



## **Product Description**

Our HDPE pipes offer exceptional durability, flexibility, and chemical resistance, making them ideal for water, gas, and industrial fluid transport with a long lifespan and low maintenance.

## Why Choose JK Polyextrusion HDPE Pipes?

JK Polyextrusion HDPE pipes deliver high performance across industrial, municipal, and agricultural applications.



## Certified with ISO 9001:2015







#### We ensure:

- High Strength & Flexibility: Able to withstand high
  pressures, impacts, and environmental stress without
  cracking or breaking.
- Leak-Proof Fusion Joints: Our HDPE pipes use butt fusion or electrofusion welding techniques to create seamless, leak-proof joints.
- UV & Chemical Resistance: Perfect for aboveground and underground applications where UV exposure or chemical resistance is required.
- Long Life & Low Maintenance: Designed to last over 50 years, with minimal maintenance required.



## **Product Properties**

Material	High-Density Polyethylene (HDPE)
Pressure Ratings	Up to 25 bar
Temperature Range	-40°C to 60°C
Density	0.94 g/cm³
Tensile Strength	≥ 25 MPa
Standards Compliance	Conforms to IS 4984:2016

(15 4964-2016) Revised weight dust and Elective Item 25 (0.2023)																																
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43	140		Π			Н		258	240	LARC	3.88	3.40	1.58	1.80	4.30	172	470	538	ti?v	5.80	6.50	1254	7.00	7.80	130	1.62	1:2	109	185	11.7	1707	
75	150	200	130	6472	230	170	0.546	240	1.30	8672	3.68	4.10	10	434	5.10	186	1.02	438	1298	6.90	7.30	140	8.40	140	1794	182	11.4	20%	115	119	2462	
10	8.60	228	160	6404	280	12	4787	338	6.00	885	638	4.90	1.18	530	6.00	147	1.71	138	1774	8.20	9.20	110	1810	111	2527	112	138	2998	154	34.6	3334	
110	1.70	270	130	8106	340	190	1179	438	630	141	5.30	6.80	1.78	630	7.30	2144	13	138	2/28	18.0	111	130	123	117	380	343	165	4.61	28.4	214	5300	
125	680	318	140	1228	380	438	1476	4.90	5,50	1877	630	670	1271	240	8.30	2772	13	103	1387	11.4	127	438	12.9	154	484	34.9	187	\$750	21.9	23.1	6833	
140	610	151	48	154	430	4.92	1877	548	6.10	2308	670	7.30	184	131	1.10	140	30	115	4212	12.0	142	5348	154	53	6127	214	21.0	728	214	25.9	8514	
160	100	438	450	196	450	550	2426	639	7.00	161	7.70	640	1790	150	384	4542	113	181	5.537	384	362	4722	574	317	190	217	340	148	317	295	11175	
180	130	4.40	5.00	240	5.50	425	3179	7.88	7/80	1945	8.60	160	4.686	184	2.1	5447	113	14.8	1127	16.4	982	640	28.0	221	10.065	34.4	27.9	11/64	313	111	14:120	
290	128	4.98	150	3452	639	4,98	3790	178	8.60	011	940	38.70	5.8%	11.8	13.1	7306	ы	364	8367	18.2	313	30#2	22.1	307	12581	<b>P</b> 1	30.0	34.755	114	34.9	1749	

### Product Applications



industrial, and residential



Drainage & Sewage Systems: • Used for wastewater and stormwater



Industrial Fluids: • Suitable for conveying chemicals, slurries, and waste.



Gas Distribution: • Safe and reliable for natural gas transportation.



# **Get in Touch**

We're here to help you with all your plastic extrusion needs. Contact us via phone, email, or visit our facility to discuss your project in detail.

Ready to take the next step? Visit our office, or give us a call to discuss how we can assist with your project.

