



Registration No. 043-A



Vikas®



HDPE PIPES & COILS

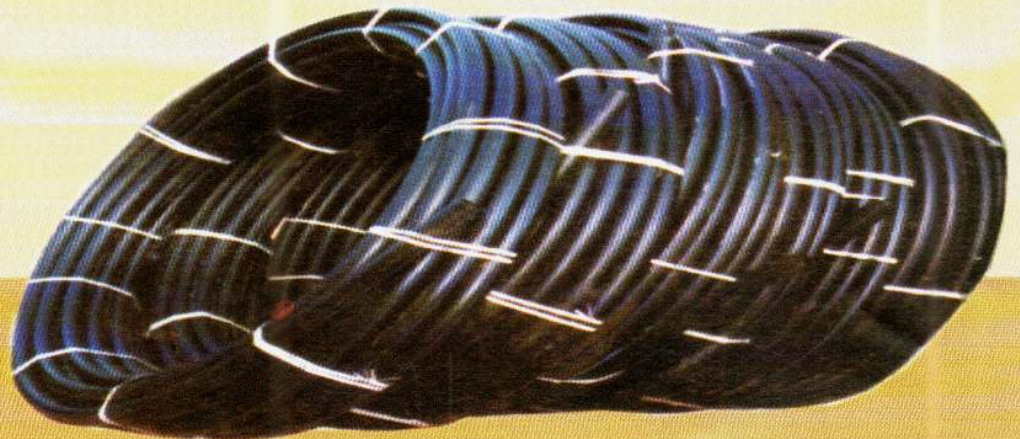
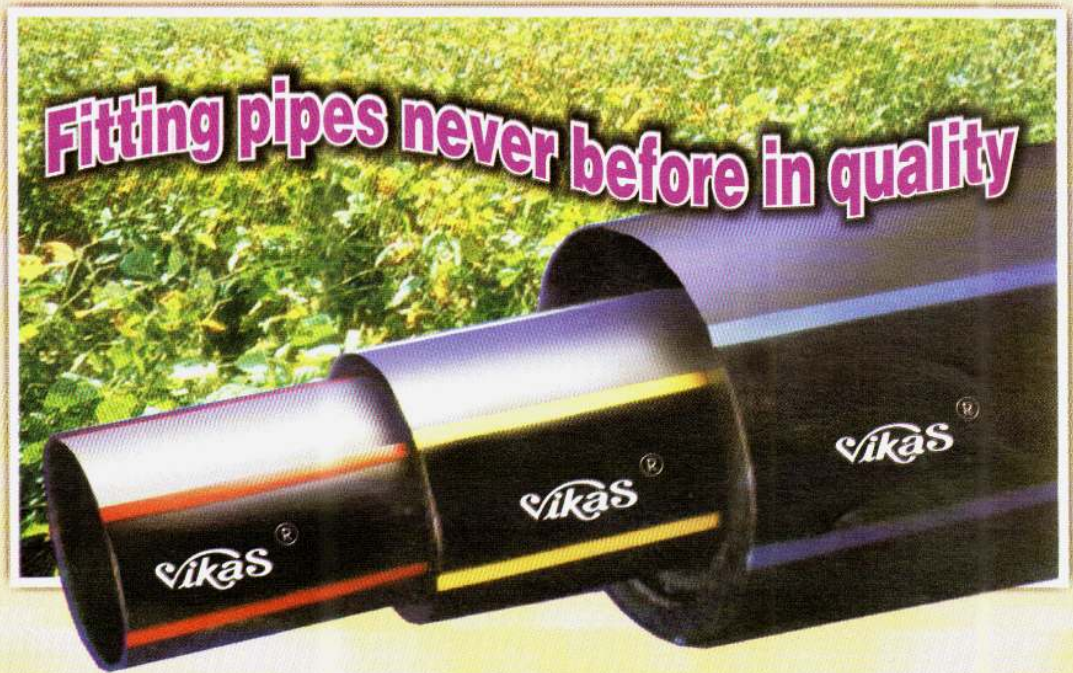
THE MOST TRUSTED NAME IN PIPES

IS:4984



CML - 8501264

HDPE PIPES & FITTINGS





HDPE PIPES & COILS

THE MOST TRUSTED NAME IN PIPES



APPLICATIONS :

EFFLUENTS AND WASTE WATER DISPOSAL :

Effluents of varied chemical compositions can be effectively disposed of using Vikas pipes, with the aid of the latest know-how on piping engineering, pipelines for waste collection and disposal in chemical industry. Longevity of Vikas pipes under such application would rate the best amongst the conventional pipe even under critical service conditions.

