

Subject: HDPE pipes – OD Vs ID.

Keywords: HDPE pipes.

1. There is confusion about diameter of HDPE pipes. Accordingly, this internal memo is being issued for clarification along with SKU units.
2. Cancel SKU units.
3. Pipes to be used for borewells:

Sl. No.	OD - mm	ID- mm	pressure in Kgs/sqcm	SKU
1.	20	17.5	16	5792 - HDPE pipe OD20ID17.5PN16 - Mts
2.	25	22.5	16	6585 - HDPE pipe OD25ID22.5PN16 - Mts
3.	32	28.1	16	4111 - HDPE pipe OD32ID28.1PN16 - Mts
4.	40	35.7	16	2781 - HDPE pipe OD40ID35.7PN16 - Mts
5.	50	44.6	16	5349 - HDPE pipe OD50ID44.6PN16 - Mts
6.	63	52.6	16	5950 - HDPE pipe OD63ID52.6PN16 - Mts
7.	75	66.1	16	8302 - HDPE pipe OD75ID66.1PN16 - Mts
8.	90	80	16	2683 - HDPE pipe OD90ID80PN16 - Mts
9.	110	97.1	16	5634 - HDPE pipe OD110ID97.1PN16 - Mts

4. Pipes to be used for delivery lines:

Sl. No.	OD - mm	ID- mm	pressure in Kgs/sqcm	SKU
1.	20	17.5	16	5792 - HDPE pipe OD20ID17.5PN16 - Mts
2.	25	22.5	12.5	8317 - HDPE pipe OD25ID22.5PN12.5 - Mts
3.	32	28.8	12.5	2455 - HDPE pipe OD32ID28.8PN12.5 - Mts
4.	40	38.5	6	4695 - HDPE pipe OD40ID38.5PN6 - Mts
5.	50	47.4	6	5065 - HDPE pipe OD50ID47.4PN6 - Mts
6.	63	59.8	6	5543 - HDPE pipe OD63ID59.8PN6 - Mts
7.	75	71.1	6	2246 - HDPE pipe OD75ID71.1PN6 - Mts
8.	90	85.5	6	1636 - HDPE pipe OD90ID85.5PN6 - Mts
9.	110	104.4	6	7157 - HDPE pipe OD110ID104.4PN6 - Mts

5. For borewells the inner dia of pipe should be greater than equal to delivery size of the pump.
6. For water supply from borewell to sumps, sumps to overhead tanks, the inner dia of pipe must be equal or just less than the delivery size of the pump.
7. For water supply line use for curing and other purposes along the compound wall use OD 40, ID 38.5, PN 6. Only if required OD 50, ID 47.4, PN 6 may be used.
8. HDPE pipes are best for use in borewell, underground and in ducts. Do not use where the pipe is exposed to sunlight. Use PVC or CPVC pipes when pipes are exposed to sunlight.

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