

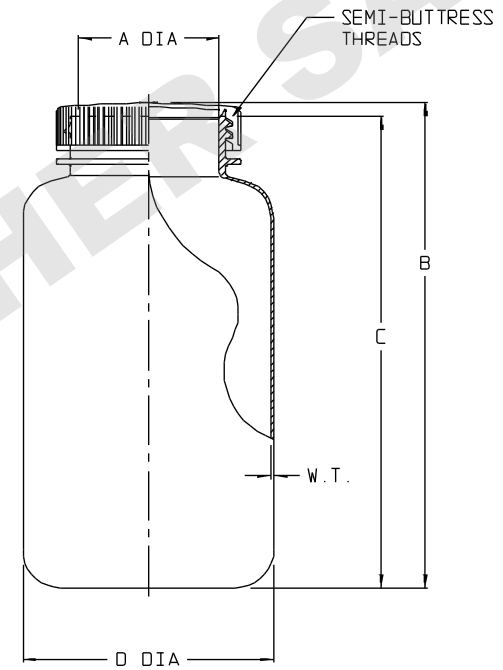
CATALOG NO.	NOMINAL CAPACITY, (oz)						MATERIALS	
							BOTTLE	CLOSURE
312187	1	2	4	8	16	32	PPCO	PP
312189	1	2	4	8	16	32	HDPE	PP

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			20		
	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	1.110 ± 0.025	28.19 ± 0.64	
B (HT. W/CLOSURE)...	2.49 ± 0.07	63.2 ± 1.8	3.39 ± 0.08	86.1 ± 2.0	3.92 ± 0.08	99.6 ± 2.0	
C (HT. W/O CLOSURE):	2.35 ± 0.07	59.7 ± 1.8	3.26 ± 0.08	82.8 ± 2.0	3.78 ± 0.08	96.0 ± 2.0	
D (DIA).....	1.35 ± 0.05	34.3 ± 1.3	1.53 ± 0.06	38.9 ± 1.5	1.99 ± 0.06	50.5 ± 1.5	
W.T. (NOM WALL THK):	0.035	0.90	0.040	1.00	0.030	0.76	

SIZE CODE.....	-0008	-0016			-0032		
SIZE (NOM VOL mL/oz)	250/ 8	500/ 16			1000/ 32		
NOM. BRIM CAP. (mL)	300	575			1090		
NECK FINISH (mm)...	43-415	53-415			63-415		
THREAD (T.P.I.).....	6	6			6		
NOM. WEIGHT W/CLOSURE (gms).....	30	55			86		
	INCH	MM	INCH	MM	INCH	MM	
A (NECK I.D.).....	1.300 ± 0.025	33.02 ± 0.64	1.720 ± 0.025	43.69 ± 0.64	2.06 ± 0.03	52.3 ± 0.8	
B (HT. W/CLOSURE)...	5.16 ± 0.08	131.1 ± 2.0	6.62 ± 0.09	168.1 ± 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	2.87 ± 0.08	72.9 ± 2.0	3.60 ± 0.08	91.4 ± 2.0	
W.T. (NOM WALL THK):	0.030	0.76	0.035	0.90	0.035	0.90	

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

Thermo Fisher Scientific
75 Ponorona Creek Drive
Rochester, NY 14625-2385, USA

MADE	MG/JD	APP'D	BR	PSS 31-218X-XXXX-2	REV.	0508
CHK'D	JD		5/16/08			

DESCRIPTION:
WIDE MOUTH, ROUND
PACKAGING BOTTLES