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ILLING[™]
P A C K A G I N G

Product Specification Sheet

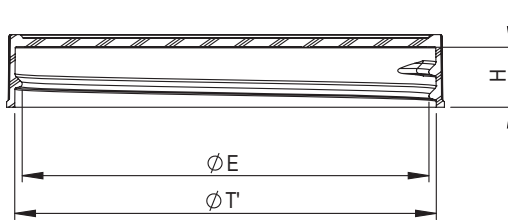
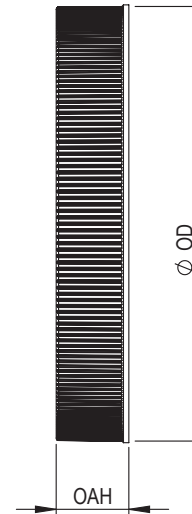
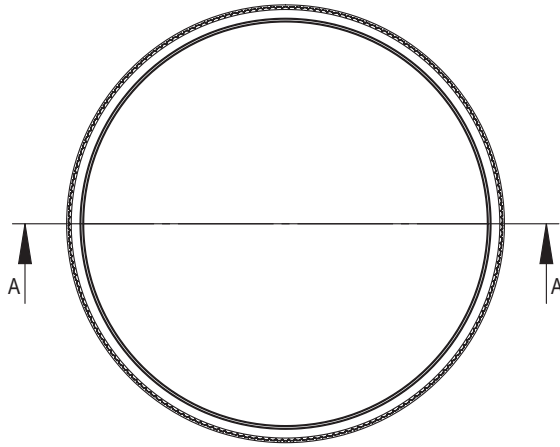
Illing Part#

3611BRSMT

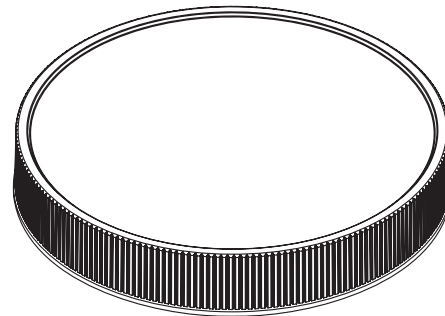
89-400 BLACK PP RIBBED SIDES MATTE TOP CAP W-F217.035 PL LP LINER

Part #: 3611BRSMT

Size:	89-400
Color:	BLACK
Material:	PP
Style:	RIBBED SIDES MATTE TOP CA
Additional Info:	F217.035 PL LP LINER
Case Pack:	580 / EACH
Pallet Pack:	16,240 / EACH



SECTION A-A



STATIC TORQUE RECOMMENDATION: 40-70 in-lbs
REQUIREMENT. MAY VARY DEPENDING UPON CONTAINER MATERIAL,
NECK FINISH, AND CAPPING EQUIPMENT

DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS
AND NO TOLERANCE LIMITS ARE ESTABLISHED

DIMENSIONS PRECEDED BY AN *** INDICATE THE DIMENSION IS
PROCESS SENSITIVE. PROCESS SENSITIVE DIMENSIONS ARE
VERIFIED TO BE WITHIN THE TOLERANCE LIMITS DURING THE
PRODUCTION RUN. ALL REMAINING DIMENSIONS ARE VERIFIED AT
PRODUCTION VALIDATION.

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THE PART DIMENSIONS DEPICTED ARE THOSE WHICH HAVE GENERALLY BEEN FOUND TO BE FUNCTIONAL BASED ON INDUSTRY EXPERIENCE.
BECAUSE OF VARIABILITY IN CONTAINER FINISHES, EACH CLOSURE/FINISH SYSTEM SHOULD BE INDIVIDUALLY EVALUATED AND TESTED TO
ENSURE IT MEETS APPLICABLE PERFORMANCE CRITERIA.

