



# *2024 Die Roll* Production Rates

*SGL207NextGen<sup>®</sup>*

*SGM612NextGen<sup>®</sup>*

## STANDARD SOFTGEL CAPSULE SHAPES AND SIZES

<b>2 Oval</b> Minims: 1.5–1.8 CC: 0.092–0.111	<b>3 Oval</b> Minims: 2.4–3.0 CC: 0.148–0.185	<b>4 Oval</b> Minims: 3.1–4.0 CC: 0.191–0.246	<b>5 Oval</b> Minims: 4.3–5.0 CC: 0.265–0.308	<b>6 Oval</b> Minims: 5.2–6.0 CC: 0.320–0.370	<b>7.5 Oval</b> Minims: 6.2–7.5 CC: 0.382–0.462	<b>10 Oval</b> Minims: 7.5–10.0 CC: 0.462–0.616	<b>12 Oval</b> Minims: 8.3–12.0 CC: 0.511–0.739	<b>16 Oval</b> Minims: 12.4–16.0 CC: 0.764–0.986	<b>20 Oval</b> Minims: 17.0–20.0 CC: 1.047–1.232	<b>40 Oval</b> Minims: 30.0–40.0 CC: 1.848–2.454
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<b>3 Oblong</b> Minims: 2.3–3.0 CC: 0.142–0.185	<b>4 Oblong</b> Minims: 3.0–3.0 CC: 0.185–0.246	<b>5 Oblong</b> Minims: 4.0–5.0 CC: 0.246–0.308	<b>6 Oblong</b> Minims: 5.0–6.0 CC: 0.308–0.370	<b>8 Oblong</b> Minims: 6.5–8.0 CC: 0.400–0.493	<b>9.5 Oblong</b> Minims: 7.5–9.5 CC: 0.462–0.585	<b>11 Oblong</b> Minims: 8.5–11.0 CC: 0.524–0.678	<b>14 Oblong</b> Minims: 12.5–14.0 CC: 0.770–0.862	<b>16 Oblong</b> Minims: 14.0–16.0 CC: 0.862–0.986	<b>20 Oblong</b> Minims: 16.0–20.0 CC: 0.986–1.232	<b>22 Oblong</b> Minims: 18.0–22.0 CC: 1.109–1.355
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<b>2 Round</b> Minims: 1.2–2.0 CC: 0.074–0.124	<b>3 Round</b> Minims: 2.2–3.0 CC: 0.136–0.185	<b>4 Round</b> Minims: 2.8–4.0 CC: 0.172–0.246	<b>5 Round</b> Minims: 3.2–5.0 CC: 0.197–0.308	<b>6 Round</b> Minims: 4.6–6.0 CC: 0.283–0.370	<b>7 Round</b> Minims: 5.0–7.0 CC: 0.308–0.431	<b>9 Round</b> Minims: 7.0–9.0 CC: 0.431–0.554	<b>28 Round</b> Minims: 22.0–30.0 CC: 1.355–1.848	<b>40 Round</b> Minims: 32.0–41.0 CC: 1.971–2.928	<b>90 Round</b> Minims: 70.0–80.0 CC: 4.312–4.928	<b>110 Round</b> Minims: 75.0–100.0 CC: 4.650–6.160
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**NOTE:** Capsule images shown are not to scale.  
 Shapes, sizes, colours and fill depend on customer requirements.  
 Custom designed shapes are also available for customer requirements.



