50 Years of Experience in Innovation,
Quality & Prompt Service

JJ INDUSTRIES

Manufacturer, Importer & Exporter of
Plastic Processing Machinery and Equipment
248, Sector F, Industrial Area, Sanwer Road, Indore - 452 015 (M.P.), INDIA
Tel : +91-731-4004193, 4004199
E-Mail : info@jjindustriesindia.com | Web : www.jjindustriesindia.com

Business Enquiry : +91-98260-27872, +91-98260-83742, +91-93034-73602

design : profiles 9425064293

JJ INDUSTRIES

www.jjindustriesindia.com

About us

JJ Industries, a prominent company located in Indore, has been producing a diverse range of Plastic Processing Machinery since 1995. Spin-off from Suresh Engineering Works, JJ Industries has successfully deployed over 2100 machines across India and internationally. We prioritize excellence and customer satisfaction, ensuring each machine meets high quality and reliability standards. Our advanced manufacturing facilities use the latest technology to provide customized solutions. Our dedicated after-sales support team is available to assist, ensuring smooth operation of our machinery throughout its lifecycle. We are excited about the future and the opportunities it holds. By collaborating with our valued partners and customers, we strive to lead the plastic processing machinery industry, setting new standards and achieving greater success.

Brand Promise...

We, at JJ Industries, deliver what we commit and our brand constantly reminds us to outperform in the market and we are committed to clients providing them best in class services across the nation. We at JJ Industries work with a motto and take pride in providing utmost satisfaction and happiness through our commitment of in after-saleservices and we ensure that, in case of any machine related issues arise, we resolve it within hours from the time of issue being raised.

OUR VISION

To innovate and prioritize client satisfaction with ethical practices in the Plastic Processing Manufacturers industry.

OUR MISSION

Produce quality products at competitive prices, support environmental technologies, prioritize customer satisfaction, and operate with integrity.

OUR CORE VALUE

INNOVATION
EFFICIENCY
RELIABILITY
HONESTY
LOYALTY

Director's Message

I'm extremely delighted to introduce you to JJ Industries. Our business is shaped by our core values and strategies, wherein we strive to uphold the competence and excellence in our work by giving equal importance to our diverse talent, clients and the business eco-system.

We at, JJ Industries are focused in addressing the needs of our customers through sustainable, efficient, reliable, economic and fully automatic solutions through our wide range of products, which are one of the best technical advancements in the industries.

We are committed to our customer satisfaction by identifying their specific needs, translating them into quality products and providing dependable after-sales-services.

Suresh Sharma
(Managing Director)

India's First Company to Manufacture 100% Indigenously Developed Micro Irrigation Drip Tube Line in the year 2000.

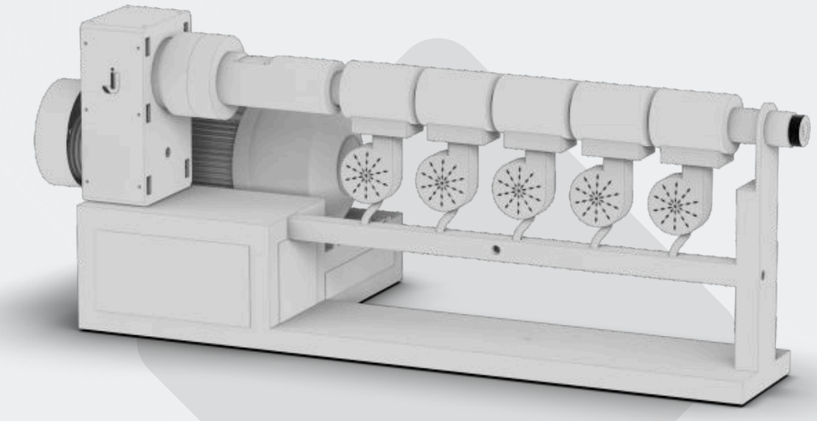
Pioneer in Plastic Extrusion Machineries Since 1972

MAKE IN INDIA

Our founder person
Late Shri Jamnalal Sharma Receiving
Best Technology & Creativity Award
in Plastic & Packaging Machineries
in year 1997.

