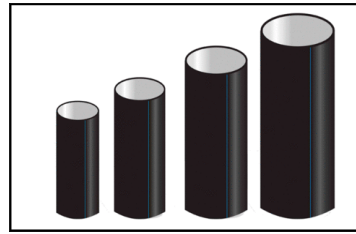




IS : 4984



CM/L-3960978



JK Polymers

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Home of Supreme Quality HDPE Pipes and Fittings



www.jkpipes.in

Our Products:

HDPE Pipe

Submersible Pipe

Coated HDPE Pipe

Sprinkler Pipe

Sprinkler Pipe Fittings

About Us

Established in the year 2003, we, **J K POLYMERS**, are amongst renowned an ISO 9001:2008 certified Manufacturer and Supplier of a wide assortment of HDPE Pipe & Pipe Fittings. Our product range includes HDPE Pipe, Submersible Pipe, Coated HDPE Pipe, sprinkler Pipe, Sprinkler Pipe Fittings etc. Our products are manufactured under the guidance of a skilled team of professionals with high grade factor inputs procured from only reliable and certified vendors of the market, using the latest technology, in compliance with quality standards. These products are comprehensive part of agriculture, bore well, industrial usage, drainage usage and are extensively used in government and semi government projects. Our excellent range of the pipes is highly corrosion resistant and very easy to install. The entire collection is appreciated by a large number of customers due to its superior quality, sturdy construction and longer service life.

Located at Rajkot (Gujarat, India), we have developed a high-tech infrastructure for the streamlined business operations. This unit is well- equipped with modern machinery and technology that assists us in meeting the voluminous and urgent orders of our clients in the predefined time schedule.

Our Infrastructure:

We have a well-established infrastructure sprawling over an area of 2,500 Sq. meters. We own a state-of-the-art infrastructure that is equipped with latest machinery and technology in our organization. Our infrastructure is segregated into different departments such as manufacturing, quality control and dispatch departments for the smooth running. The installed machines and equipment are upgraded in accordance with latest market changes that make us competent to efficiently meet the bulk requirement of our valued clients within assured time frame. We are increasing our production capacity every year at exponential rate due to the high-tech infrastructure facilities.



We manufacture supreme quality HDPE pipes. **JK HDPE Pipes** are strong, durable and cost effective solution for potable water supply, Irrigation, Bore well applications. These pipes are manufactured using high-grade polyethylene in compliance with prevailing quality standards. HDPE pipes have a long and successful service experience to the gas oil, mining and water utility industries. HDPE pipes have the lowest repair frequency per Kilometer of pipe per year compared with all other pipe materials used for urban water and gas distribution. These products are available in different technical and physical specifications in order to meet the variegated needs of the clients. We also provide customized solution as per the precise requirements of clients.

High quality HDPE Pipes are manufactured as per Specification No. **IS: 4984** and **IS: 14333** of the Bureau of Indian Standards.

Material Used

Pipes are manufactured from High Density Poly Ethylene Polymers. The different material grades that have been used are PE 63, PE 80 and

Features & Benefits:

Flexibility and Perfect Weld Ability

JK HDPE pipes are flexible (especially smaller diameter pipes which can be coiled) and light weight compare to alternative pipes made from other materials. Hdpe pipes have a feature of weldability as well.

Tough and Strong

JK HDPE Pipe have superior physical characteristics such as stiffness, hardness and toughness.

Good Chemical Resistance

JK HDPE Pipes do not react with any chemical and soil therefore no subject to wear and deterioration.

Other Features

- Low Co-Efficient of Friction
- Good Weathering Resistance
- Abrasion and Wear
- Low Specific Weight



HDPE Pipes are widely used in many different applications. Some of them are listed as under.

Water Supply Systems

- In water supply distribution systems.
- As a replacement of G.I. Pipes in Bore Well by submersible pump
- For suction and delivery lines of jet pumps & centrifugal pumps.