## Oval Capsule Sizes

Capsule Size	Machine	Die Roll Size [Dia. x Len.]	# of Cavities Across	# of Cavities Around	Total # of Cavities	Capsules/Hr.												Notes
						2.5 RPM	3 RPM	3.5 RPM	4 RPM	4.5 RPM	5 RPM	5.5 RPM	6 RPM	6.5 RPM	7 RPM	7.5 RPM	8 RPM	
1 Oval	SGL207NextGen	4.040" x 2.756"	5	36	180	27,000	32,400	37,800	43,200	48,600	54,000							mini pump/SOV
	SGM612NextGen®	5.9055" x 12"	25	46	1150	172,500	207,000	241,500	276,000	310,500	345,000	379,500	414,000	448,500	483,000	517,500	552,000	mini pump/SOV
2 Oval	SGL207NextGen	4.040" x 2.756"	5	31	155	23,250	27,900	32,550	37,200	41,850	46,500							mini pump/SOV
	SGM612NextGen®	5.9055" x 12"	27	46	1242	186,300	223,560	260,820	298,080	335,340	372,600	409,860	447,120	484,380	521,640	558,900	596,160	mini pump/SOV
3 Oval	SGL207NextGen	4.040" x 2.756"	4	30	120	18,000	21,600	25,200	28,800	32,400	39,600							mini pump/SOV
	SGM612NextGen®	5.9055" x 12"	24	43	1032	154,800	185,760	216,720	247,680	278,640	309,600	340,560	371,520	402,480	433,440	464,400	495,360	mini pump/SOV
4 Oval	SGL207NextGen	4.040" x 2.756"	4	29	116	17,400	20,880	24,360	27,840	31,320	34,800							mini pump/SOV recommended
	SGM612NextGen®	5.9055" x 12"	20	42	840	126,000	151,200	176,400	201,600	226,800	252,000	277,200	302,400	327,600	352,800	378,000	403,200	mini pump/SOV recommended
5 Oval	SGL207NextGen	4.040" x 2.756"	3	28	84	12,600	15,120	17,640	20,160	22,680	25,200							
	SGM612NextGen®	5.9055" x 12"	19	40	760	114,000	136,800	159,600	182,400	205,200	228,000	250,800	273,600	296,400	319,200	342,000	364,800	
6 Oval	SGL207NextGen	4.040" x 2.756"	3	26	78	11,700	14,040	16,380	18,720	21,060	23,400							
	SGM612NextGen®	5.9055" x 12"	18	36	648	97,200	116,640	136,080	155,520	174,960	194,400	213,840	233,280	252,720	272,160	291,600	311,040	
7 Oval	SGL207NextGen	4.040" x 2.756"	3	24	72	10,800	12,960	17,280	17,280	19,440	21,600							
	SGM612NextGen®	5.9055" x 12"	17	35	595	89,250	107,100	124,950	142,800	160,650	178,500	196,350	214,200	232,050	249,900	267,750	285,600	
7.5 Oval	SGL207NextGen	4.040" x 2.756"	3	25	75	11,250	13,500	15,750	18,000	20,250	22,500							
	SGM612NextGen®	5.9055" x 12"	16	36	576	86,400	103,680	120,960	138,240	155,520	172,800	190,080	207,360	224,640	241,920	259,200	276,480	
8.5 Oval	SGL207NextGen	4.040" x 2.756"	3	24	72	10,800	12,960	15,120	17,280	19,440	21,600							
	SGM612NextGen®	5.9055" x 12"	16	35	560	84,000	100,800	117,600	134,400	151,200	168,000	184,800	201,600	218,400	235,200	252,000	268,800	



# Oval Capsule Sizes

Capsule Size	Machine	Die Roll Size [Dia. x Len.]	# of Cavities Across	# of Cavities Around	Total # of Cavities	Capsules/Hr.												Notes
						2.5 RPM	3 RPM	3.5 RPM	4 RPM	4.5 RPM	5 RPM	5.5 RPM	6 RPM	6.5 RPM	7 RPM	7.5 RPM	8 RPM	
10 Oval	SGL207NextGen	4.040" x 2.756"	2	23	46	6,900	8,280	9,660	11,040	12,420	13,800							
	SGM612NextGen®	5.9055" x 12"	16	34	544	81,600	97,920	114,240	130,560	146,880	163,200	179,520	195,840	212,160	228,480	244,800	261,120	
12 Oval	SGL207NextGen	4.040" x 2.756"	2	20	40	6,000	7,200	8,400	9,600	10,800	12,000							
	SGM612NextGen®	5.9055" x 12"	16	30	480	72,000	86,400	100,800	115,200	129,600	144,000	158,400	172,800	187,200	201,600	216,000	230,400	
14 Oval	SGL207NextGen	4.040" x 2.756"	2	20	40	6,000	7,200	8,400	9,600	10,800	12,000							
	SGM612NextGen®	5.9055" x 12"	16	30	480	72,000	86,400	100,800	115,200	129,600	144,000	158,400	172,800	187,200	201,600	216,000	230,400	
16 Oval	SGL207NextGen	4.040" x 2.756"	2	19	38	5,700	6,840	7,980	9,120	10,260	11,400							
	SGM612NextGen®	5.9055" x 12"	14	27	378	56,700	68,040	79,380	90,720	102,060	113,400	124,740	136,080	147,420	158,760	170,100	181,440	
20 Oval	SGL207NextGen	4.040" x 2.756"	2	18	36	5,400	6,480	7,560	8,640	9,720	10,800							
	SGM612NextGen®	5.9055" x 12"	13	27	351	52,650	63,180	73,710	84,240	94,770	105,300	115,830	126,360	136,890	147,420	157,950	168,480	
40 Oval	SGL207NextGen	4.040" x 2.756"	1	16	16	2,400	2,880	3,360	3,840	4,320	4,800							
	SGM612NextGen®	5.9055" x 12"	11	23	253	37,950	45,540	53,130	60,720	68,310	75,900	83,490	91,080	98,670	106,260	113,850	121,440	
80 Oval	SGL207NextGen	4.040" x 2.756"	1	13	13	1,950	2,340	2,730	3,120	3,510	3,900							
	SGM612NextGen®	5.9055" x 12"	9	19	171	25,650	30,780	35,910	41,040	46,170	51,300	56,430	61,560	66,690	71,820	76,950	82,080	





