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Product Specification Sheet

Illing Part#

3611BPPL

89-400 BLK HS FOAM LINED PP RS MATTE TOP CT CAP

Part #: 3611BPPL

Size:	89-400
Color:	BLACK
Material:	POLYPROPYLENE
Style:	RIBBED SIDE WITH MATTE TOP CT CAP
Additional Info:	HEAT SEALED FOAM LINER SFYP
Case Pack:	580/EACH
Pallet Pack:	16,240/EACH



www.illingpackaging.com

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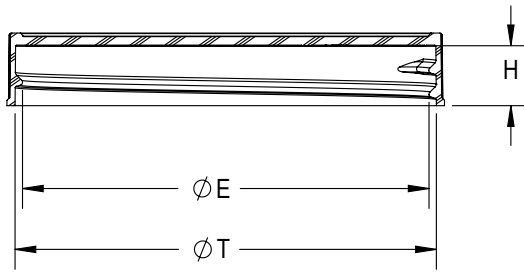
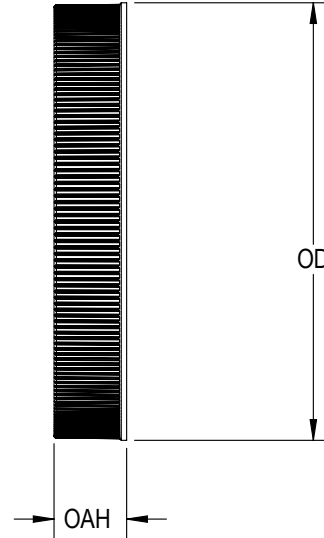
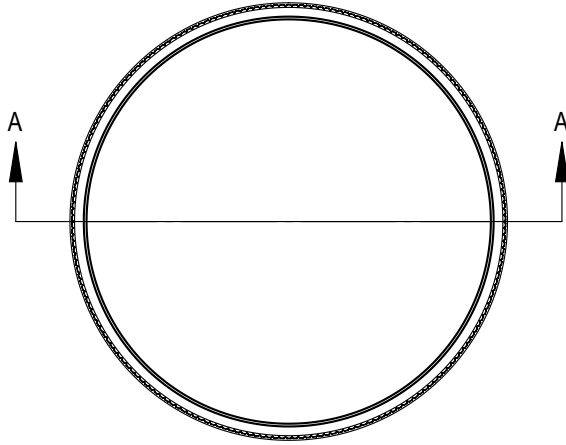


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SECTION A-A

THREAD DETAIL INFORMATION 5 THREADS PER INCH, 0.200 PITCH

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

STATIC TORQUE RECOMMENDATION
40-70 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.

MOLD-RITE, WEATHERCHEM AND STULL TECHNOLOGIES
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DRAWING TYPE : CUSTOMER

REPLACES DRAWINGS:
C-4017

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°

PROPRIETARY AND CONFIDENTIAL

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THIRD ANGLE
PROJECTION
D

DISTRIBUTION
CODE

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

DRAWING NUMBER
CQA - 10408

MATERIAL
POLYPROPYLENE

MODEL NUMBER:
PM 10407 89-400 CT

SCALE
3:4

SHEET SIZE
8.5" X 11"

