



CHAIKA POLYMERS PVT. LTD.

AN ISO 9001:2015 Certified Company
Manufacturer of PE (HDPE/MDPE) Pipes
AS PER IS 4984:2016 and ISO 4427-2:2007



WE ARE ALSO MANUFACTURES OF U-PVC PIPES

Regd. Office: 133/C3, Vidyalaya Marg, Ashok Nagar, Road No.4 Ranchi-834002

Contact No.: 9234613247/ 9431706651/ 9430319188/ 9031004027.

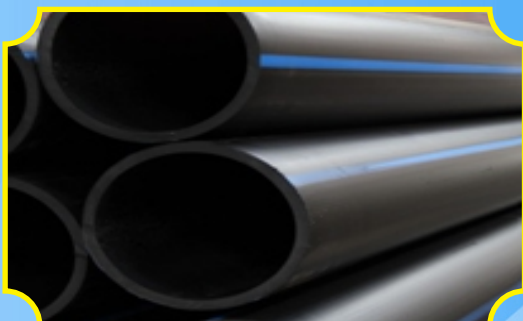
Factory: Plot No. 45 & 46, Tupudana Industrial Area, Tupudana, Ranchi-834003

Contact No.: 9234603380

HDPE / MDPE PIPES

FEATURES:-	APPLICATION:-
<ul style="list-style-type: none"> ❖ Excellent abrasion resistance ❖ Excellent tensile strength ❖ Non toxic and odourless ❖ Excellent flexibility ❖ Long life period ❖ Light weight 	<ul style="list-style-type: none"> ❖ Drinking Water ❖ Sanitation ❖ Agriculture ❖ Water Harvesting ❖ Drip Irrigation ❖ Sewerage/ Gases ❖ Other purpose like Conduits, Long water Supply Line etc.

HDPE PIPE (In Length)



MDPE PIPE (In Coil)



HDPE PIPE (In Coil)



U PVC PIPE



Standard Dimension Ratio (SDR) and Corresponding Wall Thicknesses (e) of PE Pipes

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	PN 12.5	PN 16	PN 20								
PE 80	PN 2.5	PN 3.2	PN 4	PN 5	PN 8	PN 8	PN 10	PN 12.5	PN 16	PN 20								
PE 100	PM 3	PN 4	PN 5	PN 6	PN 8	PN 10	PN 12.5											
Wall Thicknesses																		
Nominal OD dn mm	emin mm	emix mm	emin mm	emix mm	emin mm	emix mm	emin mm	emix mm	emin mm	emix mm								
16								1.8	2.1	2.2	2.5	2.7	3.1					
20							1.9	2.2	2.3	2.7	3.1	3.4	3.8					
25						1.9	2.2	2.6	2.8	3.2	3.4	3.8	4.2	4.7				
32					1.9	2.2	2.7	3.3	3.6	4.1	4.4	4.9	5.4	6.0				
40				1.9	2.2	2.7	3.0	3.7	4.5	5.1	5.4	6.0	6.7	7.5				
50			2.0	2.3	2.7	3.0	3.7	4.2	5.6	6.3	6.8	7.6	8.4	9.3				
63			2.5	2.9	3.4	3.7	4.7	5.3	7.0	7.8	8.6	9.6	10.5	11.7				
75	1.9	2.2	2.9	3.3	3.6	4.1	4.5	5.1	6.3	6.9	7.7	8.4	9.3	10.2	11.3	12.5	13.9	
90	2.2	2.5	3.5	4.0	4.3	4.8	5.3	5.9	7.5	8.2	9.1	10.0	11.1	12.2	13.5	15.0	16.6	
110	2.7	3.1	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	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	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	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	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	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