# Oblong Capsule Sizes

Capsule Size	Machine	Die Roll Size [Dia. x Len.]	# of Cavities Across	# of Cavities Around	Total # of Cavities	Capsules/Hr.												Notes
						2.5 RPM	3 RPM	3.5 RPM	4 RPM	4.5 RPM	5 RPM	5.5 RPM	6 RPM	6.5 RPM	7 RPM	7.5 RPM	8 RPM	
3 Oblong	SGL207NextGen	4.040" x 2.756"	3	34	102	15,300	18,360	21,420	24,480	27,540	30,600							mini pump/SOV
	SGM612NextGen®	5.9055" x 12"	18	48	864	129,600	155,520	181,440	207,360	233,280	259,200	285,120	311,040	336,960	362,880	388,800	414,720	mini pump/SOV
4 Oblong	SGL207NextGen	4.040" x 2.756"	3	32	96	14,400	17,280	20,160	23,040	25,920	28,800							mini pump/SOV recommended
	SGM612NextGen®	5.9055" x 12"	15	47	705	105,750	126,900	148,050	169,200	190,350	211,500	232,650	253,800	274,950	296,100	317,250	338,400	mini pump/SOV recommended
5 Oblong	SGL207NextGen	4.040" x 2.756"	2	32	64	9,600	11,520	13,440	15,360	17,280	19,200							
	SGM612NextGen®	5.9055" x 12"	14	47	658	98,700	118,440	138,180	157,920	177,660	197,400	217,140	236,880	256,620	276,360	296,100	315,840	
6 Oblong	SGL207NextGen	4.040" x 2.756"	2	29	58	8,700	10,440	12,180	13,920	15,660	17,400							
	SGM612NextGen®	5.9055" x 12"	12	43	516	77,400	92,880	108,360	123,840	139,320	154,800	170,280	185,760	201,240	216,720	232,200	247,680	
8 Oblong	SGL207NextGen	4.040" x 2.756"	2	27	54	8,100	9,720	11,340	12,960	14,580	16,200							
	SGM612NextGen®	5.9055" x 12"	12	39	468	70,200	84,240	98,280	112,320	126,360	140,400	154,440	168,480	182,520	196,560	210,600	224,640	
9.5 Oblong	SGL207NextGen	4.040" x 2.756"	2	26	52	7,800	9,360	10,920	12,480	14,040	15,600							
	SGM612NextGen®	5.9055" x 12"	11	36	396	59,400	71,280	83,160	95,040	106,920	118,800	130,680	142,560	154,440	166,320	178,200	190,080	
11 Oblong	SGL207NextGen	4.040" x 2.756"	2	26	52	7,800	9,360	10,920	12,480	14,040	15,600							
	SGM612NextGen®	5.9055" x 12"	11	37	407	61,050	73,260	85,470	97,680	109,890	122,100	134,310	146,520	158,730	170,940	183,150	195,360	
12 Oblong	SGL207NextGen	4.040" x 2.756"	2	21	42	6,300	7,560	8,820	10,080	11,340	12,600							
	SGM612NextGen®	5.9055" x 12"	11	31	341	51,150	61,380	71,610	81,840	92,070	102,300	112,530	122,760	132,990	143,220	153,450	163,680	
14 Oblong	SGL207NextGen	4.040" x 2.756"	2	24	48	7,200	8,640	10,080	11,520	12,960	14,400							
	SGM612NextGen®	5.9055" x 12"	11	34	374	56,100	67,320	78,540	89,760	100,980	112,200	123,420	134,640	145,860	157,080	168,300	179,520	



