

## ROTATIONAL MOUNDED POLYETHYLENE WATER STORAGE TANKS

IS Code No : IS: 12701 - 1996

Layers : Single Layer and Double Layer

Types : Cylindrical vertical Tank & Rectangular loft Tank

a) Cylindrical vertical Tank

Net Capacity (Min): 200,300,400,500,700,1000,1500,1700,2000,2500,3000,4000 & 5000  
ltrs

b) Rectangular loft Tank

Net Capacity (Min): 150,200,300,400 and 500 ltrs

### 1.DIMENSION OF CYLINDRICAL VERTICAL TANK

SI NO. (1)	Minimum Net Capacity up to Effective Height (mm) (2)	Overall Diameter Range (mm) (3)	Overall Weight Range (mm) (4)	Minimum Internal Dia of Man-Hole/ Hand whole (mm) (5)	Minimum Wall and bottom Thickness (mm) (6)	Minimum Weight of tank (Without Lid) (Kg) (7)
i)	200	650.850	490.690	265	3.0	7.8
ii)	300	650.850	700.900	265	3.0	9.0
iii)	400	700.980	700.950	265	3.5	15.0
iv)	500	800.1140	625.1025	370	4.0	18.0
v)	700	900.1140	800.1100	370	4.4	23.0
vi)	1000	1000.1200	1050.1590	370	4.5	33.0
vii)	1500	1080.1450	1150.1590	370	4.5	47.0
viii)	1700	1300.1500	1260.1650	370	4.5	54.0
ix)	2000	1365.1500	1400.1700	450	5.4	64.0
x)	2500	1380.1610	1400.1810	450	7.7	81.0
xi)	3000	1410.1800	1640.2150	450	8.1	96.0
xii)	4000	1450.1920	1750.2400	450	10.4	147.0
xiii)	5000	1800.2110	1800.2100	450	10.7	180.0

All dimensions are inn mm

### 2.DIMENSIONS OF RECTANGULAR LOFT TANKS

<b>Sl.NO</b>	<b>Minimum Net Capacity</b>	<b>Overall Length</b>	<b>Overall width</b>	<b>Overall Height</b>	<b>Minimum Internal Dia of Hand Hole</b>	<b>Minimum Wall thickness (Measured on) Rectangular Vertical Port</b>	<b>Minimum Weight Weight of Tank (Without Lid)</b>
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>	<b>(6)</b>	<b>(7)</b>	<b>(8)</b>
<b>i)</b>	<b>150</b>	<b>620.820</b>	<b>620.820</b>	<b>285.485</b>	<b>300</b>	<b>2.75</b>	<b>6.6</b>
<b>ii)</b>	<b>200</b>	<b>930.1130</b>	<b>620.820</b>	<b>285.485</b>	<b>300</b>	<b>2.75</b>	<b>7.7</b>
<b>iii)</b>	<b>300</b>	<b>995.1200</b>	<b>620.820</b>	<b>285.485</b>	<b>300</b>	<b>2.75</b>	<b>11.0</b>
<b>iv)</b>	<b>400</b>	<b>1150.1350</b>	<b>855.1150</b>	<b>335.535</b>	<b>300</b>	<b>2.75</b>	<b>11.0</b>
<b>v)</b>	<b>500</b>	<b>1150.1500</b>	<b>900.1250</b>	<b>335.535</b>	<b>300</b>	<b>2.75</b>	<b>17.5</b>

All dimensions are inn mm