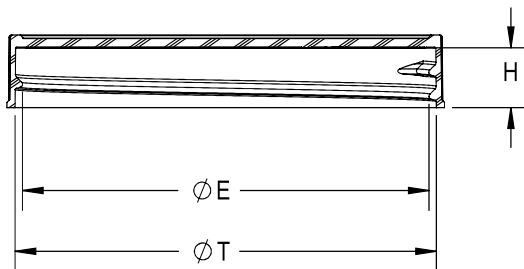
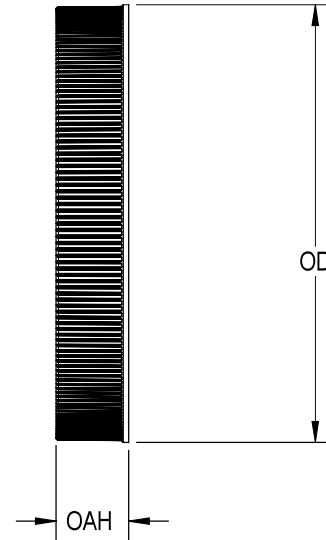
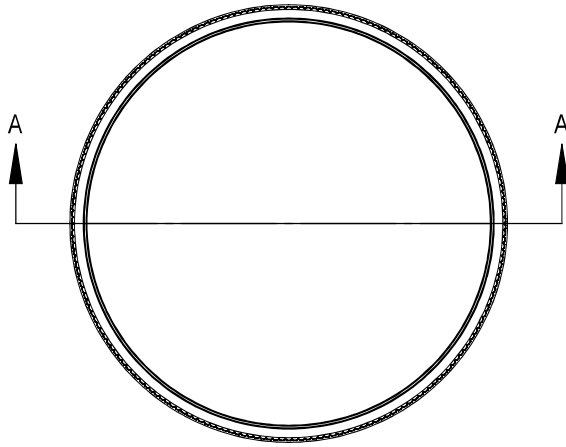




89-400 WHT RIBBED SIDE MATTE TOP CAP w/2-PIECE PULP-BACKED LINER

Part #: 3602WHPBL

Size:	89-400
Color:	White
Material:	Polypropylene
Style:	Plastic Ribbed Cap
Additional Info:	Matte Top
Case Pack:	580/CTN
Pallet Pack:	16,240/PLT



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
RESERVES THE RIGHT TO REVISE ANY OR ALL
SPECIFICATIONS AND REQUIREMENTS.

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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AND STULL TECHNOLOGIES OTHERWISE MAY AGREE IN WRITING



DISTRIBUTION
CODE
D

DRAWING NAME
**89-400 CT CLOSURE
RM (Ribbed-Matted-Stacking)**
DRAWING NUMBER
CQA - 10408

DRAWN BY. DAS 10/5/2016
ENG APPR. BDG 11/12/2018
QA APPR. REL 1/9/2019

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**



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

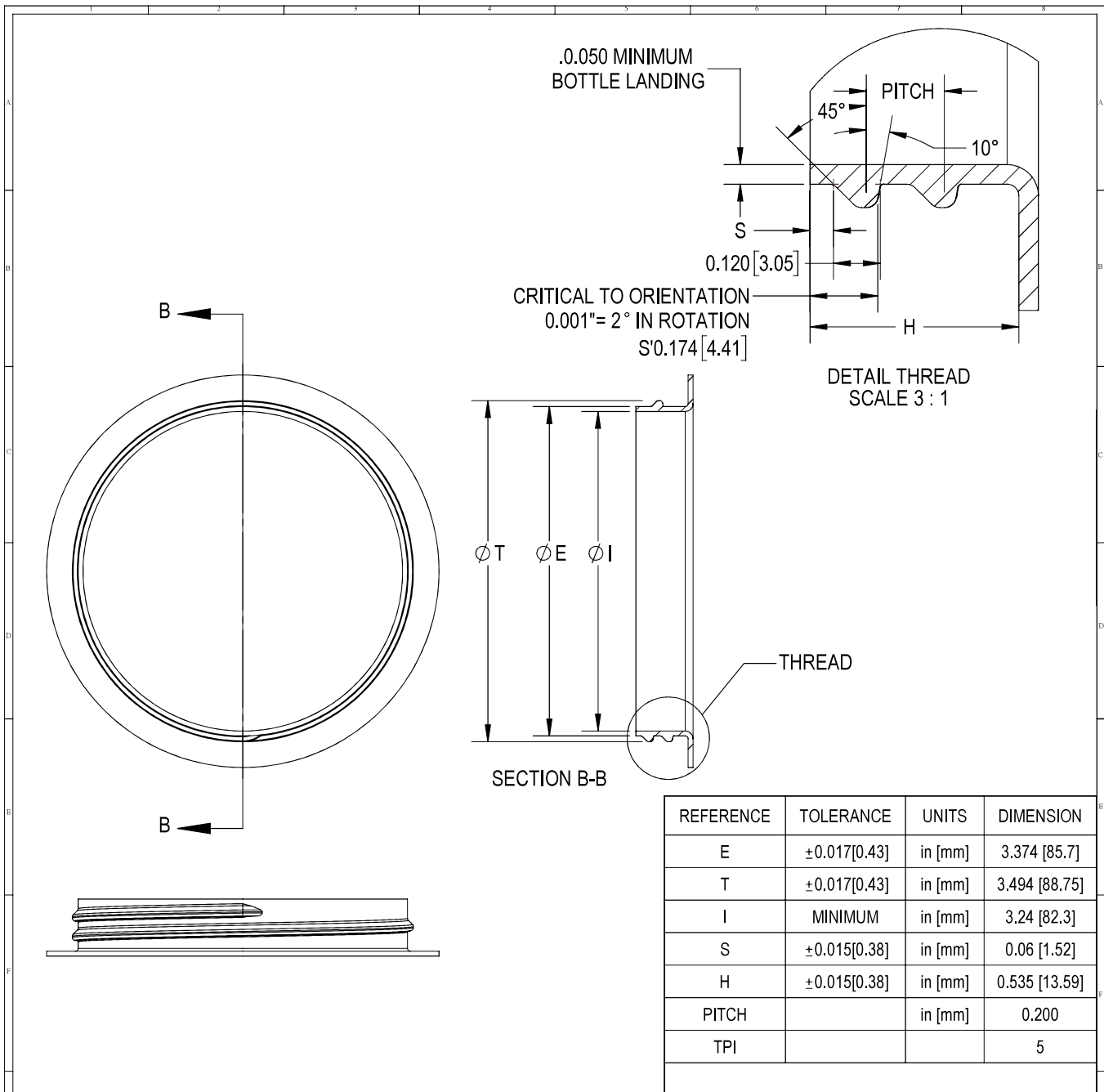
DETAIL B
SCALE 4 : 1
210 EQUALLY SPACED RIBS

