PRIMELINE PRODUCTS, INC.

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FABRIC DIMENSION (width) FOR SECTIONAL LINING

(Length is the length of repair X number of layers)

$$C = \pi d$$

Circumference of Pipe (inches) = 3.14 x diameter of pipe (inches)

For an 8-inch pipe

Circumference = 3.14 x 8 inches

Circumference = 25.1 inches

Add 4 inches for an overlap

Cut fiberglass to a width of 29.1 inches

5' repair at standard double thickness: 5' x 2 = 10' long

Pipe Dia (in)	Pipe Circ (in)	Fabric Width (in)
6	18.8	22.8
8	25.1	29.1
10	31.4	35.4
12	37.7	41.7
15	47.1	51.1
18	56.5	60.5
21	65.9	69.9
24	75.4	79.4
27	84.8	88.8
30	94.2	98.2
36	113.0	117.0

PRIMELINE TRENCHLESS

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Resin Calculator

Silicate Resin Sectional Point Repairs

Silicate Resins are mixed 2:1 (B:A) by volume.

Since the resins are mixed 2:1 by volume; one kit of resin is two (2) five-gallon pails of B resin and one (1) five-gallon pail of A resin.

The B (Brown) side is sold in five (5) gallon pails. Each pail weighs 50 pounds. Therefore, one gallon of B resin will weigh 10 pounds.

The A (Clear) side is sold in five (5) gallon pails. Each pail weighs 64 pounds. Therefore, one gallon of A resin will weigh 12.8 pounds.

Use the following table for computing the total pounds of mixed resin required per linear foot of repair.

Pipe Diameter		Material Thickness		A Comp. (Pounds)		B Comp. (Pounds)
4"		One Layer		0.18		0.28
6"		Two Layers		0.55		0.85
8"		Two Layers		0.73		1.14
10"		Two Layers		0.91		1.42
12"		Two Layers		1.09		1.71
15"		Two Layers		1.37		2.14
18"		Two Layers		1.64		2.56
21"		Two Layers		1.91		2.99
24"		Two Layers		2.19		3.42

Example: 15" Diameter Sectional Repair; 5 LF long requires:

A Resin: 5 x 1.37 (Pounds) B Resin: 5 x 2.14 (Pounds

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