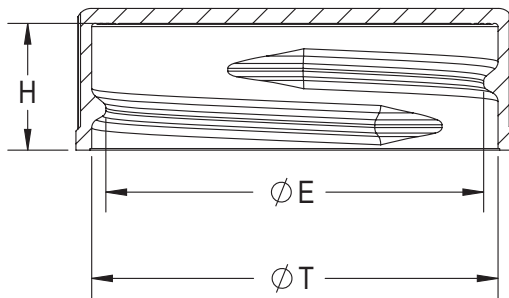
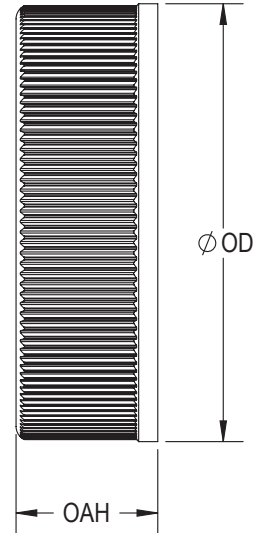
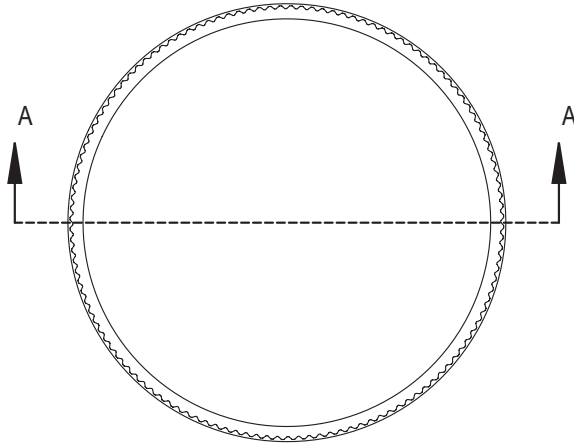




33-400 WHT PP RIBBED SIDE SMOOTH TOP CAP F217 FOAM LINER

Part #: 3659

Size:	33-400 NECK
Color:	WHITE
Material:	PP
Style:	RIBBED SIDE; SMOOTH TOP CAP
Additional Info:	WITH F217 LINER
Case Pack:	4000 / EACH
Pallet Pack:	140,000 / EACH



SECTION A-A
SCALE 2 : 1

THREAD DETAIL INFORMATION:
6 THREADS PER INCH, 0.167" PITCH

REFERENCE	TOLERANCE	UNITS	DIMENSION
E	±0.010 [0.25]	in [mm]	1.182 [30.02]
T	±0.010 [0.25]	in [mm]	1.276 [32.41]
H	±0.010 [0.25]	in [mm]	0.398 [10.11]
OAH	±0.010 [0.25]	in [mm]	0.445 [11.3]
OD	±0.010 [0.25]	in [mm]	1.375 [34.93]
PART WEIGHT	±0.30	g	2.10

STATIC TORQUE RECOMMENDATION
15-25 in-lbs
THIS REQUIREMENT MAY VARY DEPENDING
UPON BOTTLE MATERIAL, NECK FINISH, AND
CAPPING EQUIPMENT

THE CLOSURE DIMENSIONS
DEPICTED ARE THOSE WHICH HAVE GENERALLY BEEN
FOUND TO BE FUNCTIONAL BASED ON INDUSTRY
EXPERIENCE BECAUSE OF VARIABILITY IN GLASS AND
PLASTIC CONTAINER FINISHES. EACH CLOSURE/FINISH
SYSTEM SHOULD BE INDIVIDUALLY EVALUATED AND
TESTED TO ENSURE IT MEETS APPLICABLE
PERFORMANCE CRITERIA. SEE QUALITY ASSURANCE
SPECIFICATIONS FOR ADDITIONAL INFORMATION.

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SPECIFICATIONS AND REQUIREMENTS.

