

# Tremco Fire Protection Systems Group

## Estimation Tables

**TREMstop Acrylic Sealant Joint Estimation Table**

Joint Width (in.)	Cartridge 18 cu.in.(300ml)			Sausage 36 cu.in.(600ml)			Quart Tube 51 cu.in.(850ml)			5 Gal Bucket 1155 cu.in.		
	Lineal Ft. / Cartridge			Lineal Ft. / Sausage			Lineal Ft. / Quart Tube			Lineal Ft. / Bucket		
	Sealant Depth (in.)			Sealant Depth (in.)			Sealant Depth (in.)			Sealant Depth (in.)		
	1/4	1/2	5/8	1/4	1/2	5/8	1/4	1/2	5/8	1/4	1/2	5/8
1/2	12.0	6.0	4.8	24.0	12.0	9.6	34.0	17.0	13.6	770	385	308
3/4	8.0	4.0	3.2	16.0	8.0	6.4	22.7	11.3	9.1	513	257	205
1	6.0	3.0	2.4	12.0	6.0	4.8	17.0	8.5	6.8	385	193	154
1 1/2	4.0	2.0	1.6	8.0	4.0	3.2	11.3	5.7	4.5	257	128	103
2	3.0	1.5	1.2	6.0	3.0	2.4	8.5	4.3	3.4	193	96	77
2 1/2	2.4	1.2	1.0	4.8	2.4	1.9	6.8	3.4	2.7	154	77.0	61.6
3	2.0	1.0		4.0	2.0	1.6	5.7	2.8	2.3	128	64.2	51.3
3 1/2	1.7			3.4	1.7	1.4	4.9	2.4	1.9	110	55.0	44.0
4	1.5			3.0	1.5	1.2	4.3	2.1	1.7	96.3	48.1	38.5
5	1.2			2.4	1.2	1.0	3.4	1.7	1.4	77.0	38.5	30.8
6	1.0			2.0	1.0		2.8	1.4	1.1	64.2	32.1	25.7

For Wall to Wall and Head of wall joints, one side only divide by 2 for both sides

### TREMstop Acrylic SP Spray coverage

One Gallon coverage is 12.83 sq.ft.

Joint Width (in.)	Spray Width 1/2" overlap	Flat Deck Lineal Ft./Gal		Fluted Deck Lineal Ft. / Gal		
		Floor (one side)	Wall (both sides)	1-1/2" Fluted	2" Fluted	3" Fluted
		Wall (both sides)				
1/2	1 1/2	102.7	51.3	34.2	30.8	25.7
3/4	1 3/4	88.0	44.0	30.8	28.0	23.7
1	2	77.0	38.5	28.0	25.7	22.0
1 1/2	2 1/2	61.6	30.8	23.7	22.0	19.3
2	3	51.3	25.7	20.5	19.3	17.1
2 1/2	3 1/2	44.0	22.0	18.1	17.1	15.4
3	4	38.5	19.3	16.2	15.4	14.0
3 1/2	4 1/2	34.2	17.1	14.7	14.0	12.8
4	5	30.8	15.4			
5	6	25.7	12.8			
6	7	22.0	11.0			

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## Pipe Sizes Sch 40

Nom. Pipe	O.D. (in.)	Nom. Pipe	O.D. (in.)
1/2	0.84	5	5.563
3/4	1.05	6	6.625
1	1.315	8	8.625
1 1/4	1.66	10	10.75
1 1/2	1.90	12	12.75
2	2.40	14	14.00
2 1/2	2.875	16	16.00
3	3.50	18	18.00
4	4.50	20	20.00

Wrap Strip Lengths for Plastic Pipes (inches)													
0.130 Wrap thickness (in)													
Wrap Layer →		1	2	3	4	5	6	7	8	9	10	11	12
Pipe Size	OD Pipe												
1-1/2"	1.875	6.7	7.5	8.3	9.2								
		sum Length	14.2	22.6	31.7								
2"	2.4	8.36	9.17	10.0	10.8								
		sum Length	17.5	27.5	38.3								
3"	3.5	11.8	12.6	13.4	14.3	15.1							
		sum Length	24.4	37.9	52.1	67.2							
4"	4.5	14.95	15.77	16.6	17.4	18.2	19.0	19.9					
		sum Length	30.7	47.3	64.7	82.9	102.0	121.8					
6"	6.5	21.2	22.1	22.9	23.7	24.5	25.3	26.1	27.0				
		sum Length	43.3	66.2	89.8	114.3	139.7	165.8	192.8				
8"	8.5	27.52	28.34	29.2	30.0	30.8	31.6	32.4	33.2	34.1	34.9		
		sum Length	55.9	85.0	115.0	145.8	177.4	209.8	243.0	277.1	311.9		
10"	10.75	34.6	35.4	36.2	37.0	37.9	38.7	39.5	40.3	41.1	41.9	42.8	43.6
		sum Length	70.0	106.2	143.3	181.1	219.8	259.3	299.6	340.7	382.6	425.4	468.9

example: 2" Plastic Pipe  
 4th Layer 10.8 in. long  
 Total Length (1st-4th) 38.3 in.

10" Plastic Pipe  
 Double Stack req'd  
 2\*468.9"=937.8"