

Approximate Coating Requirements per 100 Lineal Feet (30.48 Meters) of Pipe (Spiral Wrap)*

Pipe Size				Suggested Tape Width	1/2 Inch Overlap		50% Overlap	
Nominal		Actual O.D.			Inches	Squares	Sq. Meters	Squares
Inches	cm	Inches	cm					
.75	1.91	1.05	2.68	2"	.38	3.53	.58	5.39
1.00	2.54	1.32	3.34	2	.48	4.46	.72	6.69
1.25	3.18	1.66	4.22	2	.61	5.67	.91	8.45
1.50	3.81	1.90	4.83	2	.70	6.50	1.04	9.66
2.00	5.08	2.375	6.03	4	.75	6.97	1.31	12.17
3.00	7.62	3.50	8.89	4	1.10	10.22	1.92	17.84
4.00	10.16	4.50	11.43	4	1.41	13.10	2.47	22.95
6.00	15.24	6.625	16.83	4	2.08	19.32	3.64	33.82
8.00	20.32	8.625	21.91	6	2.59	24.06	4.74	44.03
10.00	25.40	10.75	27.31	6	3.22	29.91	5.91	54.90
12.00	30.48	12.75	32.39	6	3.82	35.49	7.01	65.12
14.00	35.56	14.00	35.56	6	4.20	39.02	7.70	71.53
16.00	40.64	16.00	40.64	6	4.80	44.59	8.80	81.75

* Quantities shown include 5% field contingency.

Equation for Pipe Coating Requirements:

$$\frac{(\text{Width of Coating in Inches})(\text{Area of pipe in Square Feet})}{(\text{Width of Coating} - \text{Overlap in Inches})(100)} = \text{Squares of Coating Required}$$

One Square = One hundred square feet
 Area of Pipe = (Diameter)(3.1416)(Length)

Approximate Primer Coverage:

- Hand Application 400 sq. ft./gallon (10.23 sq. meters/liter)
- Plant Coating 700 sq. ft./gallon (17.90 sq. meters/liter)
- Line Travel Coating 900 sq. ft./gallon (23.02 sq. meters/liter)

POLYKEN TECHNOLOGIES

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P = PIPE

$$\frac{Lf (59^{ft} P) (1.17)}{100 (15q)}$$

AREA OF PIPE *TOTAL*

$$\frac{A_p \times P \text{ of Coating}}{100} = \text{Sq footage of Pipe} \times 1.17 (2)$$

(1 in overlap)

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 Pipeline Coatings