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REFERENCE	DIMENSION	TOLERANCE	UNITS
T	3.528 [89.61]	±0.010 [0.25]	in [mm]
E	3.405 [86.49]	±0.010 [0.25]	in [mm]
H	0.502 [12.75]	±0.010 [0.25]	in [mm]
OAH	0.608 [15.44]	±0.010 [0.25]	in [mm]
OD	3.644 [92.56]	±0.012 [0.30]	in [mm]
PART WEIGHT	13.3	± 2.5	g

THREAD DETAIL: 5 THREADS PER INCH 0.200" [5.08] PITCH 380° FULL DEPTH THREADS



DRAWING TITLE:
89-400 CT CLOSURE
RM (Ribbed-Matted-Stacking)

MATERIAL: POLYPROPYLENE

DRAWING TYPE: CUSTOMER DISTRIBUTION CODE: D

REPLACES DRAWINGS: C-4017

MODEL NUMBER: PM 10407 89-400 CT

DRAWN BY:	DAS	10/5/2016	DWG SIZE:	8.5" x 11"	DRAWING NUMBER:	REVISION:
ENG APPR:	BDG	8/25/2022	SCALE:	SHEET:	CQA-10408	00.AD
QA APPR:	TEM	08/25/2022	3/4 & NOTED	1 OF 3		

Represented by



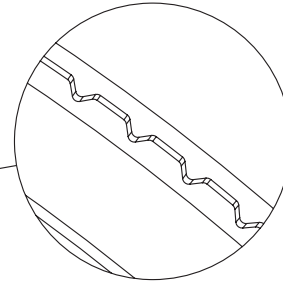
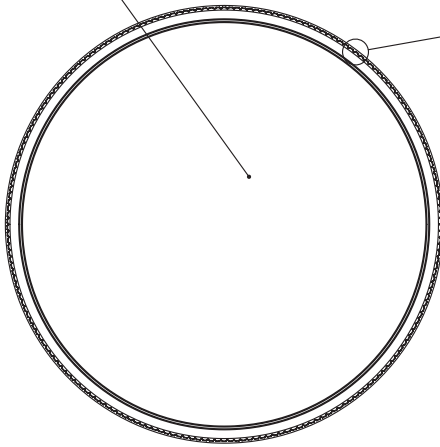
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Product Specification Sheet

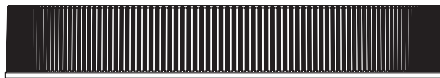
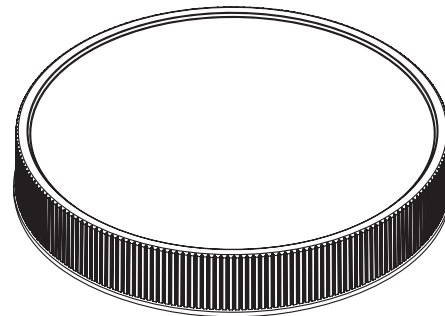
Illing Part#

3611BRSMT

MATTE
FINISH



SCALE 8 : 1
210 EQUISPACED RIBS



GATE
LOCATION

DIMENSIONS ENCLOSED IN () INDICATE
REFERENCE DIMENSIONS AND NO
TOLERANCE LIMITS ARE ESTABLISHED

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REVISIONS

DATE	REV.	N/P	DESCRIPTION	ENG	DRW
10/06/2016	00	AA	UPDATED DRAWING FORMAT - REFER TO C-1017 FOR REVISION HISTORY	JDM	JDM
08/17/2018	00	AB	ADDED GATE LOCATION	BDG	DAS
12/17/2019	00	AC	CORRECTED STACK RING ON PRODUCT MODEL	BDG	BDG
08/24/2023	00	AD	UPDATED DRAWING FORMAT AND LOGO	BDG	BDG

