

Estimating Chart - Material Requirement for 1/2" sealant depth

Volume required per opening (cu. in.)

Nom. Pipe Dia in.	Nominal opening diameter																											
	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11.5	12.5	13	13.5	14			
0.5	0.3	0.8	1.5	2.4	3.4	4.7	6.2	7.9	9.7	11.8	14	16.5	19.1	22	25	28.3	31.7	35.3	39.2	43.2	47.4	51.8	56.5	61.3	66.3	71.5	76.9	
1		0.5	1.2	2.1	3.1	4.4	5.9	7.6	9.4	11.5	13.7	16.2	18.8	21.7	24.7	28	31.4	35	38.6	42.9	47.1	51.5	56.2	61	66	71.2	76.6	
1.5			0.7	1.6	2.7	3.9	5.4	7.1	8.9	11	13.3	15.7	18.4	21.2	24.2	27.5	30.9	34.6	38.4	42.4	46.6	51.1	55.7	60.5	65.5	70.7	76.1	
2				0.9	2	3.2	4.7	6.4	8.2	10.3	12.6	15	17.7	20.5	23.6	26.8	30.2	33.9	37.7	41.7	45.9	50.4	55	59.8	64.8	70	75.4	
2.5					1.1	2.4	3.8	5.5	7.4	9.4	11.7	14.1	16.8	19.6	22.7	25.9	29.4	33	36.8	40.8	45.1	49.5	54.1	58.9	63.9	69.1	74.5	
3						1.3	2.7	4.4	6.3	8.3	10.6	13.1	15.7	18.6	21.6	24.6	28.3	31.9	35.7	39.8	44	48.4	53	57.8	62.8	68	73.4	
3.5							1.5	3.1	5	7.1	9.3	11.8	14.4	17.3	20.3	23.6	27	30.6	34.5	38.5	42.7	47.1	51.7	56.5	61.6	66.8	72.2	
4								1.7	3.5	5.6	7.9	10.3	13	15.8	18.8	22.1	25.5	29.2	33	37	41.2	45.7	50.3	55.1	60.1	65.3	70.7	
4.5									1.9	3.9	6.2	8.6	11.3	14.1	17.2	20.4	23.9	27.5	31.3	35.3	39.6	44	48.6	53.4	58.4	63.6	69	
5										2.1	4.3	6.8	9.4	12.3	15.3	18.6	22	25.6	29.5	33.5	37.7	42.1	46.7	51.5	56.5	61.8	67.2	
5.5											2.3	4.7	7.4	10.2	13.3	16.5	19.9	23.6	27.4	31.4	35.6	40.1	44.7	49.5	54.5	59.7	65.1	
6												2.5	5.1	8	11	14.2	17.7	21.3	25.1	29.2	33.4	37.8	42.4	47.2	52.2	57.4	62.8	
6.5													2.7	5.5	8.5	11.8	15.2	18.8	22.7	26.7	30.9	35.3	40	44.8	49.8	55	60.4	
7														2.8	5.9	9.1	12.6	16.2	20	24.1	28.3	32.7	37.3	42.1	47.1	52.3	57.7	
7.5															3	6.3	9.7	13.4	17.2	21.2	25.4	29.8	34.5	39.3	44.3	49.5	54.9	
8																3.2	6.7	10.3	14.1	18.2	22.4	26.8	31.4	36.2	41.4	46.4	51.8	
8.5																	3.4	7.1	10.9	14.9	19.1	23.6	28.2	33	38	43.2	48.6	
9																		3.6	7.5	11.5	15.7	20.1	24.7	29.6	34.6	39.8	45.2	
9.5																			3.8	7.9	12.1	16.5	21.1	25.9	30.9	36.1	41.5	
10																				4	8.2	12.7	17.3	22.1	27.1	32.3	37.7	
10.5																						4.2	8.6	13.3	18.1	23.1	28.3	33.7

Estimation Chart - Firestop Sealants Standard Packaging

Package Type	Nom. Volume - Yield	
	U.S.fl..oz.	cu. in.
Std. Cartridge	10	18
Qt. Cartridge	29	52
Sausage	20	36
2 gl. U.S.	256	462
5 gl. U.S.	640	1155
3M Putty Stick	13.6	21
FIP 1 Step Foam		116