



*"Insul-Dry is the only system available that removes moisture from pipe and vessel insulation."*

**4% Water By Volume  
Can Equal a 70% Loss  
in Thermal Efficiency**

Annual water infiltration in pounds Per 100 Ft of pipe. Calculations based on a vapor barrier perm rating of .02 with a 12 inch insulation outside diameter.

Sys. Temp.	Ambient Temperature and 25% Relative Humidity							
	30	40	50	60	70	80	90	100
45	0.00	0.00	0.00	0.00	0.00	0.00	0.44	1.44
20	0.00	0.00	0.00	0.22	0.65	1.22	1.99	3.00
0	0.03	0.19	0.42	0.73	1.16	1.74	2.50	3.51
-20	0.22	0.39	0.61	0.93	1.36	1.93	2.70	3.71
-40	0.29	0.46	0.68	1.00	1.43	2.00	2.77	3.78

Sys. Temp.	Ambient Temperature and 50% Relative Humidity							
	30	40	50	60	70	80	90	100
45	0.00	0.00	0.00	0.00	0.55	1.70	3.23	5.25
20	0.00	0.17	0.62	1.24	2.10	3.26	4.79	6.80
0	0.35	0.68	1.13	1.76	2.61	3.77	5.30	7.32
-20	0.55	0.88	1.33	1.95	2.81	3.96	5.50	7.51
-40	0.62	0.95	1.40	2.02	2.88	4.03	5.57	7.58

Sys. Temp.	Ambient Temperature and 75% Relative Humidity							
	30	40	50	60	70	80	90	100
45	0.00	0.00	0.00	0.72	2.00	3.73	6.03	9.05
20	0.16	0.65	1.33	2.27	3.56	5.29	7.59	10.61
0	0.67	1.17	1.84	2.78	4.07	5.80	8.10	11.12
-20	0.87	1.36	2.04	2.98	4.27	6.00	8.30	11.32
-40	0.94	1.43	2.11	3.05	4.33	6.07	8.37	11.39

Note: These calculations are linear. A 6" OD will have half the water infiltration listed above. All temperatures are measured in °F.