Receiving Award for
The Visionary of Madhya Pradesh in
Plastic Extrusion Machineries in year 2018.

Suresh Sharma (M.D.) Receiving Award of
Best Industries in Plastic Processing Machine
Manufacturing in year 2022.

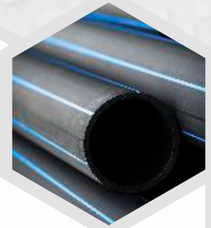


USES OF PLASTIC GRANULES

OUR PRODUCT RANGE

DRIP IRRIGATION PIPE PLANT

- Flat Drip Pipe Line
- Round Drip Pipe Line
- Rain Pipe Line



POLYETHYLENE PIPE PLANT

- HDPE / MDPE / PLB / PPR Pipe Line
- Double Wall Corrugated (DWC) Pipe Line
- LLDPE (Delivery) Pipe Line

PVC PIPE PLANT

- Single Screw PVC Pipe Line
- Twin Screw PVC Pipe Line (U-PVC / C-PVC / O-PVC)
- Fiber Reinforced Soft Pipe Line
- Suction Hose Pipe Line

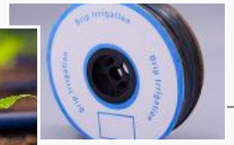
PELLETIZING PLANT

- Single Stage Pelletizing Line
- Two Stage Pelletizing Line
- Single & Two Stage Agglomerated Pelletizing Line
- Squeezing & Pelletizing Line
- PE, PP Film Cleaning Line

AUXILIARY MACHINES

- High Speed Mixer
- Crusher / Grinder
- PVC Compounding Mixer with Cooler
- Single & Double Disk Winder
- Single & Double Shaft Shredder
- Caterpillars / Haul – Off
- PP, HD, Nylon, Derlin Rod Plates and Sheet / PVC Bars

FLAT DRIP PIPE LINE



Drip Irrigation is a type of micro-irrigation system that has the potential to save water and nutrients by allowing water to drip slowly to the roots of plants. The goal is to place water directly into the roots and minimize evaporation. Drip irrigation system distribute water through a network of valves, pipes, tube and emitters.

Application of Use: Drip Irrigation used in farms, commercial greenhouses and residential gardens.

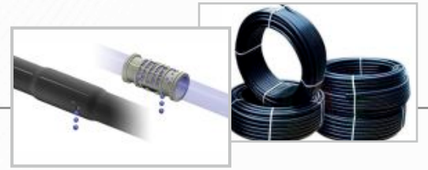
MODEL	JJ/90/FDL	JJ/150/FDL	JJ/200/FDL	JJ/300/FDL
Screw Dia. (MM)	90/28	65/33	75/33	75/33
Main Motor (KW)	18	30	56	110
Wall Thickness (MM)	0.15 to 0.8	0.15 to 1.2	0.15 to 1.2	0.15 to 1.2
Perforator Unit	Servo	Servo	Servo	Servo
Drip Feeder	Servo	Servo	Servo	Servo
Plant Length (MTR)	3.3 x 24	3.3 x 30	3.3 x 38	3.3 x 45
Line Speed (MPM)	90	150	200	300
Production (Kg/hr)	60-80	100-130	200-250	330-400
Connected Load (KW)	50	80	120	160

*Technical modifications reserved

We need the Blue to keep the Green

Quality to trust upon

ROUND DRIP PIPE LINE



Tube is a type of thin-walled dripper line used in drip irrigation. Thicker walled tapes are commonly used for permanent subsurface of drip irrigation and thinner walled tapes are temporary throw-away type systems in high-value crops. The emitters are simultaneously with the tape and are actually formed as part of the product itself.

Application of Use: Greenhouse, Place sawn or planted vegetables (tomatoes, peppers, lettuce, broccoli, onion etc.), Place the planted some crops

(sunflower, corn, potatoes, cotton).

