

# SnapTite®

## SNAP-TITE® NOW OFFERS **OVAL** PIPE LINING SYSTEMS

Since one-third of existing culverts are arched, Snap-Tite® again has come up with a solution: oval pipe. It has the same benefits as smooth-wall HDPE Snap-Tite®, yet made for a better fit into an existing arched culvert.

The Snap-Tite® Culvert Lining System actually outperforms both the round and oval concrete and corrugated metal pipes it rehabilitates. Lightweight, flexible, durable HDPE has an indefinite service life and the Snap-Tite® culvert lining joining system assures a water-tight seal at all joints.



**1-800-CULVERT**

**WWW.CULVERT-REHAB.COM**

# SNAP-TITE® OVAL PIPE



## Flow in Lined CMP

CMP size (inches)		Equivalent Snap-Tite Round OD	Outside Liner Dim(in)		Inside Liner Dim(in)		Flow Q(cfs)	Snap-Tite %of flow
			minor	major	minor	major		
20	28	20"	16.5	23	15.1	21.7	4.7	128%
24	35	24"	18	29	16.4	27.1	7.0	111%
29	42	30"	22.5	36	20.3	34	12.5	121%
33	49	36"	30	41	27.7	38.7	23.0	153%
38	57	42"	34	48.5	31.3	45.9	33.8	152%
43	64	48"	39	55.5	35.9	52.3	48.3	158%
47	71	54"	43	63	39.5	59.5	65.0	165%
52	77	54"	47	60	43.5	59.6	74.7	148%
57	83	63"	52	72.5	47.9	68.1	101.2	160%
63	87	63"	58	67.5	53.9	63.5	109.1	141%

\* flow is based on slope of .1%. HDPE n= .00914 / CMP n= .024

## Flow in Lined RCP

RCP size (inches)		Equivalent Snap-Tite Round OD	Outside Liner Dim(in)		Inside Liner Dim(in)		Flow Q(cfs)	Snap-Tite %of flow
			minor	major	minor	major		
19	30	22"	17	26	15.6	24.6	5.8	97%
24	38	28"	21	33.5	19.2	33.6	11.4	102%
29	45	32"	26	37	23.9	34.9	16.4	91%
34	53	40"	31	46	28.4	43.6	27.6	100%
38	60	42"	34	48.5	31.3	45.9	33.8	89%
43	68	48"	39	55.5	35.9	52.3	48.3	92%
48	76	54"	43	63	39.5	59.5	65.0	92%
53	83	63"	48	75	44.9	70.2	95.7	105%
58	91	63"	52	72.5	47.9	68.1	101.2	87%
63	98	63"	58	67.5	53.9	63.5	109.1	76%

\* flow is based on slope of .1%. HDPE n= .00914 / concrete n= .015

*Ask your Snap-Tite sales rep for additional sizes*