy to handle and transport.
- Very less frictional losses.
- Excellent resistance to corrosion and chemicals.

Applications

- For water supply
- Lift irrigation system
- Drip irrigation system
- Domestic / Industrial plumbing
- Subsoil drainage system
- In industry for chemical jointing of pipeline

Available Sizes

- PVC (Agri) Moulded Fittings : 40 mm to 160 mm



Fabricated Coupler Fabricated Tail Piece Fabricated Reducer



Fabricated Y Piece Fabricated Bend



Features and Benefits

- **PVC Fabricated Fittings -**
- Manufactured from high quality PVC raw material.
- High flow characteristics.
- Light in weight and long life.
- Easy to handle and transport.
- Very less frictional losses.
- Excellent resistance to corrosion and chemicals.
- **Rubber Ring Repair Coupler -**
- Convenient push-fit joints. Saves manpower.
- Jointing can be done during any time of the day under any weather conditions.
- Faster installation.
- For repairing damaged pipe line.
- The Elastomeric rings have properties matching to Pipe with long life.

Available Sizes

- PVC Fabricated Fittings - Range : 20 mm to 315 mm
- Rubber Ring Repair Coupler - Range : 63 mm to 315 mm



Technical Specifications

Number of Joints per Liter of Solvent Cement		Pipe Joint Drying Time : (Temperature 10° to 37° Celsius)	
Size (mm)	1 Ltr. Solvent Cement = Below No. of Joints	Pipe Size (mm)	Min
63	125 Joints	20 - 40	20
75	106 Joints	50 - 75	45
90	79 Joints	90 - 110	60
110	54 Joints	125 & above	90
140	36 Joints		
160	27 Joints		
180	23 Joints		
200	15 Joints		
225	13 Joints		
250	10 Joints		
280	8 Joints		
315	6 Joints		

Features and Benefits

- LOW VOC emission helping to keep the world green.
- High quality dauber/applicator for user friendly & smooth application.
- Exclusively Colored solvent for ease of inspection.
- Higher shelf life ensuring high consistency.
- Color coded packaging for ease of identification.

Applications

- Solvent Cement is used to join two or more pipes or join a pipe to a fitting or a fitting to a fitting.
- A solvent joint has about eight times the strength that it needs. Its quality plays a major role in the strength of the joint formed.

Available Sizes

- UPVC - Available in various packing sizes such as 25 ml, 50 ml, 100 ml, 250 ml, 500 ml, 1 ltr and 5 ltr.
- CPVC - Available in Tins of 59 ml, 118 ml & 250 ml.



Features and Benefits

- Its Non-corrosive, anti-rust, electrolytic, anti-clogging and hence ensures clean and safe water supply.
- Long life
- Easy to install or handle
- Allows smooth water flow that reduces the expenses of electricity.
- Light weight and easy to transport.

Applications

- Ideal for Suction delivery for Monoblocks.
- Domestic, agriculture and gardening water supply.
- Filling sand from river into trucks used in construction.

Available Sizes

- Suction Hose Pipe - Available In 1/2 To 6 Inches.

Technical Specifications

Type		Regular		
ID Inch	Wall Thickness mm	Working Pressure kg/cm ²	Bursting Pressure kg/cm ²	Meters
2	3.0	5.0	14.0	30/50
2.5	3.5	5.0	13.0	30/50
3	3.5	4.5	13.0	30/50
3.5	4.0	4.0	12.0	30
4	5.0	3.5	10.0	30
5	6.5	2.5	8.0	15/18
6	7.0	2.5	8.0	15/18

- Recommended Maximum Working Temperature 55/60°C. Variation in ID/OD

Type		Medium		
ID Inch	Wall Thickness mm	Working Pressure kg/cm ²	Bursting Pressure kg/cm ²	Meters
2	4.5	6.0	15.0	30/50
2.5	4.5	5.5	13.0	30/50
3	5.0	5.0	13.0	30/50
3.5	5.0	5.0	12.0	30
4	6.0	4.5	10.0	30
5	7.0	3.0	9.0	15/18
6	7.5	3.0	9.0	15/18

- Recommended Maximum Working Temperature 55/60°C. Variation in ID/OD

Type		Super		
ID Inch	Wall Thickness mm	Working Pressure kg/cm ²	Bursting Pressure kg/cm ²	Meters
1/2	3.0	16.0	30.0	30/50
3/4	4.0	13.5	24.0	30/50
1	4.5	10.5	23.0	30/50
1.5	5.0	9.0	16.0	30/50
2	5.5	8.0	16.0	30/50
2.5	6.0	7.0	16.0	30/50
3	6.5	6.0	15.0	30/50
3.5	7.0	6.0	14.0	30
4	7.5	4.5	11.0	30
5	8.5	4.0	10.0	15/18
6	9.0	4.0	10.0	15/18

- Recommended Maximum Working Temperature 60/65°C. Variation in ID/OD



Features and Benefits

- Materials Grades (PE 63, PE 80, PE 100)
- Light in weight and long life.
- Excellent flexibility and strength.
- No scales build up.
- Safe for portable water supply.