MODEL	JJ/40/CDL	JJ/70/CDL	JJ/100/CDL	JJ/130/CDL
Screw Dia. (MM)	75/28	90/28	75/33	75/33
Main Motor (KW)	18	37	56	75
Wall Thickness (MM)	0.4 to 1.2	0.4 to 1.2	0.4 to 1.2	0.4 to 1.2
Perforator Unit	Mechanical	Servo	Servo	Servo
Drip Feeder	Motorised	Servo	Servo	Servo
Plant Length (MTR)	3.3 x 22	3.3 x 28	3.3 x 38	3.3 x 38
Line Speed (MPM)	40	70	100	130
Production (Kg/hr)	70 - 80	120 - 150	180 - 230	200 - 250
Connected Load (KW)	45	60	100	120

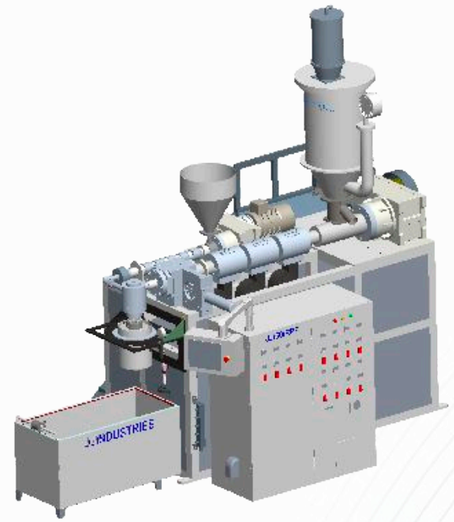
*Technical modifications reserved

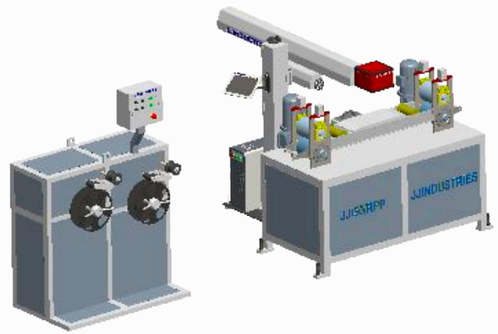
Slow the flow, embrace drip irrigation

RAIN / SPRAY PIPE LINE

Rain pipe is an affordablespray irrigation technology. It is a replacement for sprinkler irrigation system and easy to install and maintain. Rain pipe is flexible with a variouspattern of drip holes. These drip holes are made with laser punching technologyto ensure uniform flow of water. Rain pipe is durable and can withstand manyelements in the environments where they excel.

Application of Use: Spaced crops, onion,vegetable crops, leafy vegetable, groundnut etc.



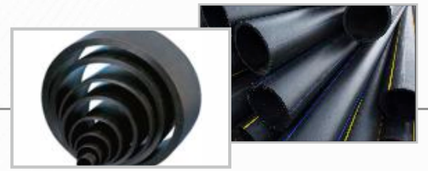


MODEL	JJ/50/HSPM	JJ/65/HSPM
Groove Feed Screw Dia (MM)	50	65
Wall Thickness (MM)	0.2 to 0.5	0.2 to 0.7
Motor (KW)	22	37
Punching System	Co2 Laser	Fiber Laser
Line Speed (MPM)	30	90
Production (Kg/hr)	70 – 90	120 – 150
Connected Load (KW)	40	60

*Technical modifications reserved

Dedicated to serve the best

HDPE/MDPE/PPR PIPE LINE



HDPE/MDPE/PPR Pipe is a type of flexible plastic pipe used for fluid and gas transfer and is often used to replace ageing concrete or steel mains pipelines. The toughness, resistance and low weight have contributed to its growing use in situations where cost-effective and durable fluid and gas piping systems are required.

Application of Use: Flood Irrigation (Suction and delivery pipes), Sprinkler Irrigation (crops, lawns, golf course, gardens), Drip Irrigation (plantations, orchards, nurseries).

Model	Screw Dia (MM)	L/D Ratio	Pipe Size (MM)	Motor (KW)	Output (KG/HR.)	Con. Load (KW)
JJ/65/HSHD	65	33:1	20 - 110	37	120 – 150	70
JJ/75/HSHD	75	33:1	20 - 110	56	200 – 250	85
JJ/75/HSHD	75	33:1	32 - 200	75	275 – 300	130
JJ/90/HSHD	90	33:1	63 - 315	90	300 – 350	170
JJ/90/HSHD	90	33:1	110 - 450	134	600 – 800	225
JJ/45/HSHD	45	40:1	63 - 315	132	450 – 500	230
JJ/75/HSHD	75	40:1	200 - 710	160	600 – 650	320
JJ/90/HSHD	90	40:1	450 - 1000	280	1000 - 1200	450

*Technical modifications reserved

*A/B/A & A/B/C & Multilayer Options Available.

