

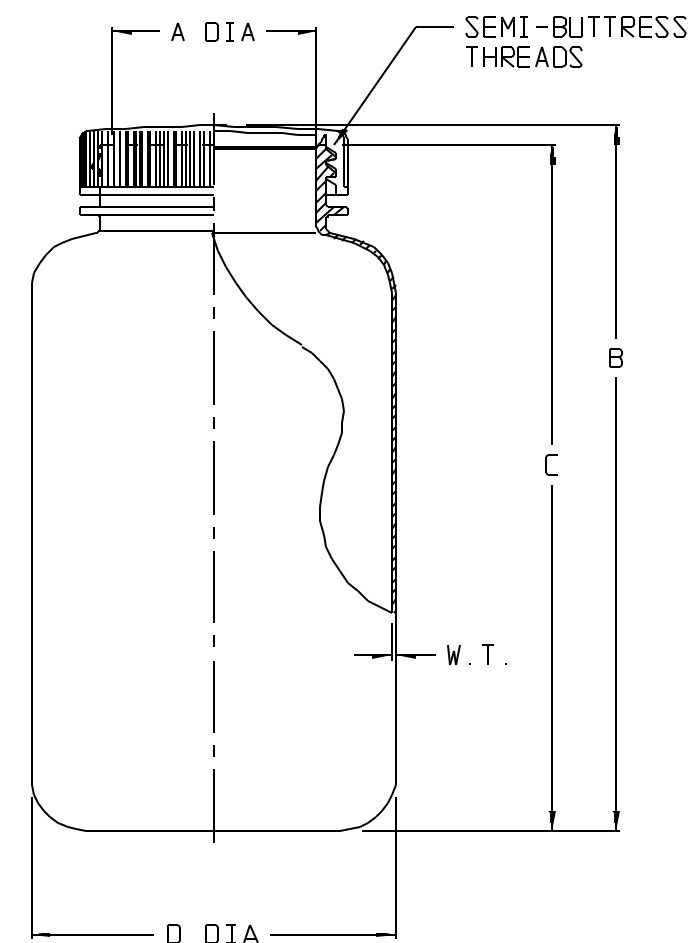
CATALOG NO.	NOMINAL CAPACITY, (oz)	MATERIALS	
		BOTTLE	CLOSURE
312189-0001	1	HDPE	PP
312189-0002	2	HDPE	PP
312189-0004 (669700-0010)	4	HDPE	PP
312189-0008 (669700-0011)	8	HDPE	PP
312189-0016 (669700-0012)	16	HDPE	PP
312189-0032	32	HDPE	PP

SIZE CODE.....	-0001		-0002		-0004	
SIZE (NOM VOL nL/oz)	30/ 1		60/ 2		125/ 4	
NOM. BRIM CAP. (nL)	38 ±2.5		70 ±3.5		150 ±5.0	
NECK FINISH (nn)...	28-415		28-415		38-415	
THREAD (T.P.I.)....	6		6		8	
NOM. WEIGHT W/CLOSURE (gns)....	11		15		21	
	INCH	MM	INCH	MM	INCH	MM
A (NECK I.D.).....	0.83 ±0.02	21.1 ±0.5	0.83 ±0.02	21.1 ±0.5	1.100 ±.025	27.94 ±0.64
B (HT. W/CLOSURE)...	2.49 ±0.05	63.2 ±1.3	3.39 ±0.08	86.1 ±2.0	3.95 ±.05	100.3 ±1.3
C (HT. W/O CLOSURE):	2.35 ±.05	59.7 ±1.3	3.26 ±.08	82.8 ±2.0	3.77 ±.05	95.8 ±1.3
D (DIA).....	1.35 ±0.05	34.3 ±1.3	1.53 ±0.06	38.9 ±1.5	1.98 ±.05	50.3 ±1.3
W.T.(NOM. WALL THK):	0.035	0.89	0.040	1.00	0.030	0.76

SIZE CODE.....	-0008		-0016		-0032	
SIZE (NOM VOL nL/oz)	250/ 8		500/ 16		1000/ 32	
NOM. BRIM CAP. (nL)	300 ±9.0		566 ±13.0		1088 ±15.0	
NECK FINISH (nn)...	43-415		53-415		63-415	
THREAD (T.P.I.)....	6		6		6	
NOM. WEIGHT W/CLOSURE (gns)....	32		57		89	
	INCH	MM	INCH	MM	INCH	MM
A (NECK I.D.).....	1.300 ±.025	33.02 ±0.64	1.695 ±.025	43.05 ±0.64	2.04 ±.03	51.8 ±0.8
B (HT. W/CLOSURE)...	5.21 ±.05	132.3 ±1.3	6.66 ±.06	169.2 ±1.5	7.90 ±.06	200.7 ±1.5
C (HT. W/O CLOSURE):	5.04 ±.05	128.0 ±1.3	6.47 ±.06	164.3 ±1.5	7.67 ±.06	194.8 ±1.5
D (DIA).....	2.39 ±.06	60.7 ±1.5	2.85 ±.06	72.4 ±1.5	3.60 ±.06	91.4 ±1.5
W.T.(NOM. WALL THK):	0.030	0.76	0.035	0.89	0.035	0.89

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.



SPECS ON BACK

NOT TO SCALE

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ThermoFisher
SCIENTIFIC

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MADE	DM	APP'D	GRP	PSS 31-2189-XXXX-S	REV.
CK'D	DM		12/18/06		1106
DESCRIPTION:				WIDE-MOUTH, ROUND PACKAGING BOTTLES	