Applications

- Portable water supply.
- Lift & Gravity Irrigation Systems.
- Sewerage pumping & effluent disposal system.
- Aggressive chemical / acids transportation.
- Gas distribution systems.
- Compressed air lines.
- Marine & underwater pipeline.
- Above & underground cable ducting.
- In industry for chemical conveying pipeline.
- Effluent Conveyance & Waste Disposal Lines.
- Lining of Existing Sewerage lines.
- Chemical Conveyance.
- Dredger Pipes.
- Ash Slurry Conveyance.
- Mining

Available Sizes

- HDPE Pipe : 20 mm to 315 mm from SDR 6, SDR 7.4, SDR 9, SDR 13.6, SDR 17, SDR 21, SDR 26, SDR 33 & SDR 41.

Technical Specifications



WALL THICKNESS & UNIT WEIGHT OF PIPES AS PER IS: 4984 - 2016

All dimensions are in mm

SDR	SDR 41		SDR 33		SDR 26		SDR 21		SDR 17		SDR 13.6		SDR 11		SDR 9		SDR 7.4		SDR 6		
Nominal Pressure, PN in bar																					
PE 63	PN 2		PN 2.5		PN 3.2		PN 4		PN 5		PN 6		PN 8		-		-		-		
PE 80	PN 2.5		PN 3.2		PN 4		PN 5		PN 6		PN 8		PN 10		PN 12.5		PN 15		PN 20		
PE 100	PN 3		PN 4		PN 5		PN 6		PN 8		PN 10		PN 12.5		PN 16		PN 20		-		
Nominal Dia (OD)	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
16																1.8	2.1	2.2	2.5	2.7	3.1
20																2.3	2.6	2.7	3.1	3.4	3.8
25												1.9	2.2	2.3	2.6	2.8	3.2	3.4	3.8	4.2	4.7
32										1.9	2.2	2.4	2.7	2.9	3.3	3.6	4.1	4.4	4.9	5.4	6.0
40								1.9	2.2	2.4	2.7	3.0	3.4	3.7	4.2	4.5	5.1	5.4	6.0	6.7	7.5
50					2.0	2.3	2.4	2.7	3.0	3.4	3.7	4.2	4.6	5.2	5.6	6.3	6.8	7.6	8.4	9.3	
63					2.5	2.9	3.0	3.4	3.7	4.2	4.7	5.3	5.8	6.5	7.0	7.8	8.6	9.6	10.5	11.7	
75	1.9	2.2	2.3	2.6	2.9	3.3	3.6	4.1	4.5	5.1	5.6	6.3	6.9	7.7	8.4	9.3	10.2	11.3	12.5	13.9	
90	2.2	2.5	2.8	3.2	3.5	4.0	4.3	4.8	5.3	5.9	6.7	7.5	8.2	9.1	10.0	11.1	12.2	13.5	15.0	16.6	
110	2.7	3.1	3.4	3.8	4.3	4.8	5.9	6.6	6.5	7.3	8.1	9.0	10.0	11.1	12.3	13.6	14.9	16.5	18.4	20.3	
125	3.1	3.5	3.8	4.3	4.8	5.4	6.0	6.7	7.4	8.2	9.2	10.2	11.4	12.7	13.9	15.4	16.9	18.7	20.9	23.1	
140	3.5	4.0	4.3	4.8	5.4	6.0	6.7	7.5	8.3	9.2	10.3	11.4	12.8	14.2	15.6	17.3	19.0	21.0	23.4	25.8	
160	3.9	4.4	4.9	5.5	6.2	6.9	7.7	8.6	9.5	10.6	11.8	13.1	14.6	16.2	17.8	19.7	21.7	24.0	26.7	29.5	
180	4.4	4.9	5.5	6.2	7.0	7.8	8.6	9.6	10.6	11.8	13.3	14.7	16.4	18.1	20.0	22.1	24.4	26.9	30.0	33.1	
200	4.9	5.5	6.1	6.8	7.7	8.6	9.6	10.7	11.8	13.1	14.7	16.3	18.2	20.1	22.3	24.6	27.1	29.9	33.4	36.8	
225	5.5	6.2	6.9	7.7	8.7	9.7	10.8	12.0	13.3	14.7	16.6	18.4	20.5	22.7	25.0	27.6	30.5	33.7	37.5	41.4	
250	6.1	6.8	7.6	8.5	9.7	10.8	12.0	13.3	14.7	16.3	18.4	20.3	22.8	25.2	27.8	30.7	33.8	37.3	41.7	46.0	
280	6.9	7.7	8.5	9.5	10.8	12.0	13.4	14.8	16.5	18.3	20.6	22.8	25.5	28.2	31.2	34.4	37.9	41.8	46.7	51.5	
315	7.7	8.6	9.6	10.7	12.2	13.5	15.0	16.6	18.6	20.6	23.2	25.6	28.7	31.7	35.0	38.6	42.6	47.0	52.5	57.9	