REVISION HISTORY

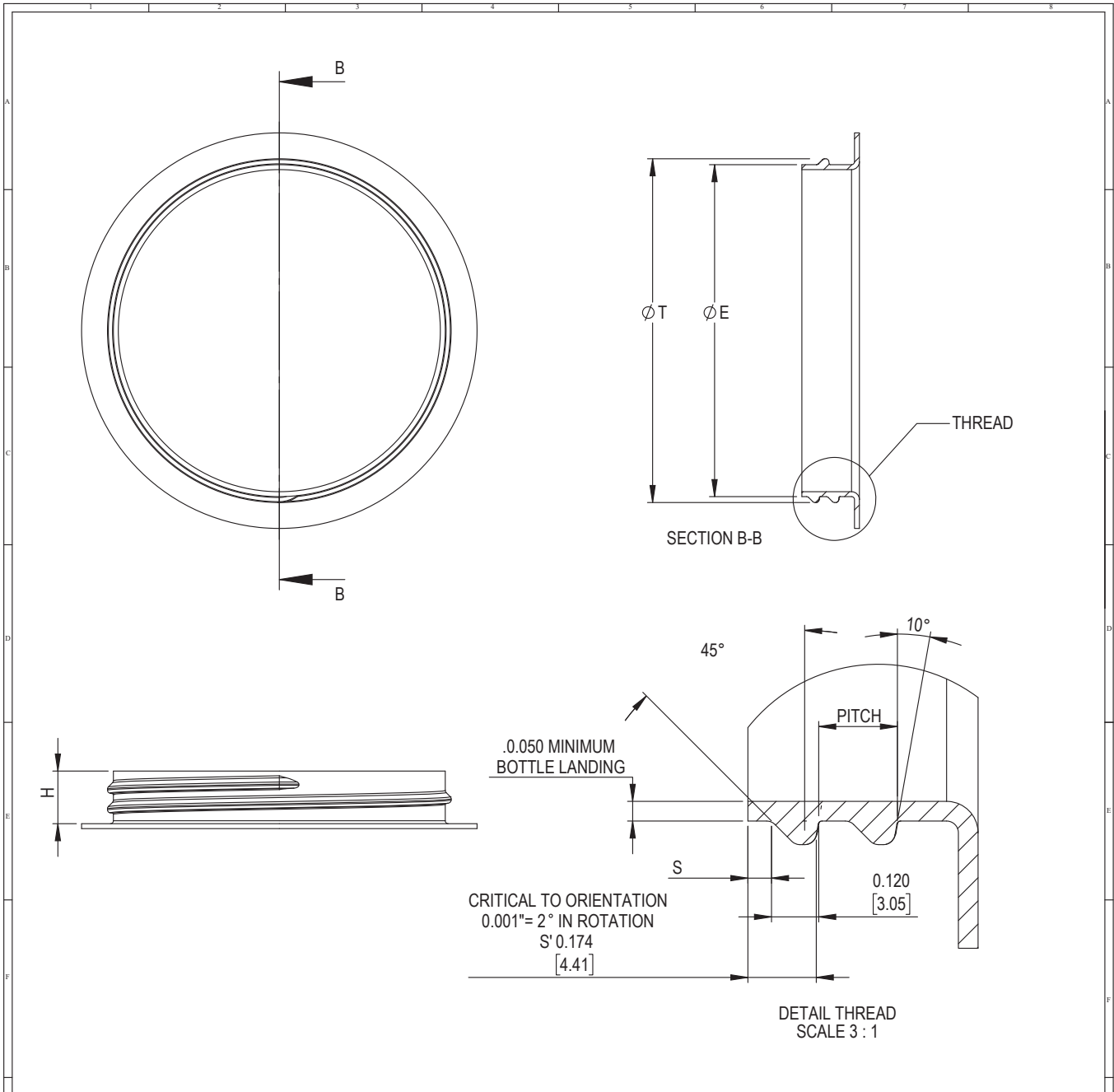
REVISIONS: REV: A PHYSICAL CHANGE TO THE PART IMPACTING FIT, FORM OR FUNCTION
N/P: DRAWING OR SPECIFICATION CHANGE ONLY



DRAWING TITLE:
89-400 CT CLOSURE
RM (Ribbed-Matted-Stacking)

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DRAWING TYPE: CUSTOMER	DISTRIBUTION CODE: D
DWG SIZE: 8.5" x 11"	DRAWING NUMBER: CQA-10408
SCALE: 3/4 & NOTED	SHEET: 2 OF 3
REVISION:	00.AD