DRAWING TYPE : CUSTOMER

REPLACES DRAWINGS:
C-3007

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

TOLERANCES UNLESS OTHERWISE SPECIFIED

DIMENSION (inches)	TOLERANCE	DIMENSION (mm)	TOLERANCE
0-0.787	±0.006	0-20	±0.152
0.788-1.181	±0.008	21-30	±0.203
1.182-2.756	±0.012	31-70	±0.305
2.757-3.937	±0.016	71-100	±0.406
3.938-5.096	±0.020	101-150	±0.508
5.097-7.874	±0.024	151-200	±0.610
7.875-9.843	±0.032	201-250	±0.813

ANGULAR TOLERANCE ± 2°

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DISTRIBUTION
CODE
D

DRAWING NAME
33-400 CT
RS (RIBBED SIDES, SMOOTH TOP)
DRAWING NUMBER
CQA - 10040

DRAWN BY: DAS 4/6/2017
ENG APPR: CAN 3/20/2020
QA APPR: DMG 03/24/2020

MATERIAL
POLYPROPYLENE
MODEL NUMBER:
PM 10674 33-400 CT
SCALE
1:1
SHEET SIZE
8.5in*11in
SHEET
1 of 3
REV.NP
00.AB

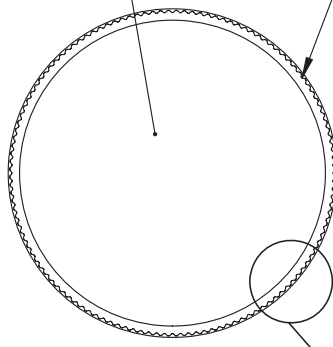


REVISIONS

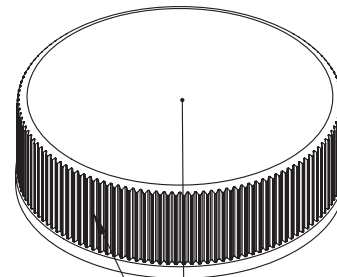
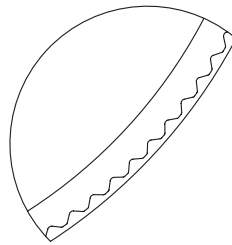
DATE	REV	N/P	PRODUCT DRAWING REQUEST	DESCRIPTION	ENG	DRW
04/03/2017	00	AA	17-019	UPDATED DRAWING FORMAT	BDG	DAS
3/19/2020	00	AB		UPDATED RNF H TO 0.408 MINIMUM	CAN	CAN

SMOOTH TOP

RIBBED SIDES



RIBS


 OPTIONAL GATE LOCATION
 (SEE TABLE BELOW)

 DETAIL RIBS
 SCALE 5 : 1

MOLD NUMBER	GATE LOCATION
33001	SIDE
33003	SIDE
33010	SIDE
33014	TOP CENTER

DRAWING TYPE : CUSTOMER

 REFERENCES:
 33001, 33003, 33010, 33014

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

TOLERANCES UNLESS OTHERWISE SPECIFIED

DIMENSION (inches)	TOLERANCE	DIMENSION (mm)	TOLERANCE
0-0.787	±0.006	0-20	±0.152
0.788-1.181	±0.008	21-30	±0.203
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2.757-3.937	±0.016	71-100	±0.406
3.938-5.096	±0.020	101-150	±0.508
5.097-7.874	±0.024	151-200	±0.610
7.875-9.843	±0.032	201-250	±0.813

ANGULAR TOLERANCE ± 2°

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SOLIDWORKS

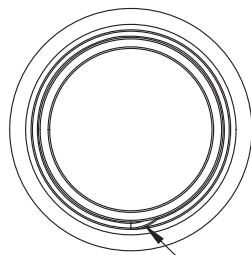
 DISTRIBUTION
 CODE
D

 DRAWING NAME
 33-400 CT
 RS (RIBBED SIDES, SMOOTH TOP)
DRAWING NUMBER
CQA - 10040MATERIAL
POLYPROPYLENEMODEL NUMBER:
PM 10674 33-400 CT