## Oblong Capsule Sizes

Capsule Size	Machine	Die Roll Size [Dia. x Len.]	# of Cavities Across	# of Cavities Around	Total # of Cavities	Capsules/Hr.												Notes
						2.5 RPM	3 RPM	3.5 RPM	4 RPM	4.5 RPM	5 RPM	5.5 RPM	6 RPM	6.5 RPM	7 RPM	7.5 RPM	8 RPM	
16 Oblong	SGL207NextGen	4.040" x 2.756"	1	24	24	3,600	4,320	5,040	5,760	6,480	7,200							
	SGM612NextGen®	5.9055" x 12"	10	34	340	51,000	61,200	71,400	81,600	91,800	102,000	112,200	122,400	132,600	142,800	153,000	163,200	
18 Oblong	SGL207NextGen	4.040" x 2.756"	1	23	23	3,450	4,140	4,830	5,520	6,210	14,400							
	SGM612NextGen®	5.9055" x 12"	9	34	306	45,900	55,080	64,260	73,440	82,620	91,800	100,980	110,160	119,340	128,520	137,700	146,880	
20 Oblong	SGL207NextGen	4.040" x 2.756"	1	22	22	3,300	3,960	4,620	5,280	5,940	6,600							
	SGM612NextGen®	5.9055" x 12"	10	33	330	49,500	59,400	69,300	79,200	89,100	99,000	108,900	118,800	128,700	138,600	148,500	158,400	
22 Oblong	SGL207NextGen	4.040" x 2.756"	1	22	22	3,300	3,960	4,620	5,280	5,940	6,600							
	SGM612NextGen®	5.9055" x 12"	9	32	288	43,200	51,840	60,480	69,120	77,760	86,400	95,040	103,680	112,320	120,960	129,600	138,240	
23 Oblong	SGL207NextGen	4.040" x 2.756"	1	20	20	3,000	3,600	4,200	4,800	5,400	6,000							
	SGM612NextGen®	5.9055" x 12"	9	30	270	40,500	48,600	56,700	64,800	72,900	81,000	89,100	97,200	105,300	113,400	121,500	129,600	
24 Oblong	SGL207NextGen	4.040" x 2.756"	1	21	21	3,150	3,780	4,410	5,040	5,670	6,300							
	SGM612NextGen®	5.9055" x 12"	9	31	279	41,850	50,220	58,590	66,960	75,330	83,700	92,070	100,440	108,810	117,180	125,550	133,920	
26 Oblong	SGL207NextGen	4.040" x 2.756"	1	21	21	3,150	3,780	4,410	5,040	5,670	6,300							
	SGM612NextGen®	5.9055" x 12"	8	31	248	37,200	44,640	52,080	59,520	66,960	74,400	81,840	89,280	96,720	104,160	111,600	119,040	
28 Oblong	SGL207NextGen	4.040" x 2.756"	1	19	19	2,850	3,420	3,990	4,560	5,130	5,700							
	SGM612NextGen®	5.9055" x 12"	9	28	252	37,800	45,360	52,920	60,480	68,040	75,600	83,160	90,720	98,280	105,840	113,400	120,960	
30 Oblong	SGL207NextGen	4.040" x 2.756"	1	19	19	2,850	3,420	3,990	4,560	5,130	5,700							
	SGM612NextGen®	5.9055" x 12"	9	28	252	37,800	45,360	52,920	60,480	68,040	75,600	83,160	90,720	98,280	105,840	113,400	120,960	



