



LIPPED TUBES:  
 CATALOG #'s:  
 3117-9500  
 -1000

NOT TO SCALE

SPECS ON BACK

**Confidential**

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**Nalge Company**

Nalgene Brand Products

A Subsidiary of Sybron Corporation  
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 Rochester, New York 14625

DATE	JGJ	APP'D	<i>[Signature]</i>	PSS 00-3117-XXXX-1	REV.
CR'D	<i>[Signature]</i>		4/6/95		0495

DESCRIPTION:

ROUND OPEN-TOP CENTRIFUGE TUBES

CATALOG NO.	NOMINAL CAPACITY, (mL)								MATERIAL
	3.5	6.5	12	15	16	38	50	100	
3117	3.5	6.5	12	15	16	38	50	100	PC

SIZE CODE.....:	-0035		-0065		-0120		-0150	
NOM. CAP. (mL).....:	3.5		6.5		12		15	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM
A (O.D.).....:	0.438 ±.005	11.13 ±.13	0.518 ±.007	13.16 ±.18	0.625 ±.007	15.88 ±.18	0.628 ±.007	15.95 ±.18
B (I.D. AT TOP).....:	0.330	8.38	0.419	10.64	0.525	13.34	0.530	13.46
H (HEIGHT).....:	3.13 ±.03	79.5 ±.8	3.88 ±.03	98.8 ±.8	4.06 ±.03	103.1 ±.8	4.48 ±.03	114.0 ±.8

SIZE CODE.....:	-0160		-0380		-0500	
NOM. CAP. (mL).....:	16		38		50	
	INCH	MM	INCH	MM	INCH	MM
A (O.D.).....:	0.706 ±.007	17.93 ±.18	0.996 ±.007	25.30 ±.18	1.134 ±.008	28.80 ±.20
B (I.D. AT TOP).....:	0.610	15.49	0.904	22.96	1.020	25.91
H (HEIGHT).....:	3.83 ±.03	98.8 ±.8	3.49 ±.03	88.6 ±.8	4.06 ±.03	103.1 ±.8

LIPPED TUBES				
SIZE CODE.....:	-9500		-1000	
NOM. CAP. (mL).....:	50		100	
	INCH	MM	INCH	MM
A (O.D.).....:	1.122 ±.008	28.50 ±.20	1.242 ±.008	31.55 ±.20
B (I.D. AT TOP).....:	1.037	26.34	1.140	28.96
H (HEIGHT).....:	4.18 ±.03	106.2 ±.8	6.47 ±.04	164.3 ±1.0
C (LIP DIA).....:	1.24	31.5	1.33	33.8
D (LIP THICKNESS).....:	0.05	1.3	0.05	1.3

2. This is not a production drawing, but is for informational purposes only.

1. All dimensions are nominal and in inches and millimeters unless otherwise noted.