DOMESTIC GAS DISTRIBUTIONS :

Earlier, with introduction of HDPE pipes, engineers always carried a psychological fear to use HDPE pipes or rather plastic pipes for conveyance of in flammable gases. However, Experiments and extensive trials proved these fears totally unfounded and established excellence of performance of HDPE pipes for conveyance of all combustible gases. Experiments have also proved that the permeability losses are insignificant in regard to safety and environmental impact.



SUBMARINE PIPELINES : One of the most important applications where all salient features of Vikas pipes prominently figure out is for underwater pipelines. Vikas pipes have been successfully laid for underwater river crossing creek crossing, marine outfalls and for brine intake lines in the open sea. Hazardous chemical effluents and radioactive wastes are being harmlessly disposed into deep sea through Vikas pipes with substantial cost savings. Schemes which would have been dropped due to economical unviability have been made feasible with Vikas pipes.

PROPERTIES :

- Economical than traditional pipe material.
- Resistance to chemicals-exceptional resistance to all external and internal corrodants.
- Resistance to electrolytic corrosion.
- Will not rust or rot.
- Welded joints speed installation. Trench widths can be reduced which leads to saving in the cost of excavation and back filling.
- Light weight - One sixth of the weight of steel. Low specific gravity giving an outstanding light weight product for easy transportation, handling, fitting etc.
- Very good thermal insulation due to low thermal conductivity.
- Smooth bore provides less head loss. Flow resistance is approximately 30% less than that of conventional pipes, permitting the use of a smaller bore pipe for a given rate of flow.
- Perfect stability of material obviates the risk of ageing.
- Total neutrality to products conveyed.
- Flame resistance classifying the material as self-extinguishing, according to test standard employed.
- Low maintenance cost.
- Easy to install.
- Longer life than G.I., M.S. Cement & Other pipes.

PE-HD-PIPES WALL THICKNESS CHART WALL THICKNESS OF HDPE PIPE AS PER IS : 4984/1995 All dimensions in millimetres									
NOMINAL Diameter	Wall thickness of Pipes for Pressure Ratings of Grade PD-63								
	PN 2.5 2.5 Kg/Cm ²		PN 4 4 Kg/Cm ²		PN 6 6 Kg/Cm ²		PN 10 10 Kg/Cm ²		
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
DN	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
20	-	-	-	-	-	-	-	2.3	2.8
25	-	-	-	-	-	2.0	2.4	2.8	3.3
32	-	-	-	-	-	2.3	2.7	3.6	4.2
40	-	-	2.0	2.4	2.8	3.3	4.5	5.1	
50	-	-	2.4	2.9	3.5	4.1	5.6	6.4	
63	2.0	2.4	3	3.5	4.4	5.1	7.0	7.9	
75	2.3	2.7	3.6	4.2	5.3	6.0	8.4	9.4	
90	2.8	3.2	4.3	5.0	6.3	7.2	10.0	11.0	
110	3.4	3.9	5.3	6.0	7.7	8.7	12.3	13.7	
125	3.8	4.4	6.0	6.8	8.8	9.8	13.9	15.5	
140	4.3	4.9	6.7	7.6	9.8	11.0	15.6	17.4	
160	4.9	5.6	7.7	8.6	11.2	12.5	17.8	19.8	
180	5.5	6.2	8.6	9.7	12.6	14.1	20.0	22.2	
200	6.1	6.9	9.6	10.7	14	15.6	22.3	24.7	
225	6.9	7.7	10.8	12.0	15.7	17.5	25.0	27.7	
250	7.6	8.6	11.9	13.3	17.5	19.4	27.8	30.8	
280	8.5	9.6	13.4	14.9	19.6	21.7	31.2	34.5	
315	9.6	10.7	15.0	16.7	22.0	24.4	35.0	38.7	
355	10.8	12.1	16.9	18.8	24.8	27.5	39.5	43.6	
400	12.2	14.2	19.1	22.1	28.0	32.3	44.5	51.4	
450	13.7	15.9	21.5	25.0	31.4	36.3	50.0	57.7	
500	15.2	17.7	23.9	27.6	34.5	40.4	55.6	64.1	
560	17.0	19.8	26.7	30.9	39.1	45.2	-	-	
630	19.1	22.2	30.0	34.7	44.0	50.8	-	-	



Tijaria Polypipes Ltd.

(Formerly Tijaria Overseas Vinyl)

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Branch : Indore, Kota & Mumbai.

Dealer :