

Snap-Tite Culvert System Is Also A Proven Solution For New And Replacement Direct Bury Culverts

The Snap-Tite joint and installation method allows a maintenance department to utilize Snap-Tite as their culvert choice for new and replacement direct bury culverts. See the charts on the opposite page in regard to minimum and maximum covers when using Snap-Tite for direct bury purposes.

The same effective strengths you depend upon from Snap-Tite when installed as a culvert liner apply when Snap-Tite is installed as a direct bury culvert.

- Sealed gasketed system prevents leakage
- Improved hydraulic capacity
- Long service life
- Effective system promotes a cleaner, healthier environment

And best of all, Snap-Tite is a fast installation with no special training or equipment. Maintenance departments can use their own crews – no special training or specialized equipment is necessary.

Snap-Tite Product Support

With the Snap-Tite sales force and application engineers, you get more than just order takers. They've literally been in the trenches and have extensive customer service backgrounds. Providing a permanent solution to your drainage problems is much more valuable to us than selling pipe.



Above right: Hydro-Bell, one of Snap-Tite's offerings, in a direct bury project. For more information on the Hydro-Bell, visit www.hydro-bell.com.

Minimum Cover for Direct Burial Snap-Tite® SDR 32.5 Pipe with AASHTO H-25 or HS-25 Load

Outside Diameter, OD, in.	Minimum Cover, H, ft.
10.75"	1'
12.75"	1'
14"	1'
16"	1'
18"	1'
20"	1'
22"	1'
24"	1'

Outside Diameter, OD, in.	Minimum Cover, H, ft.
28"	1'
30"	1'
32"	1'
36"	1'
42"	1'
48"	1'
54"	1.5'
63"	1.5'

Note: Minimum covers in this table were calculated assuming Class II back-fill material compacted to 90% standard Proctor density and a minimum of 12-inches cover above the crown.

Maximum Cover for Snap-Tite® SDR 32.5 Pipe, ft.

Diameter	Class 1		Class 2			Class 3		
	Compacted (ft)	Uncompacted (ft)	95% (ft)	90% (ft)	85% (ft)	95% (ft)	90% (ft)	85% (ft)
10"	65	10	65	37	10	38	13	8
12"	65	10	65	37	10	38	13	8
14"	65	10	65	37	10	38	13	8
16"	65	10	65	37	10	38	13	8
18"	65	10	65	37	10	38	13	8
20"	65	10	65	37	10	38	13	8
22"	65	10	65	37	10	38	13	8
24"	65	10	65	37	10	38	13	8
28"	65	10	65	37	10	38	13	7
30"	65	10	65	37	10	38	13	7
36"	65	10	65	37	10	38	13	7
42"	65	10	65	36	10	37	13	7
48"	65	10	65	36	10	37	13	7
54"	65	10	65	36	10	37	13	7
63"	65	9	65	36	9	37	12	7

Notes:

1. Calculations assume no hydrostatic pressure and a density of 120 pcf for overburden material.
2. Snap-Tite® may be installed deeper than 65 feet; however, the maximum cover calculations have been truncated at 65 feet for this table.
3. Consult with a Snap-Tite® representative for burial depths deeper than 50 feet.
4. Culverts are typically installed in conditions where ground water is not a problem. If ground water is a concern contact Snap-Tite® for recommended installed burial depths.