## Round Capsule Sizes

Capsule Size	Machine	Die Roll Size [Dia. x Len.]	# of Cavities Across	# of Cavities Around	Total # of Cavities	Capsules/Hr.												Notes
						2.5 RPM	3 RPM	3.5 RPM	4 RPM	4.5 RPM	5 RPM	5.5 RPM	6 RPM	6.5 RPM	7 RPM	7.5 RPM	8 RPM	
1 Round	SGL207NextGen	4.040" x 2.756"	6	36	216	32,400	38,880	45,360	51,840	58,320	64,800							mini pump/SOV
	SGM612NextGen®	5.9055" x 12"	30	48	1440	216,000	259,200	302,400	345,600	388,800	432,000	475,200	518,400	561,600	604,800	648,000	691,200	mini pump/SOV
2 Round	SGL207NextGen	4.040" x 2.756"	5	32	160	24,000	28,800	33,600	38,400	43,200	48,000							mini pump/SOV
	SGM612NextGen®	5.9055" x 12"	30	48	1440	216,000	259,200	302,400	345,600	388,800	432,000	475,200	518,400	561,600	604,800	648,000	691,200	mini pump/SOV
3 Round	SGL207NextGen	4.040" x 2.756"	5	28	140	21,000	25,200	29,400	33,600	37,800	42,000							mini pump/SOV
	SGM612NextGen®	5.9055" x 12"	30	40	1200	180,000	216,000	252,000	288,000	324,000	360,000	396,000	432,000	468,000	504,000	540,000	576,000	mini pump/SOV
4 Round	SGL207NextGen	4.040" x 2.756"	4	25	100	15,000	18,000	21,000	24,000	27,000	30,000							mini pump/SOV
	SGM612NextGen®	5.9055" x 12"	28	36	1008	151,200	181,440	211,680	241,920	272,160	302,400	332,640	362,880	393,120	423,360	453,600	483,840	mini pump/SOV
5 Round	SGL207NextGen	4.040" x 2.756"	4	24	96	14,400	17,280	20,160	23,040	25,920	28,800							
	SGM612NextGen®	5.9055" x 12"	20	35	700	105,000	126,000	147,000	168,000	189,000	210,000	231,000	252,000	273,000	294,000	315,000	336,000	
6 Round	SGL207NextGen	4.040" x 2.756"	4	23	92	13,800	16,560	19,320	22,080	24,840	27,600							
	SGM612NextGen®	5.9055" x 12"	20	34	680	102,000	122,400	142,800	163,200	183,600	204,000	224,400	244,800	265,200	285,600	306,000	326,400	
7 Round	SGL207NextGen	4.040" x 2.756"	4	22	88	13,200	15,840	18,480	21,120	23,760	26,400							
	SGM612NextGen®	5.9055" x 12"	20	33	660	99,000	118,800	138,600	158,400	178,200	198,000	217,800	237,600	257,400	277,200	297,000	316,800	
9 Round	SGL207NextGen	4.040" x 2.756"	4	21	84	12,600	15,120	17,640	20,160	22,680	25,200							
	SGM612NextGen®	5.9055" x 12"	20	31	620	93,000	111,600	130,200	148,800	167,400	186,000	204,600	223,200	241,800	260,400	279,000	297,600	



## Round Capsule Sizes

Capsule Size	Machine	Die Roll Size [Dia. x Len.]	# of Cavities Across	# of Cavities Around	Total # of Cavities	Capsules/Hr.												Notes
						2.5 RPM	3 RPM	3.5 RPM	4 RPM	4.5 RPM	5 RPM	5.5 RPM	6 RPM	6.5 RPM	7 RPM	7.5 RPM	8 RPM	
15 Round	SGL207NextGen	4.040" x 2.756"	3	16	48	7,200	8,640	10,080	11,520	12,960	14,400							
	SGM612NextGen®	5.9055" x 12"	19	24	456	68,400	82,080	95,760	109,440	123,120	136,800	150,480	164,160	177,840	191,520	205,200	218,880	
28 Round	SGL207NextGen	4.040" x 2.756"	3	16	48	7,200	8,640	10,080	11,520	12,960	14,400							
	SGM612NextGen®	5.9055" x 12"	17	23	391	58,650	70,380	82,110	93,840	105,570	117,300	129,030	140,760	152,490	164,220	175,950	187,680	
35 Round	SGL207NextGen	4.040" x 2.756"	3	15	45	6,750	8,100	9,450	10,800	12,150	13,500							
	SGM612NextGen®	5.9055" x 12"	16	21	336	50,400	60,480	70,560	80,640	90,720	100,800	110,880	120,960	131,040	141,120	151,200	161,280	
38 Round	SGL207NextGen	4.040" x 2.756"	3	15	45	6,750	8,100	9,450	10,800	12,150	13,500							
	SGM612NextGen®	5.9055" x 12"	16	21	336	50,400	60,480	70,560	80,640	90,720	100,800	110,880	120,960	131,040	141,120	151,200	161,280	
90 Round	SGL207NextGen	4.040" x 2.756"	1	11	11	1,650	1,980	2,310	2,640	2,970	3,300							
	SGM612NextGen®	5.9055" x 12"	13	16	208	31,200	37,440	43,680	49,920	56,160	62,400	68,640	74,880	81,120	87,360	93,600	99,840	