Hydro Transport Systems

- For transporting slurries of Iron Ore, Fly Ash etc.
- For Diffusers, Outfalls and Dredging Applications.

Industrial Applications

- For disposal of corrosive effluents chemicals.
- For disposal of treated / untreated wastes.
- For conveying edible oils, fruit pulps, milk & other food products.
- As ducts for Air Conditioning and Ventilation.
- Acids and Alkalis can be transported through these pipes.

Environmental Protection

- For industrial water treatment plants.
- For drainage of Sewerage.
- For disposal of sand slurry in dredging operations.



We have carved a niche amongst the most trusted names in this business, engaged in offering a comprehensive range of HDPE Submersible Pipe available in different sizes and colors, these pipes are manufactured in compliance with international quality standards using high quality HDPE material.

Features:

- Non-corrosive
- Chemical resistant
- Low maintenance required

Applications:

- In water supply distribution systems.
- Bore Well application with submersible pumps.
- For suction and delivery lines of jet pumps & centrifugal pumps.
- Diffusers, Outfalls and Dredging Applications.
- For drainage of Sewerage.
- For conveying oils, fruit pulps, milk and other food products.

We are noted as the leading manufacturer and supplier of a wide gamut of **Coated HDPE Pipe**. These pipes are used in telecom industry. Offered range is precisely manufactured using premium quality raw material and sophisticated technology. In addition to this, clients can avail the offered pipes from us at the most cost-effective price range.

Features:

- Flexibility
- Light weight
- Durability

Other Details:

- Long life and cost effective
- Long length coils upto 1000 meters
- Less number of joints makes it easy for cable insertion
- Low weight aids in ease and speed of installation
- Flexible and coilable
- The internal permanent lubrication with silicone coating ensures permanent lubrication & low co-efficient of friction



We are the prominent organization of this domain engaged in offering a wide spectrum of **Sprinkler Pipes**. These pipes are largely used in controlling water and liquid flowing process in the irrigating land. The vigorous structure and fine finish offer quite impressive option for installing in domestic and commercial arenas. Also, the pipes are manufactured using high quality materials that assist it present a robust and long service.

Features

- Smooth Internal Surface
- Tough and Strong
- Flexibility
- Light weight
- Quick and Easy jointing
- Wear and Abrasion Resistance
- No special maintenance required
- No effects of Ultra Violet Rays
- Hygienic and nontoxic
- Strong in anti-corrosion
- Long working life

Applications

- Field crop irrigation
- Golf courses, play grounds and stadiums
- Aquaculture and landscaping
- Dust suppression



Leveraging on the skills of our professionals, we are involved in offering best quality of Sprinkler Fittings. The provided fittings are flawless and highly demanded due to their excellent and tight fittings in various sprinkler systems. These Sprinkler Fittings are extensively used for conveyance of water in drip/sprinkler irrigation systems, lift irrigation systems, surface irrigation systems and in many other suitable applications

Features:

- Nominal prices
- Precisely designs
- Accurate dimension
- Wear and Abrasion Resistance
- No special maintenance required
- No effects of Ultra Violet Rays
- Hygienic and nontoxic
- Strong in anti-corrosion
- Long working life

