

PIPE DIA mm	PIPE AREA m <sup>2</sup>	TRENCH WIDTH	MAXIMUM HEIGHT OF FILL	
			210kPa	320kPa
150	0.02	1.00	N/A	9
200	0.03	1.00	N/A	9
250	0.05	1.05	9	9
300	0.07	1.10	9	9
375	0.13	1.20	9	9
450	0.16	1.25	9	9
525	0.22	1.30	9	9
600	0.28	1.40	9	9
750	0.44	1.55	9	9
900	0.64	1.77	9	9

LEGEND:

N/A – NOT AVAILABLE

NOTES:

A MINIMUM HEIGHT OF FILL OVER TOP OF PIPE SHALL BE 800mm OR ONE PIPE DIAMETER, WHICHEVER IS GREATER.

B THE TABLE IS BASED ON BACKFILL DENSITY OF 1922kg/m<sup>3</sup>.

C HEIGHT OF FILL GREATER THAN 9.0m SHALL BE CALCULATED FROM FIRST PRINCIPLES.

D THE TABLE PRESUMES GROUNDWATER IS AT OR BELOW THE SPRINGLINE OF THE PIPE.

E ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.



TRANSPORTATION AND WORKS  
HIGHWAY DESIGN DIVISION

**HEIGHT OF FILL TABLE**  
DUAL WALL CORRUGATED POLYETHYLENE  
GRAVITY SEWER PIPE - 210 AND 320kPa

DRAWN BY: HP

DATE: REV 02-01-10

NOT TO SCALE