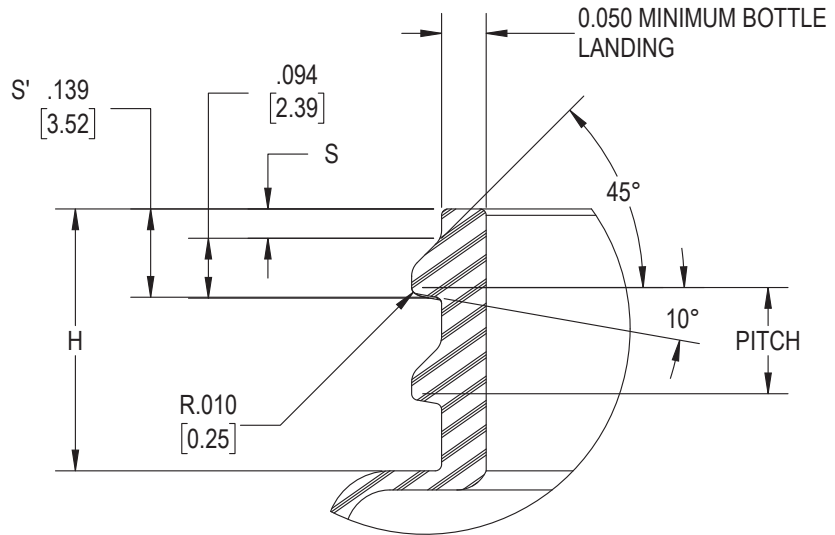
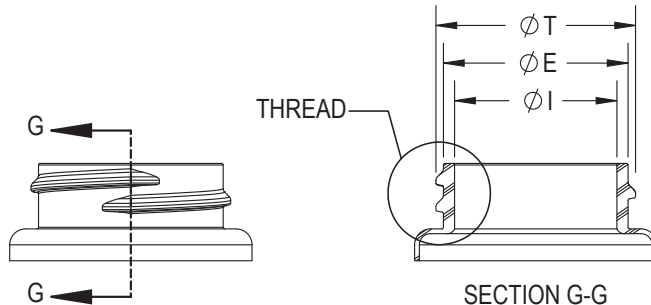
SCALE	SHEET SIZE	SHEET	REV.NP
3:2	8.5 X 11	2 of 3	00.AB

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THREAD START


 DETAIL THREAD
 SCALE 4 : 1


SECTION G-G

REFERENCE	TOLERANCE	UNITS	DIMENSION
E	±0.012 [0.30]	in [mm]	1.159 [29.44]
T	±0.012 [0.30]	in [mm]	1.253 [31.83]
I	MINIMUM	in [mm]	0.791 [20.09]
S	±0.015 [0.38]	in [mm]	0.046 [1.17]
H	MINIMUM	in [mm]	0.408 [10.36]
PITCH		in [mm]	0.167
TPI			6

NOTE: THE NOMINAL ORIENTATION ILLUSTRATED IS BASED ON NOMINAL DIMENSIONS OF BOTH THE CLOSURE AND THE RECOMMENDED NECK FINISH. FOR EXACT ORIENTATION EACH BOTTLE SHOULD BE EVALUATED ON A CASE BY CASE BASIS.

DRAWING TYPE : CUSTOMER

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

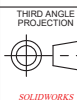
TOLERANCES UNLESS OTHERWISE SPECIFIED

DIMENSION (inches)	TOLERANCE	DIMENSION (mm)	TOLERANCE
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7.875-9.843	±0.032	201-250	±0.813

ANGULAR TOLERANCE ± 2°

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 DISTRIBUTION
 CODE
D

 DRAWING NAME
 33-400 CT
 RECOMMENDED NECK FINISH
 DRAWING NUMBER
 CQA - 10040

DRAWN BY: DAS 4/6/2017

ENG APPR: CAN 3/20/2020

QA APPR: DMG 03/24/2020

MATERIAL

MODEL NUMBER:

SCALE

SHEET SIZE

SHEET

REV/N/P

1:1

8.5 X 11

3 of 3

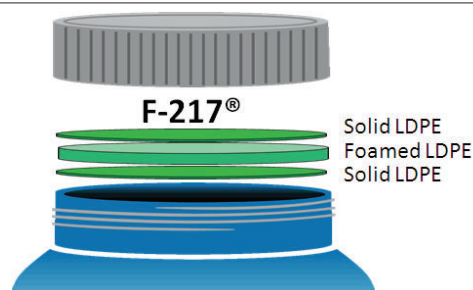
00.AB

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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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