9 HDPE PIPE SPECIFICATION AS PER IS 4984:2016

PIPE SERIES	SDR 41	SDR 33	SDR 26	SDR 21	SDR 17	SDR 13.6	SDR 11	SDR 9	SDR 7.4	SDR 6	
MATERIAL GRADE PE-63											
SIZE (INCH)	OD (mm)	PN 2	PN 2.5	PN 3.2	PN 4	PN 5	PN 6	PN 8			
		THICKNESS	THICKNESS	THICKNESS	THICKNESS	THICKNESS	THICKNESS	THICKNESS	THICKNESS		
		AVG. WT	AVG. WT	AVG. WT	AVG. WT	AVG. WT	AVG. WT	AVG. WT	AVG. WT		
1	32					1.9-2.2	2.4-2.7	2.9-3.3			
						0.190	0.230	0.280			
1I	40				1.9-2.2	2.4-2.7	3.0-3.4	3.7-4.2			
					0.245	0.300	0.360	0.430			
1II	50			2.0-2.3	2.4-2.7	3.0-3.4	3.7-4.2	4.6-5.2			
				0.310	0.370	0.450	0.550	0.670			
2	63			2.5-2.9	3.0-3.4	3.7-4.2	4.7-5.3	5.8-6.5			
				0.490	0.580	0.720	0.875	1.055			
2II	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			
		0.475	0.555	0.670	0.825	1.020	1.240	1.480			
3	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			
		0.625	0.795	0.980	1.186	1.450	1.780	2.135			
4	110	2.7-3.1	3.4-3.8	4.3-4.8	5.9-6.6	6.6-7.3	8.1-9.0	10.0-11.1			
		0.935	1.170	1.435	1.835	2.175	2.632	3.170			

Note : All Dimensions are in mm ; Pressure Rating in : Kg/cm²

10 HDPE PIPE SPECIFICATION AS PER IS 4984:2016

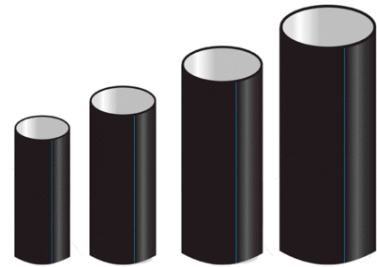
PIPE SERIES		SDR 41	SDR 33	SDR 26	SDR 21	SDR 17	SDR 13.6	SDR 11	SDR 9	SDR 7.4	SDR 6
MATERIAL GRADE PE-80											
SIZE (INCH)	OD (mm)	PN 2.5	PN 3.2	PN 4	PN 5	PN 6	PN 8	PN 10	PN 12.5	PN 16	PN 20
		<u>THICKNESS</u>	<u>THICKNESS</u>	<u>THICKNESS</u>	<u>THICKNESS</u>	<u>THICKNESS</u>	<u>THICKNESS</u>	<u>THICKNESS</u>	<u>THICKNESS</u>	<u>THICKNESS</u>	<u>THICKNESS</u>
		AVG.WT	AVG.WT	AVG.WT	AVG.WT	AVG.WT	AVG.WT	AVG.WT	AVG.WT	AVG.WT	AVG.WT
1	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
						0.190	0.230	0.280	0.330	0.388	0.455
1I	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
					0.245	0.300	0.360	0.430	0.510	0.600	0.700
1II	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
				0.310	0.370	0.450	0.550	0.670	0.790	0.94	1.100
2	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
				0.490	0.580	0.720	0.875	1.055	1.260	1.480	1.740
2II	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
		0.475	0.555	0.670	0.825	1.020	1.240	1.480	1.775	2.110	2.465
3	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
		0.625	0.795	0.980	1.186	1.450	1.780	2.135	2.560	3.000	3.550
4	110	2.7-3.1	3.4-3.8	4.3-4.8	5.9-6.6	6.6-7.3	8.1-9.0	10.0-11.1	12.3-13.6	14.9-16.5	18.4-20.3
		0.935	1.170	1.435	1.835	2.175	2.632	3.170	3.800	4.500	5.290