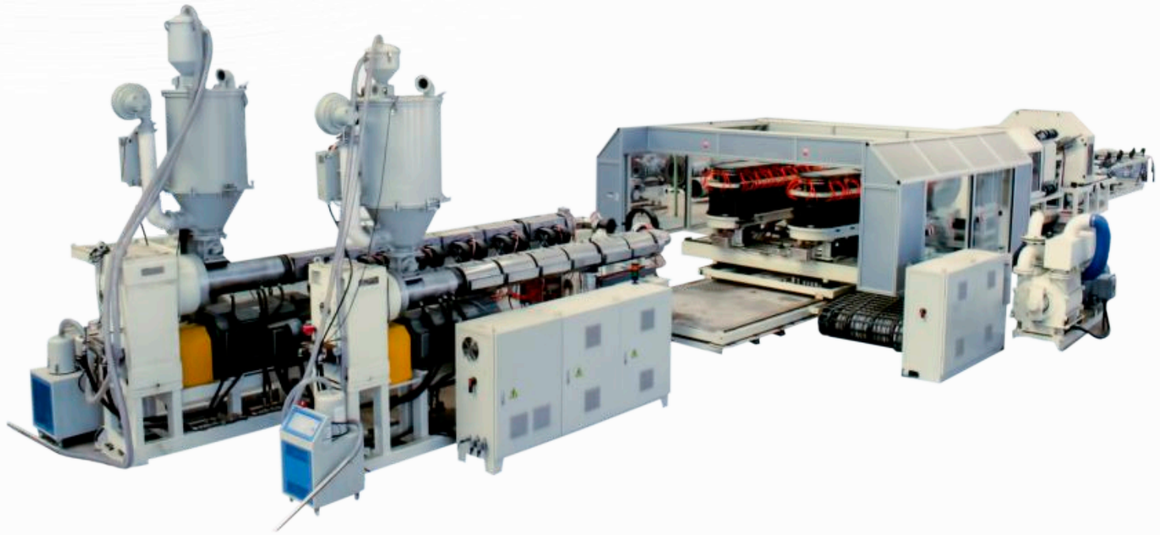
*Twin Die System for Pipe OD 20mm to 110mm and 32mm to 160mm.

*PPR Pipe OD 20mm to 110mm and 32mm to 250mm with Multilayer options available.

DOUBLE WALL CORRUGATED PIPE LINE

Use of DWC Pipe is on the rise. The industries involved in the use of such pipes are now more conscious on how to save bucks with the installation and use of the best products for their various activities. Double Wall Corrugated (DWC) Pipes are similar to normal HDPE pipes except that they have different external and internal surfaces which gives them additional strength and stiffness. These are made with high density polyethylene which has very high life expectancy.

Application of Use: Sewerage / Storm water drainage, earthquake prone areas with high tectonic movements, cable protection, light weight.



Model	Pipe Size (MM)	Output (KG/HR.)	Max Speed (MPM)	Con. Load (KW)
JJ/200/DWC	50 – 200	300	5.0	200
JJ/300/DWC	100 – 300	600	6.5	400
JJ/500/DWC	150 – 500	1000	6.5	580
JJ/1000/DWC	200 – 1000	1900	3.5	610

*Technical modifications reserved

TWIN SCREW PVC PIPE LINE

Parallel and conical counter-rotating twin screw extruder series are suitable for manufacturing smallpipes by twin screw extruder, for multi-layer pipes with a foam core, but also for large diameterpipes. Our twin screw extruders stand out by their high flexibility and energy efficiency. Incombination with our PVC mono-layer and multi-layer pipe and extrusion downstream components, you will find complete extrusion lines for every type of PVC Pipes here.

Application of Use: Water supply, soil and waste, sewage and underground drainage, rainwater, cable protection, fittings, industrial.