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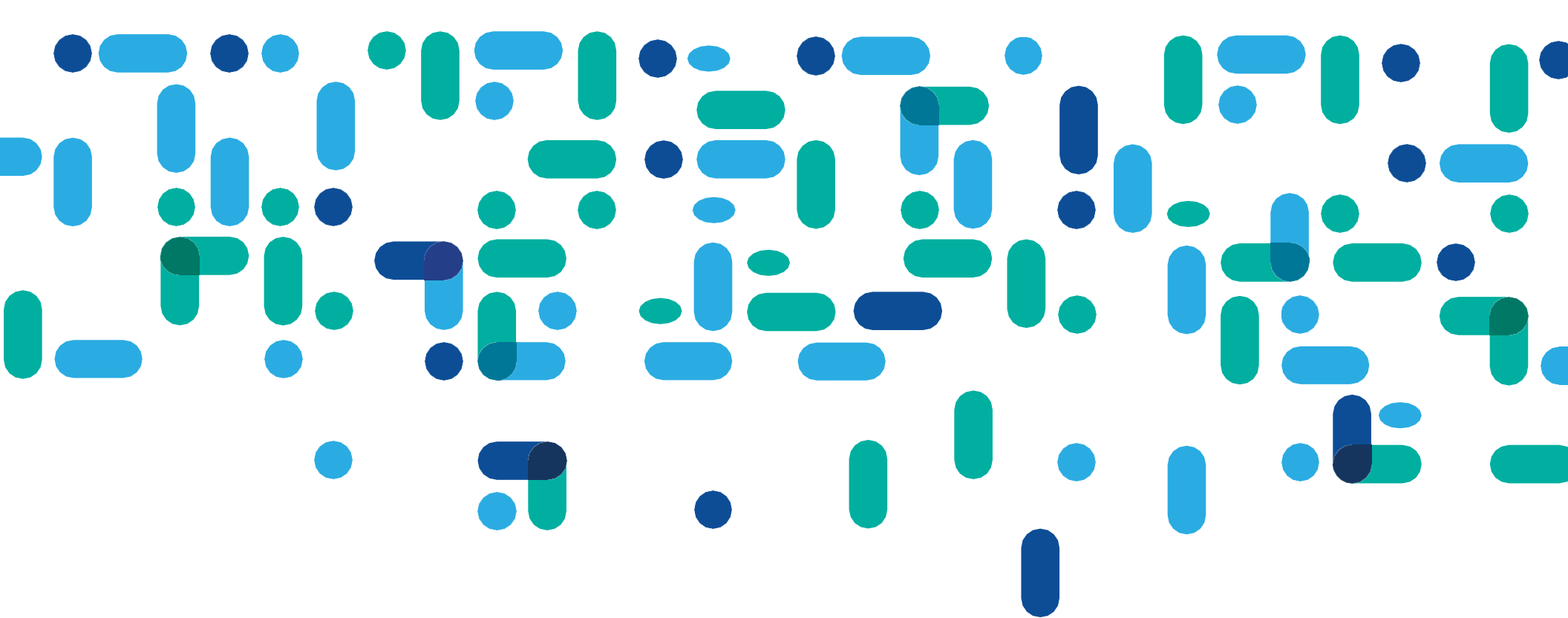
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