

Sealant Volume Estimator

Midwest Sealant Supply
(614) 847-4075

		10.5 oz cartridge	20 oz Sausage	1 ½ gal units	30 oz Cartridge	1 gallon
Bead Size	Bead Volume Per LF (cu. In.)	*Approx. 95% Yield (lineal feet)	*Approx. 95% Yield (lineal feet)	*Approx. 95% Yield (lineal feet)	*Approx. 95% Yield (lineal feet)	*Approx. 95% Yield (lineal feet)
1/8 x 1/4	0.375	46	93	878	137	587
¼ x ¼	0.75	23	46	439	68	293
5/16 x 5/16	1.17187	14.9	29.7	281	44	188
3/8 x 1/4	1.125	15	31	293	46	196
3/8 x 3/8	1.6875	10.3	20.6	195	30.5	130
7/16 x 1/4	1.3125	13.3	26.5	251	39.2	168
½ x 1/4	1.5	11	23	220	34	147
½ x ½	3	5.8	11.6	110	17.2	74
5/8 x ¼	1.875	9.3	18.6	176	27.5	118
5/8 x 3/8	2.8125	6.2	12.4	117	18.3	78
¾ x 1/4	2.25	*8	15.5	146	23	98
¾ x 3/8	3.375	*5.2	10.3	98	15.3	66
7/8 x 1/4	2.625	*6.7	13.3	126	19.6	84
7/8 x 3/8	3.9375	*4.4	8.8	84	13	56
1/8 Dia.	0.1473	118	236	2235	350	1490
3/16 Dia.	0.3313	52	105	993	155	662
¼ Dia.	0.5895	30	59	560	87	374
5/16 Dia.	0.9204	19	38	360	56	240
3/8 Dia.	1.325	13	26	250	39	167
½ Dia.	2.355	7.4	14.8	140	22	94

10.15 fl. Oz = 18.3175 cu. In. 20 fl. Oz. = 36.6352 cu. In. 30 fl. Oz. = 54.14063 cu. In. 1 ½ gal = 346.5 cu. In. 1 gal = 231 cu. In.

* Installing wide joints from 10 ounce cartridges requires more than a single pass and low yield per cartridge. Larger packaging is suggested for these joint configurations.

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Large Joints

		10.5 oz cartridge	20 oz Sausage	1 ½ gal units	30 oz Cartridge	1 gallon
Bead Size	Bead Volume Per LF (cu. In.)	*Approx. 95% Yield (lineal feet)	*Approx. 95% Yield (lineal feet)	*Approx. 95% Yield (lineal feet)	*Approx. 95% Yield (lineal feet)	*Approx. 95% Yield (lineal feet)
1 x 1/4	3	*5 3/4	11 1/2	110	17	73
1 x 3/8	4.5	*3.9	7 3/4	73	11.5	48 3/4
1 x 1/2	6	*2.8	5 3/4	55	8.5	36.5
1 ½ x 3/8	6.75	*2.5	5.2	48 3/4	7.6	32.5
1 ½ x 1/2	9	*1.9	3.9	36.6	5.7	24.4
2 x 3/8	9	*1.9	3.9	36.6	5.7	24.4
2 x 1/2	12	*1.45	2.9	28	4.3	18.3
2 ½ x 1/2	15	*1.15	2.3	22	3.4	14.6
3 x 1/2	18	*0.96	1.9	18	2.9	12.2

10.15 fl. Oz = 18.3175 cu. In. 20 fl. Oz. = 36.6352 cu. In. 30 fl. Oz. = 54.14063 cu. In. 1 ½ gal = 346.5 cu. In. 1 gal = 231 cu. In.

* Installing wide joints from 10 ounce cartridges requires more than a single pass and low yield per cartridge. Larger packaging is suggested for these joint configurations.