Parallel Twin Screw Extruder

Model	Pipe Size (MM)	Motor (KW)	Output (KG/HR.)	Con. Load (KW)
JJ/52-25/TSPL	20 – 110	15	150 – 170	45
JJ/65-18/TSPL	20 – 200	18	200	50
JJ/65-22/TSPL	20 – 250	22	250	65
JJ/72-28/TSPL	50 – 315	37	350	75
JJ/90-25/TSPL	50 – 315	45	450	90
JJ/92-28/TSPL	110-450/20-630	75	700	120

*Technical modifications reserved

Conical Twin Screw Extruder

Model	Pipe Size (MM)	Motor (KW)	Output (KG/HR.)	Con. Load (KW)
JJ/45-100/CSPL	20 – 75	15	80 – 110	32
JJ/51-105/CSPL	20 – 110	18	100 – 120	46
JJ/55-110/CSPL	20 – 110	22	130 – 150	55
JJ/65-132/CSPL	63 – 200	37	200 - 250	90
JJ/80-156/CSPL	63 – 315	55	360 – 400	137
JJ/92-188/CSPL	160 – 630	110	600 – 800	220

*Technical modifications reserved

SINGLE STAGE PELLETIZING LINE

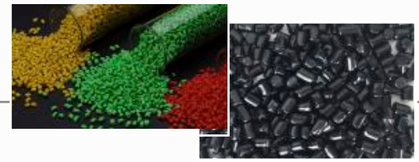
Plastic recycling is the process of recovering scrap or waste plastic and reprocessing the material into useful granules. Since the majority of plastic is non-biodegradable, recycling is a part of global efforts to reduce plastic in the waste stream. The goal of recycling plastic is to reduce high rates of plastic pollution while putting less pressure on virgin materials to produce brand new plastic products. This approach helps to conserve resources and diverts plastics from landfills or unintended destinations such as oceans.

Model	Screw Dia (MM)	Motor (KW)	Screen Changer	Output (KG/HR.)	Con. Load (KW)
JJ/90/SSPL	90	15	Manual	60 – 80	25
JJ/100/SSPL	100	22	Hydraulic	100 – 120	40
JJ/125/SSPL	125	30	Hydraulic	150 – 200	55
JJ/140/SSPL	140	45	Hydraulic	250 – 300	70
JJ/150/SSPL	150	75	Hydraulic	350 – 400	100

*Technical modifications reserved

Reduce... Reuse... Recycle...

TWO STAGE PELLETIZING LINE



The simplest of plastic recycling process involves collecting, sorting, shredding, washing, melting and pelletizing. The actual particular process varies based on plastic resin or type of plastic product. Most plastic recycling facilities use the following two-step process:

(i) Sorting plastics automatically or with a manual sort to make sure all the contaminants are removed from the plastic waste stream.

(ii) Melting down plastic directly into a new shape or shredding into flakes then melting down before being finally processed into granules.

Model	Screw Dia (MM)	Motor (KW)	Screen Changer	Output (KG/HR.)	Con. Load (KW)
JJ/125/TSPL	125X100	45 X 22	Hydraulic	175 – 200	95
JJ/140/TSPL	140X125	60 X 30	Hydraulic	275 – 300	120
JJ/150/TSPL	150X140	75 X 45	Hydraulic	375 – 400	150
JJ/160/TSPL	160X150	110 x 55	Hydraulic	575 – 600	200

*Technical modifications reserved

Rethink the future, recycle

High Speed Mixer

The Single Stage High Speed Mixer, widely used for pre-heating & blending granules and also used for reprocessing materials.

Model	Size (INCH)	Output (KG/HR)	Con. Load (KW)
JJ/20/HSM	20	75	7.5
JJ/22/HSM	22	100	11
JJ/24/HSM	24	150	15
JJ/26/HSM	26	200	22
JJ/28/HSM	28	250	30
JJ/30/HSM	30	300	37
JJ/32/HSM	32	400	45
JJ/40/HSM	40	600	55

*Technical modifications reserved

Heating Cooling Mixer

Heating cooling mixer is a combination of high speed mixer cooler mixer. The mixing done in the high speed mixer and transferred to cooling mixer for quick cooling.