Features and Benefits

- No effect of UV radiation.
- Light in weight and long life.
- Excellent flexibility and strength.
- No scales build up.
- Safe for portable water supply.

Applications

- Portable water supply.
- Lift & Gravity Irrigation Systems.
- Marine & underwater pipeline.
- Compressed air lines.
- Above & underground cable ducting.
- In industry for chemical conveying pipeline.
- Suitable to use with submersible pump, jet pump, mono block /centrifugal pump.
- Pump suction & delivery pipes.
- Pumping main & distribution lines.
- Drip & sprinkler irrigation systems

Available Sizes

- HDPE Coils : 1 inch to 5 inch in Coil form.



Features and Benefits

- Manufactured from high quality virgin pipe grade material.
- Useful for distribution.
- Useful for jointing purpose.

Applications

- Sewerage
- Effluent conveyance & Waste Disposal Lines
- Lining of Existing Sewerage Lines
- Chemical Conveyance
- Dredger Pipes
- Ash Slurry Conveyance
- Mining

Available Sizes

- Range : 32 mm to 400 mm.



Features and Benefits

- Lead Free & Heavy Metal Free Compound
- Special Compound
- Stud Lock System & Double Locking System
- Annealing on Pipes
- 100% Hygienic / Safe for Drinking Water

Applications

- India's First Impact Sustaining Lock System
- Excellent category for multiple uses



Technical Specifications

Type & Size (OD : Outer Dia) (ND : Nominal Dia)	Breaking Load (kgf)	Safe Pulling Load with Chain Pulley (kgf)	Safe allowable hydrostatic pressure (kg/cm ²)	Safe Total Pump Delivery Head (mtr)	Screen Color
OD : 33 mm (1") DN : 25 mm					
V4-12.5	850	500	12.5	125	ORANGE
V4-15	1000	600	15	150	PURPLE
Crystal	1250	750	21	210	GREEN
Standard	1900	1100	30	300	RED
OD : 42 mm (1 1/4") DN : 32 mm					
V4-12.5	1300	800	12.5	125	ORANGE
V4-15	1550	900	15	150	PURPLE
Crystal	1800	1050	21	210	GREEN
Standard	2550	1500	25	250	RED
Heavy	3100	1800	30	300	BLUE
OD : 48 mm (1 1/2") DN : 40 mm					
V4-15	2000	1200	15	150	PURPLE
Crystal	2500	1500	21	210	GREEN
Standard	2950	1700	26	260	RED
Heavy	4050	2350	35	350	BLUE
OD : 60 mm (2") DN : 50 mm					
Medium	2450	1450	13	130	ORANGE
Crystal	3100	1850	17	170	GREEN
Standard	3600	2100	20	200	RED
Heavy	4700	2800	27	270	BLUE
Super Heavy	5600	3350	35	350	BLACK
OD : 75 mm (2 1/2") DN : 65 mm					
Medium	3100	1800	10	100	ORANGE
Standard	4650	2700	16	160	RED
Standard Plus	5900	3500	21	210	PURPLE
Heavy	7000	4200	26	260	BLUE
OD : 88 mm (3") DN : 80 mm					
Medium	4450	2600	11	110	ORANGE
Standard	6800	4000	17	170	RED
Heavy	9600	5650	26	260	BLUE
OD : 113 mm (4") DN : 100 mm					
Medium	6800	4000	10	100	ORANGE
Standard	10000	5900	15	150	RED
Heavy	16000	9350	26	260	BLUE



KOTHARI[®]

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