Note : All Dimensions are in mm ; Pressure Rating in : Kg/cm²

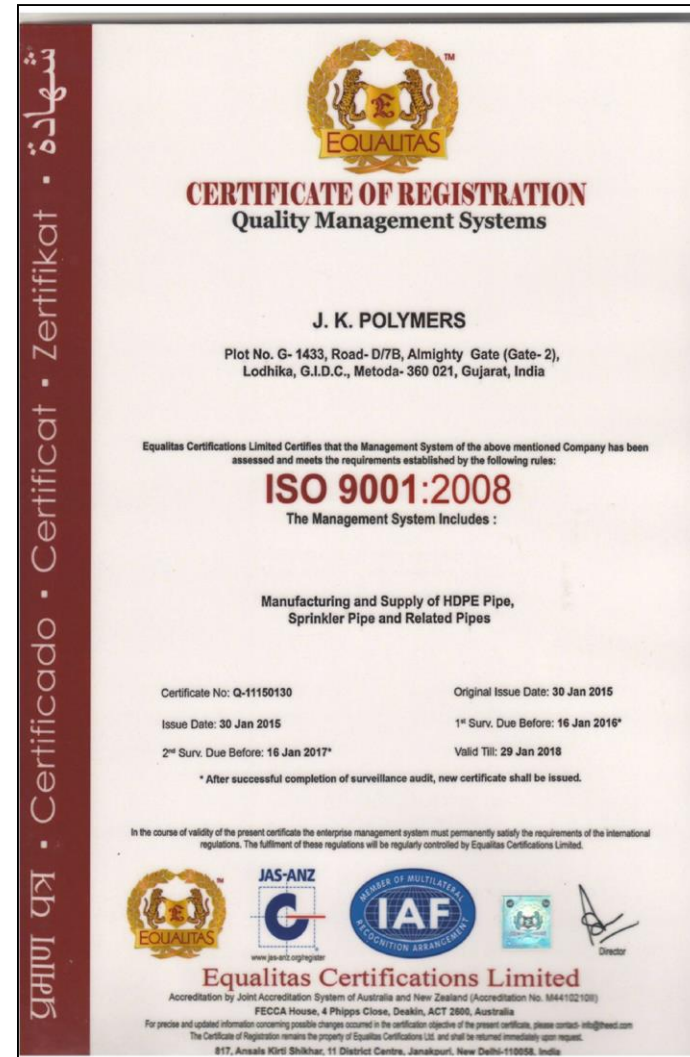
11 HDPE PIPE SPECIFICATION AS PER IS 4984:2016