MODEL	BATCH CAPACITY	VESSEL CAPACITY (LTR)	COOLER (KW)	MOTOR (KW)
JJ-150/MCU	40 – 55	150 X 350	5.5	18
JJ-200/MCU	65 – 80	200 X 450	7.5	30
JJ-250/MCU	90 – 100	250 X 650	11	45
JJ-350/MCU	120 – 150	350 X 1100	15	55
JJ-500/MCU	160 – 200	500 X 1250	18	90
JJ-750/MCU	280 – 300	750 X 1550	18	132
JJ-1000/MCU	400 - 430	1000 X 2100	22	180

*Technical modifications reserved

PET/HDPE Bottle Crusher

This plastic PET HDPE PP bottle crusher is used for thin thickness of waste plastic such as the PET bottle, Plastic HDPE PP bottle, buckets, hollow containers, and so on.

MODEL	ROTARY BLADE	FIXED BLADE	OUTPUT (KG/HR)	CON. LOAD (KW)
JJ/250/GD	3	2	40 – 45	7.5
JJ/300/GD	3	2	60 – 65	11
JJ/400/GD	3	2	80 – 90	15
JJ/500/GD	6	2	150 – 160	22
JJ/600/GD	6	4	200 – 250	30

*Technical modifications reserved

Give more then expected

Single / Double Disk Winder

Single Shaft Shredder

Double Shaft Shredder

Three Jaw Haul-off

Belt Haul-off

Rotate Haul-off

DY Model Caterpillars Haul-off

Delighting every customer

Standard Dimension Ratio (SDR) and Corresponding Wall Thickness (e) of Pipes (IS 4984 : 2016)

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) 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 16		PN 20	
PE 100	PN 3		PN 4		PN 5		PN 6		PN 8		PN 10		PN 12.5		PN 16		PN 20		-	
Wall Thickness (mm)																				
Nominal OD (mm)	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	-	-	-	-	-	-	-	-	-	-	-	-	1.9	2.2	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	4.3	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	5.3	6.0	6.5	7.3	8.1	8.0	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
355	8.7	9.7	10.8	12.0	13.7	15.2	16.9	18.7	20.9	23.1	26.1	28.8	32.3	35.6	39.5	43.6	48.0	52.9	59.2	65.2
400	9.8	10.9	12.2	13.5	15.4	17.0	19.1	21.1	23.6	26.1	29.5	32.6	36.4	40.1	44.5	49.1	54.1	59.6	66.7	73.5
450	11.0	12.2	13.7	15.2	17.3	19.1	21.5	23.8	26.5	29.3	33.1	36.5	40.9	45.1	50.0	55.1	60.9	67.1	65.0	82.6
500	12.2	13.5	15.2	16.8	19.3	21.3	23.9	26.4	29.5	32.6	36.8	40.6	45.5	50.2	55.6	61.3	67.6	74.5	83.4	91.8
560	13.7	15.2	17.0	18.8	21.6	23.9	36.7	29.5	33.0	36.4	41.2	45.4	50.9	56.1	62.3	68.6	75.7	83.4	93.4	102.8
630	15.4	17.0	19.1	21.1	24.3	26.8	30.0	33.1	37.1	40.9	46.4	51.5	57.3	63.1	70.0	77.1	85.2	93.8	105.0	115.6

DIMENSIONS OF POLYETHYLENE EMITTING PIPES - (IS 13488 : 2008)

Nominal Diameter	Inside Diameter	Tolerance On LD	Wall Thickness							
			Class - 1		Class - 2		Class - 3		Class - 4	
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
12	10.5	+0.20 -0.00	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.3
16	14.2	+0.20 -0.00	0.5	0.6	0.7	0.9	1.0	1.2	1.3	1.5
20	18.00	+0.20 -0.00	0.7	0.8	0.9	1.1	1.2	1.4	1.5	1.7
25	22.6	+0.20 -0.00	0.9	1.1	1.2	1.4	1.5	1.7	1.8	2.2

Note: The wall thickness of pipes are based on safe working stress of 2.5 Mpa at 20C. Occasional rise in temperature has no deleterious effect on the life and working pressure of the pipe.