SHEET
1 of 3

REV.NP
00.AC

DRAWN BY. DAS

ENG APPR. BDG

QA APPR. REL

DATE 10/5/2016

DATE 11/12/2018

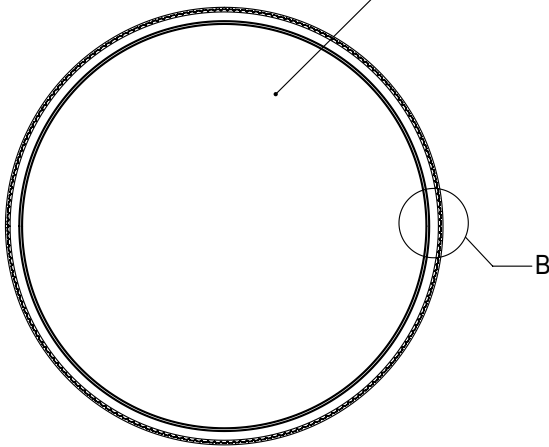
DATE 1/9/2019



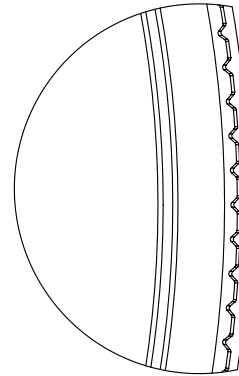
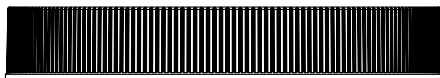
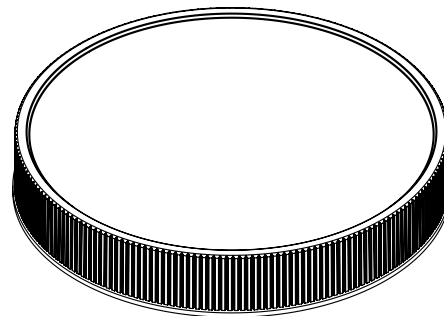
REVISIONS

DATE	REV.	N/P	DESCRIPTION	ENG	DRW
10/06/2016	00	AA	UPDATED DRAWING FORMAT - REFER TO C-4017 FOR REVISION HISTORY	JDM	DAS
08/17/2018	00	AB	ADDED MOLD AND GATE LOCATION TABLE	BDG	DAS
12/17/2019	00	AC	CORRECTED STACK RING ON PRODUCT MODEL	JDM	JDM

MATTE FINISH



B


 DETAIL B
 SCALE 4 : 1
 210 EQUALLY SPACED RIBS

 SEE GATE
 LOCATION
 TABLE


MOLD NUMBER	GATE LOCATION
89001	SIDE
89006	SIDE
89008	SIDE

 STATIC TORQUE RECOMMENDATION
40-70 in-lbs
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DRAWING TYPE : CUSTOMER

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 DISTRIBUTION
 CODE
D

 DRAWING NAME
89-400 CT CLOSURE
RM (Ribbed-Matted-Stacking)
DRAWING NUMBER
CQA - 10408MATERIAL
POLYPROPYLENEMODEL NUMBER:
PM 10407 89-400 CT
 SCALE
 3:4
SHEET SIZE
8.5" X 11"SHEET
2 of 3REV.NP
00.AC

DRAWN BY. DAS 10/5/2016

ENG APPR. BDG 11/12/2018

QA APPR. REL 1/9/2019

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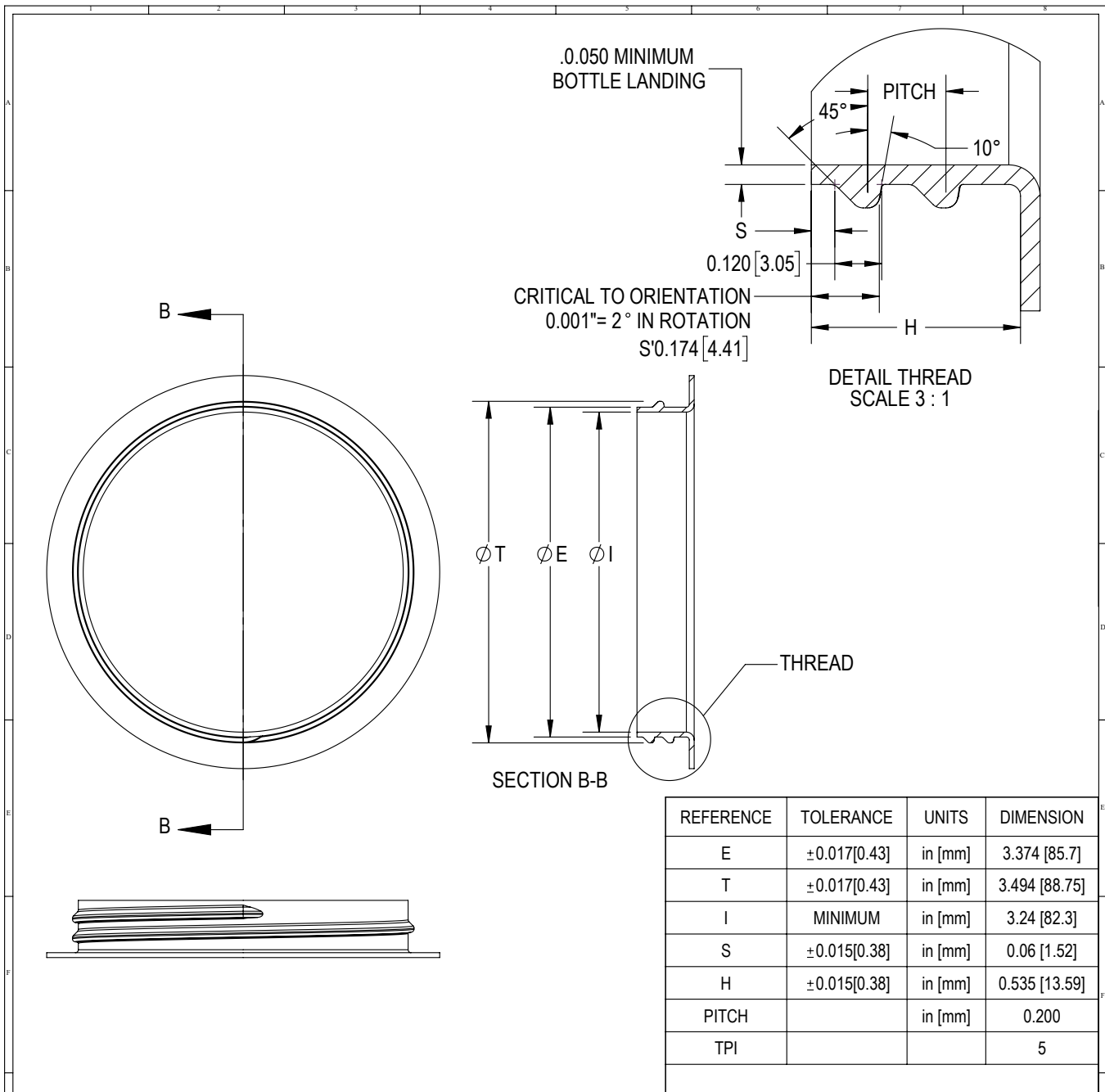


