

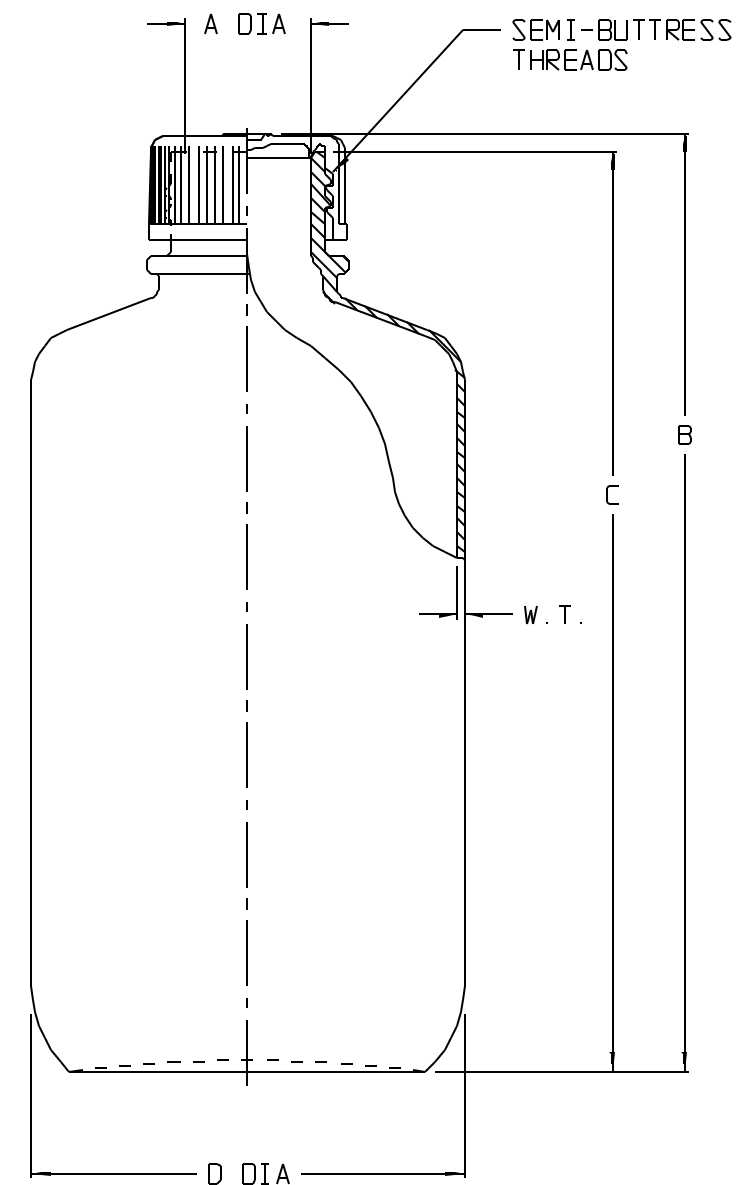
CATALOG NO.	NOMINAL CAPACITY, (oz)	MATERIALS	
		BOTTLE	CLOSURE
312002-9050	1/2	HDPE	PP
312004-9050	1/2	DPQ AMB HDPE	DPQ AMB PP
312085-0008	8	DPQ AMB HDPE	DPQ AMB PP
312089-0001	1	HDPE	PP
312089-0002	2	HDPE	PP
312089-0004	4	HDPE	PP
312089-0016	16	HDPE	PP

SIZE CODE	-9050	-9050	-0008	-0001				
SIZE (NOM VOL mL/oz)	15 / 1/2	15 / 1/2	250/8	30/1				
NOM. BRIM CAP. (mL)	18	18	289	34				
NECK FINISH (mm)	20-415	20-415	24-415	20-415				
THREAD (T.P.I.)	8	8	8	8				
NOM. WEIGHT W/CLOSURE (gms)	7	7	26	8				
	INCH	MM	INCH	MM	INCH	MM	INCH	MM
A (NECK I.D.)	0.54 ± 0.02	13.7 ± 0.5	0.54 ± 0.02	13.7 ± 0.5	0.69 ± 0.02	17.5 ± 0.5	0.54 ± 0.02	13.7 ± 0.5
B (HT. W/CLOSURE)	2.30 ± 0.06	58.4 ± 1.5	2.30 ± 0.06	58.4 ± 1.5	5.23 ± 0.08	132.8 ± 2.0	2.40 ± 0.07	61.0 ± 1.8
C (HT. W/O CLOSURE)	2.20 ± 0.06	55.9 ± 1.5	2.20 ± 0.06	55.9 ± 1.5	5.14 ± 0.08	130.6 ± 2.0	2.30 ± 0.07	58.4 ± 1.8
D (DIA)	0.98 ± 0.04	24.9 ± 1.0	0.98 ± 0.04	24.9 ± 1.0	2.40 ± 0.07	61.0 ± 1.8	1.35 ± 0.05	34.3 ± 1.3
W.T. (NOM. WALL THK)	0.045	1.14	0.045	1.14	0.030	0.76	0.035	0.90
MINIMUM WALL THK	0.010	0.25	0.012	0.25	0.013	0.33	0.010	0.25

SIZE CODE	-0002	-0004	-0016			
SIZE (NOM VOL mL/oz)	60/2	125/4	500/16			
NOM. BRIM CAP. (mL)	63	143	555			
NECK FINISH (mm)	20-415	24-415	28-415			
THREAD (T.P.I.)	8	8	6			
NOM. WEIGHT W/CLOSURE (gms)	12	16	40			
	INCH	MM	INCH	MM	INCH	MM
A (NECK I.D.)	0.54 ± 0.02	13.7 ± 0.5	0.69 ± 0.02	17.5 ± 0.5	0.84 ± 0.02	21.3 ± 0.5
B (HT. W/CLOSURE)	3.36 ± 0.08	85.3 ± 2.0	3.97 ± 0.08	100.8 ± 2.0	6.73 ± 0.09	170.9 ± 2.3
C (HT. W/O CLOSURE)	3.25 ± 0.08	82.6 ± 2.0	3.87 ± 0.08	98.3 ± 2.0	6.61 ± 0.09	167.9 ± 2.3
D (DIA)	1.52 ± 0.06	38.6 ± 1.5	1.99 ± 0.06	50.5 ± 1.5	2.87 ± 0.08	72.9 ± 2.0
W.T. (NOM. WALL THK)	0.035	0.90	0.030	0.76	0.040	1.02
MINIMUM WALL THK	0.015	0.38	0.010	0.25	0.015	0.38

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

CONFIDENTIAL

THIS PRODUCT SPECIFICATION SHEET CONTAINS CONFIDENTIAL AND/OR PROPRIETARY INFORMATION AND IS TO BE USED ONLY FOR THE EXPRESSED PURPOSES AGREED UPON BY AN AUTHORIZED OFFICER OF THERMO FISHER SCIENTIFIC.

ThermoFisher
SCIENTIFIC

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

MADE	TL	APP'D	PSS 31-20XX-00XX-S	REV.
CK'D	DM	GRP		1109

DESCRIPTION:
ROUND NARROW MOUTH
LAB QUALITY BOTTLES