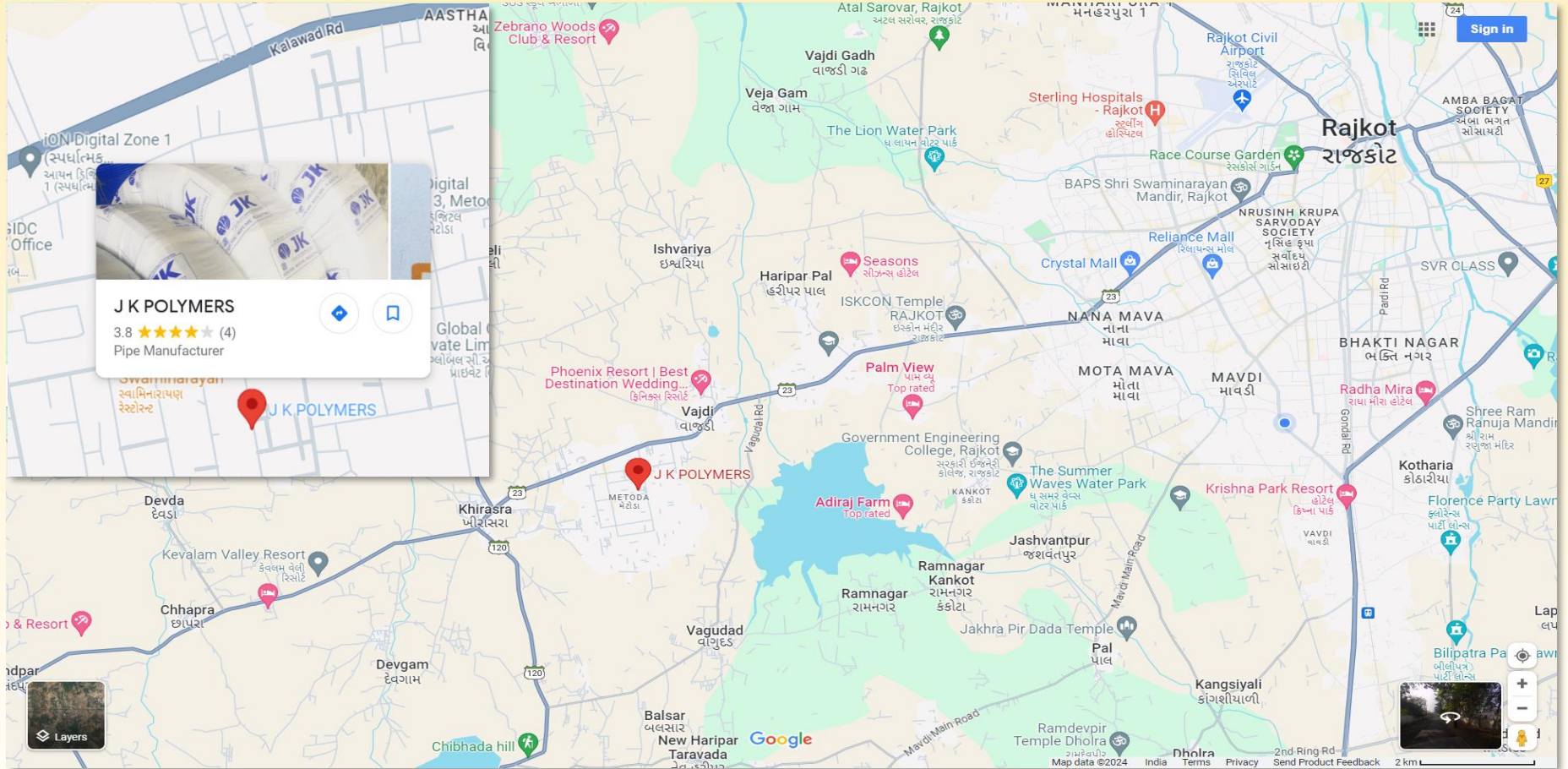
PIPE SERIES		SDR 41	SDR 33	SDR 26	SDR 21	SDR 17	SDR 13.6	SDR 11	SDR 9	SDR 7.4	SDR 6
MATERIAL GRADE PE-100											
SIZE (INCH)	OD (mm)	PN 3.2	PN 4	PN 5	PN 6	PN 8	PN 10	PN 12.5	PN 16	PN 20	
		<u>THICKNESS</u>	<u>THICKNESS</u>	<u>THICKNESS</u>	<u>THICKNESS</u>	<u>THICKNESS</u>	<u>THICKNESS</u>	<u>THICKNESS</u>	<u>THICKNESS</u>	<u>THICKNESS</u>	<u>THICKNESS</u>
		AVG.WT	AVG.WT	AVG.WT	AVG.WT	AVG.WT	AVG.WT	AVG.WT	AVG.WT	AVG.WT	AVG.WT
1	32					1.9-2.2	2.4-2.7	2.9-3.3	3.6-4.1	4.4-4.9	
						0.190	0.230	0.280	0.330	0.388	
1I	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	
					0.245	0.300	0.360	0.430	0.510	0.600	
1II	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	
				0.310	0.370	0.450	0.550	0.670	0.790	0.94	
2	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	
				0.490	0.580	0.720	0.875	1.055	1.260	1.480	
2II	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	
		0.475	0.555	0.670	0.825	1.020	1.240	1.480	1.775	2.110	
3	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	
		0.625	0.795	0.980	1.186	1.450	1.780	2.135	2.560	3.000	
4	110	2.7-3.1	3.4-3.8	4.3-4.8	5.3-6	6.6-7.3	8.1-9.0	10.0-11.1	12.3-13.6	14.9-16.5	
		0.935	1.170	1.435	1.659-1.866	2.175	2.632	3.170	3.800	4.500	

Note : All Dimensions are in mm ; Pressure Rating in : Kg/cm²



ISO 9001:2008





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