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P A C K A G I N G

Product Specification Sheet

Illing Part#

3611BPPL



REFERENCE	TOLERANCE	UNITS	DIMENSION
E	±0.017[0.43]	in [mm]	3.374 [85.7]
T	±0.017[0.43]	in [mm]	3.494 [88.75]
I	MINIMUM	in [mm]	3.24 [82.3]
S	±0.015[0.38]	in [mm]	0.06 [1.52]
H	±0.015[0.38]	in [mm]	0.535 [13.59]
PITCH		in [mm]	0.200
TPI			5

STATIC TORQUE RECOMMENDATION 40-70 in-lbs THIS REQUIREMENT MAY VARY DEPENDING UPON BOTTLE MATERIAL, NECK FINISH, AND CAPPING EQUIPMENT		DRAWING TYPE : CUSTOMER															
REPLACES DRAWINGS: C-4017		DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED															
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						ENG APPR.		BDG		11/12/2018							
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										MATERIAL POLYPROPYLENE							
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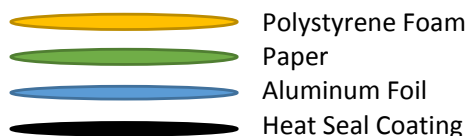


Liner Product Data Sheet

Title: (A01)MRPLN04.020 FOAM R SFYP

Description of Product: Universal Heat Seal Foam Liner

Detailed Product Description: This product is a one piece universal heat seal consisting of foam backing, paper, aluminum foil and heat seal layer.



Regulatory Compliance:

21 CFR 177.1210 Closures with sealing gaskets for food containers.

Typical Properties: This specification, designated by Mold-Rite Plastics, includes all liners that meet the typical value data listed below:

Typical Properties	Typical Value
Overall Thickness - Polystyrene Foam - Paper - Aluminum Foil - Heat Seal Coating	0.024 inch +/- 10% .0200 inch .0025 inch .0003 inch .0015 inch
Drug Master File	16574
Printed	"SEALED FOR YOUR PROTECTION"
Print Color	Red
Oxygen Transmission	Essentially Zero
Water Vapor Transmission	Essentially Zero

Disclaimers:

1. These are typical properties.
2. All data values and regulatory requirements were obtained from manufacturer product data sheets (where applicable).
3. Product data sheets data are intended as a general guide only and do not necessarily represent results that may be obtained elsewhere.
4. Use of Mold-Rite Plastics products must be guided by users' methods for selection of proper formulation.
5. Mold-Rite Plastics disclaims any responsibility for misuse or misapplication of its products.
6. Mold-Rite Plastics liability and customer's exclusive remedy for any claims arising out of sales of its products are expressly limited at: customer option for replacement not to exceed the purchase price plus transportation charges thereon.

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