



Rubber Stoppers and Stopper Gaskets



PRINCE RUBBER & PLASTICS, since 1931, continues to supply Laboratory, Pharmaceutical, Chemical, and Industrial markets with Standard, Custom-Molded and Machined Stoppers.

Stock Inventory:

- Standard Solid Molded Stoppers, sizes from #000 to #16
- Standard #1 or #2 through-hole Stoppers
- Black Rubber, Neoprene, Pure Gum

Custom Specifications:

- Custom-Molded Stoppers
- Machined Stoppers
- Sizes ≥ 30 " diameter
- Other elastomers available

Size, specification, material required, elastomers, and quantity can be produced either by machining a standard stopper or by custom-molding. Please contact Prince with your inquiry.

Prince also offers small rubber parts in a variety of shapes, profiles, and dimensions, including plugs, O-rings, and grommets.



Standard Molded Laboratory Stoppers' Dimensions

Size No.	Top		Bottom		Length		Diameter, mm		≈Quantity per pound		
	Inches	MM	Inches	MM	Inches	MM	1-Hole	2-Hole	Black Rubber	Green Neoprene	Tan Pure Gum
000	$\frac{1}{2}$	12.7	$\frac{5}{16}$	8.2	$\frac{13}{16}$	21	3	-	183	160	226
00	$\frac{19}{32}$	15	$\frac{13}{32}$	10	1	25	3	3	106	95	132
0	$\frac{21}{32}$	17	$\frac{1}{2}$	13	1	25	3	3	76	68	95
1	$\frac{3}{4}$	19	$\frac{9}{16}$	14	1	25	4	4	64	57	81
2	$\frac{25}{32}$	20	$\frac{5}{8}$	16	1	25	5	5	52	48	67
3	$\frac{15}{16}$	24	$\frac{23}{32}$	18	1	25	5	5	39	35	49
4	1	26	$\frac{3}{4}$	20	1	25	5	5	33	30	42
5	$1\frac{1}{16}$	27	$\frac{29}{32}$	23	1	25	5	5	28	35	35
$5\frac{1}{2}$	$1\frac{7}{64}$	28	$\frac{31}{32}$	24	1	25	5	5	25	23	32
6	$1\frac{1}{4}$	32	$1\frac{1}{32}$	26	1	25	5	5	21	19	26
$6\frac{1}{2}$	$1\frac{11}{32}$	34	$1\frac{1}{16}$	27	1	25	5	5	19	17	24
7	$1\frac{7}{16}$	37	$1\frac{3}{16}$	30	1	25	5	5	15	14	20
$7\frac{1}{2}$	$1\frac{1}{2}$	39	$1\frac{1}{8}$	31	1	25	5	5	14	13	19
8	$1\frac{5}{8}$	41	$1\frac{5}{16}$	33	1	25	5	5	12	12	16
$8\frac{1}{2}$	$1\frac{11}{16}$	43	$1\frac{13}{32}$	36	1	25	5	5	11	11	15
9	$1\frac{3}{4}$	45	$1\frac{15}{32}$	37	1	25	5	5	10	10	13
$9\frac{1}{2}$	$1\frac{13}{16}$	46	$1\frac{1}{2}$	38	1	25	5	5	9	9	13
10	$1\frac{31}{32}$	50	$1\frac{5}{8}$	42	1	25	5	5	8	8	11
$10\frac{1}{2}$	$2\frac{5}{64}$	53	$1\frac{3}{4}$	45	1	25	5	5	7	7	10
11	$2\frac{13}{64}$	56	$1\frac{7}{8}$	48	1	25	5	5	6	6	8
$11\frac{1}{2}$	$2\frac{15}{32}$	63	2	50	1	25	5	5	5	5	7
12	$2\frac{1}{2}$	64	$2\frac{1}{8}$	54	1	25	5	5	5	5	7
13	$2\frac{11}{16}$	68	$2\frac{9}{32}$	58	1	25	5	5	4	4	6
$13\frac{1}{2}$	$2\frac{31}{32}$	75	$2\frac{7}{16}$	62	$1\frac{3}{8}$	35	5	5	3	3	4
14	$3\frac{1}{2}$	90	3	75	$1\frac{1}{2}$	39	5	5	9 $\frac{1}{2}$ oz.	11 oz.	7 $\frac{3}{4}$ oz.
15	4	103	$3\frac{1}{4}$	83	$1\frac{1}{2}$	39	5	5	12 $\frac{1}{2}$ oz.	13 $\frac{1}{2}$ oz.	9 $\frac{3}{4}$ oz.
16	5	127	$3\frac{1}{2}$	90	2	50	5	5	21 $\frac{1}{4}$ oz.	23 $\frac{1}{2}$ oz.	17 $\frac{1}{2}$ oz.

Note: Dimensions subject to commercial tolerances.

Material Specifications of Laboratory Stoppers

Details	Rubber	Pure Gum	Neoprene
Color	Black	Tan	Light Green
Durometer, Shore A	48±5	40±5	45±5
Allowable Sulfur Content (max)	1/2 %	1/4 %	None

- Sulfur-Free Compounds are a special production run, per customer request.
- Custom-size holes can be drilled per your specification. Holes will be slightly tapered depending on the hole size, stopper size, and type of material.