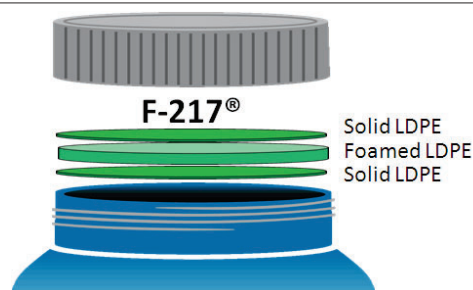
RECOMMENDED NECK FINISH IS DETERMINED FOR PROPER FUNCTIONAL PERFORMANCE WITH MOLD-RITE CLOSURE. USE OF MOLD-RITE CLOSURE WITH CONTAINER NOT MATCHING RECOMMENDED NECK FINISH SHOULD BE TESTED AND CONFIRMED FOR APPLICATION BY THE USER.	REFERENCE	DIMENSION	TOLERANCE	UNITS
	E	3.374 [85.70]	±0.017[0.43]	in [mm]
NOMINAL ORIENTATION OF CLOSURE (IF INDICATED) IS BASED ON NOMINAL DIMENSIONS OF BOTH CLOSURE AND RECOMMENDED NECK FINISH. FOR EXACT ORIENTATION, EACH CONTAINER SHOULD BE EVALUATED ON A CASE BY CASE BASIS.	T	3.494 [88.75]	±0.017[0.43]	in [mm]
	S	0.060 [1.52]	±0.015[0.38]	in [mm]
DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED	H	0.535 [13.59]	±0.015[0.38]	in [mm]
	PITCH	0.200		in [mm]
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	SCALE: 3/4 & NOTED SHEET: 3 OF 3 CQA-10408 00.AD			



DRAWING TITLE:
89-400 CT CLOSURE
RM (Ribbed-Matted-Stacking)
RECOMMENDED NECK FINISH


TRI-SEALTM PRODUCT DATA SHEET


- This data sheet describes F-217® products
- This product is a three-ply co-extruded liner consisting of a foamed Low Density Polyethylene (LDPE) core sandwiched between two layers of solid Low Density Polyethylene



MRP Description - (024)F217.035 PL

Typical Product Attributes
Construction

Structure	Solid LDPE / Foamed LDPE / Solid LDPE	Solid LDPE / Foamed LDPE / Solid LDPE
Color	White or as Specified	White or as Specified
Density		
for 20 ~ 30 mil (0,51 ~ 0,76 mm)	0,48 ± 0,03 g / cm ³	30 ± 2 lbs / ft ³
for 35 ~ 125 mil (0,89 ~ 3,18 mm)	0,40 ± 0,03 g / cm ³	25 ± 2 lbs / ft ³
Thickness Tolerance		
for 20 ~ 60 mil (0,51 ~ 1,52 mm)	± 0,127 mm	± 5 mil
for 65 ~ 90 mil (1,65 ~ 2,29 mm)	± 0,178 mm	± 7 mil
for 95 ~ 125 mil (2,41 ~ 3,18 mm)	± 0,254 mm	± 10 mil
Available Width		
for 20 ~ 60 mil (0,51 ~ 1,52 mm)	22,2 ~ 1016,0 mm	7/8 ~ 40 inch
for 65 ~ 125 mil (1,65 ~ 3,18 mm)	25,4 ~ 228,6 mm	1 ~ 9 inch
Width tolerance	± 1,6 mm	± 1/16 inch

Regulatory Compliance

FDA Compliance	21 CFR 177.1520 (Olefin Polymers) 21 CFR 177.1210 (Closures with Sealing Gaskets for Food Containers) 21 CFR 175.300 (Resinous and Polymeric Coatings)
Drug Master File (DMF)	2434
Other Compliances	USFDA Food Allergen Guidelines; California Proposition 65 Labeling Requirements; Limitations of Heavy Metals in Packaging per CONEG & EU 94/62/EC, Article 11

 Original Date: 08/05/1997
 Revised Date: 01/31/2011
 Revision Number: 5
 Revised by SR

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