

DR	MAXIMUM HEIGHT OF FILL	
	Embankment Condition	Trench Condition
51	6.0	10.0
41	6.2	10.4
32.5	6.6	11.1
26	7.4	12.5
25	7.6	12.8
21	8.9	15.1
18	10.8	18.4
14	17.0	29.3

LEGEND:

DR = Dimension ratio =
$$\frac{\text{Average outside diameter of the pipe, mm}}{\text{Minimum wall thickness, mm}}$$

NOTES:

- A For installation in Type 4 and Type 3 soil, or if $E' < 6864\text{kN/m}^2$, the height of fill shall be calculated from first principles.
- B Soil types as defined in the Occupational Health and Safety Act and Regulations for Construction Projects.
- C The transition width, width of trench above the pipe when trench condition transitions to embankment condition, shall be calculated from first principles.
- D The maximum height of fill is dependent on the DR of the pipe, regardless of the diameter of the pipe.
- E Minimum height of fill over top of pipe shall be 300mm or one pipe diameter, whichever is greater.
- F This OPSD shall be read in conjunction with OPSD 802.010 and OPSD 802.013.
- G All dimensions are in metres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING

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Rev 2

**HEIGHT OF FILL TABLE
POLYVINYL CHLORIDE PRESSURE PIPE
FOR DIFFERENT DIMENSION RATIOS**

OPSD 806.060

