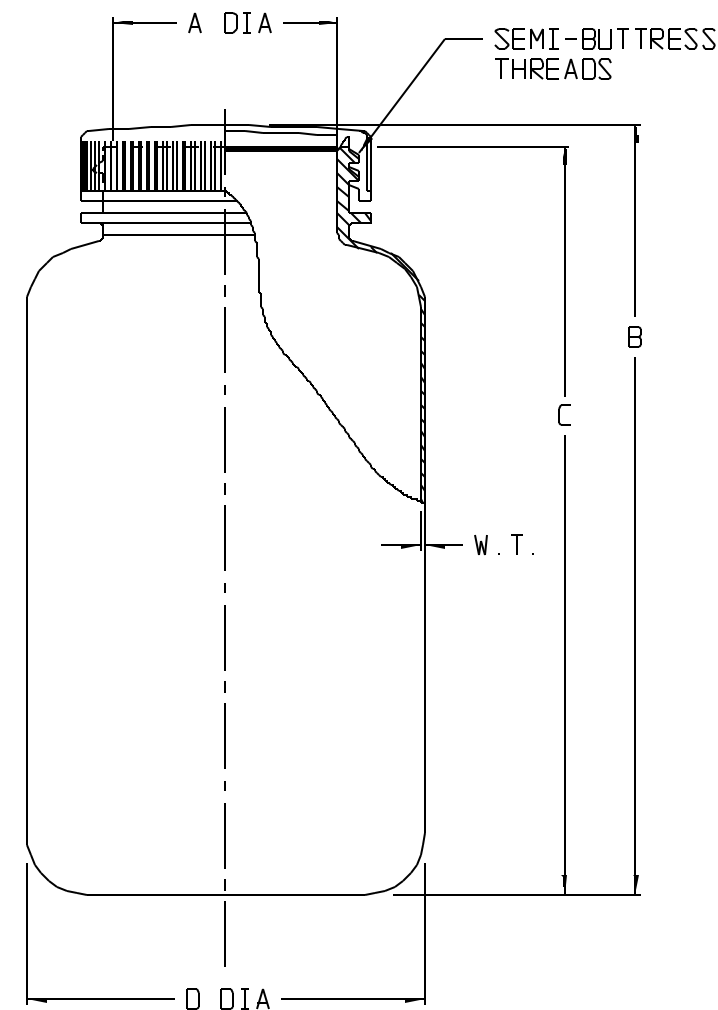


CATALOG NO.	NOMINAL CAPACITY, (oz)						MATERIALS	
							BOTTLE	CLOSURE
312103	1	2	4	8	16	32	LDPE	PP
312104	1	2	4	8	16	32	HDPE	PP
312105	1	2	4	8	16	32	PP	PP
312106	1	2	4	8	16	32	OPAQUE AMBER HDPE	OPAQUE AMBER PP

SIZE CODE.....	-0001		-0002		-0004	
SIZE (NOM VOL mL/oz)	30/1		60/2		125/4	
NOM. BRIM CAP. (mL)	38		70		150	
NECK FINISH (mm)....	28-415		28-415		38-415	
THREAD (T.P.I.).....	6		6		6	
NOM. WEIGHT W/CLOSURE (gms).....	11		15		25	
	INCHES	MM	INCHES	MM	INCHES	MM
A (NECK I.D.).....	0.83 ± 0.02	21.1 ± 0.5	0.83 ± 0.02	21.1 ± 0.5	1.110 ± 0.025	28.2 ± 0.6
B (HT. W/CLOSURE)...	2.49 ± 0.07	63.2 ± 1.8	3.39 ± 0.08	86.1 ± 2.0	3.91 ± 0.08	99.3 ± 2.0
C (HT. W/O CLOSURE):	2.35 ± 0.07	59.7 ± 1.8	3.26 ± 0.08	82.8 ± 2.0	3.76 ± 0.08	95.5 ± 2.0
D (DIA).....	1.35 ± 0.05	34.3 ± 1.3	1.53 ± 0.05	38.9 ± 1.5	1.98 ± 0.05	50.3 ± 1.5
W.T.(NOM. WALL THK):	0.035	0.9	0.040	1.0	0.045	(..)

SIZE CODE.....	-0008		-0016		-0032	
SIZE (NOM VOL mL/oz)	250/8		500/16		1000/32	
NOM. BRIM CAP. (mL)	290		550		1100	
NECK FINISH (mm)....	43-415		53-415		63-415	
THREAD (T.P.I.).....	6		6		6	
NOM. WEIGHT W/CLOSURE (gms).....	36		62		110	
	INCHES	MM	INCHES	MM	INCHES	MM
A (NECK I.D.).....	1.300 ± 0.025	33.0 ± 0.6	1.720 ± 0.025	43.7 ± 0.6	2.07 ± 0.03	52.8 ± 0.8
B (HT. W/CLOSURE)...	5.16 ± 0.08	131.1 ± 2.0	6.62 ± 0.09	168.2 ± 2.3	7.84 ± 0.10	199.1 ± 2.5
C (HT. W/O CLOSURE):	5.01 ± 0.08	127.3 ± 2.0	6.45 ± 0.09	163.8 ± 2.3	7.67 ± 0.10	194.8 ± 2.5
D (DIA).....	2.40 ± 0.07	61.0 ± 1.8	2.86 ± 0.08	72.6 ± 2.0	3.60 ± 0.08	91.4 ± 2.0
W.T.(NOM. WALL THK):	0.050	1.3	0.060	1.5	0.060	1.5



SPECS ON BACK

NOT TO SCALE

NOTES:

1. ALL DIMENSIONS ARE NOMINAL AND IN INCHES AND MILLIMETERS UNLESS OTHERWISE NOTED.
2. THIS IS NOT A PRODUCTION DRAWING, BUT IS FOR INFORMATIONAL PURPOSES ONLY, AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

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ThermoFisher
SCIENTIFIC

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MADE MCC/J00	APP'D GRP	PSS 31-210X-XXXX-2	REV. 0307
CHK'D HP 3/1/07	3/1/07		
DESCRIPTION:		WIDE-MOUTH, ROUND LAB QUALITY BOTTLES	