SEE GATE LOCATION TABLE

MOLD NUMBER	GATE LOCATION
89001	SIDE
89006	SIDE
89008	SIDE

STATIC TORQUE RECOMMENDATION 40-70 in-lbs 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
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 RESERVES THE RIGHT TO REVISE ANY OR ALL SPECIFICATIONS AND REQUIREMENTS.	TOLERANCES UNLESS OTHERWISE SPECIFIED	
	DIMENSION (inches)	TOLERANCE
	0-0.787	±0.006
	0.788-1.181	±0.008
	1.182-2.756	±0.012
	2.757-3.937	±0.016
	3.938-5.096	±0.020
	5.097-7.874	±0.024
	7.875-9.843	±0.032
	DIMENSION (mm)	
0-20	±0.152	
21-30	±0.203	
31-70	±0.305	
71-100	±0.406	
101-150	±0.508	
151-200	±0.610	
201-250	±0.813	
ANGULAR TOLERANCE ± 2°		
PROPRIETARY AND CONFIDENTIAL		
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THIRD ANGLE PROJECTION 	DISTRIBUTION CODE D	DRAWING NAME	
		89-400 CT CLOSURE RM (Ribbed-Matted-Stacking)	
DRAWING NUMBER		CQA - 10408	
DRAWN BY.		POLYPROPYLENE	
ENG APPR.	BDG	MODEL NUMBER:	
QA APPR.	REL	PM 10407 89-400 CT	
DATE		SCALE	SHEET SIZE
10/5/2016		3:4	8.5" X 11"
11/12/2018		SHEET	REV.NP
1/9/2019		2 of 3	00.AC



STATIC TORQUE RECOMMENDATION 40-70 in-lbs THIS REQUIREMENT MAY VARY DEPENDING UPON BOTTLE MATERIAL, NECK FINISH, AND CAPPING EQUIPMENT		DRAWING TYPE : CUSTOMER		 MOLD-RITE PLASTICS® Innovative • Reliable • Responsive			
REPLACES DRAWINGS: C-4017		DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED		THIRD ANGLE PROJECTION  SOLIDWORKS DISTRIBUTION CODE D DRAWING NAME 89-400 CT CLOSURE RM (Ribbed-Matted-Stacking) DRAWING NUMBER CQA - 10408			
TOLERANCES UNLESS OTHERWISE SPECIFIED							
DIMENSION (inches)	TOLERANCE	DIMENSION (mm)	TOLERANCE	DRAWN BY. DAS 10/5/2016 ENG APPR. BDG 11/12/2018 QA APPR. REL 1/9/2019 MATERIAL POLYPROPYLENE MODEL NUMBER: PM 10407 89-400 CT SCALE 3:4 SHEET SIZE 8.5" X 11" SHEET 3 of 3 REV.NP 00.AC			
0-.0787	±.006	0-20	±.0152				
0.788-1.181	±.008	21-30	±.0203				
1.182-2.756	±.012	31-70	±.0305				
2.757-3.937	±.016	71-100	±.0406				
3.938-5.096	±.020	101-150	±.0508				
5.097-7.874	±.024	151-200	±.0610				
7.875-9.843	±.032	201-250	±.0813				
ANGULAR TOLERANCE ± 2°							
PROPRIETARY AND CONFIDENTIAL							
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Liner Specification

Title: MRPLN05**MRP DESCRIPTION - (A02)MRPLN05.023 PULP R SFYP****Description of Product:** Universal Two Piece Pulp Backed Induction Seal Liner

Detailed Product Description: This product is a two piece pulp backed universal induction seal liner consisting of pulp backing, wax, paper, aluminum foil and heat seal layer.

**Regulatory Compliance:**

USFDA Food Allergen Guidelines; California Proposition 65 Labeling Requirements; Limitations of Heavy Metals in Packaging per CONEG & EU 94/62/EC, Article11

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	0.023 inch +/- 20%
- Pulp - Wax - Paper - Aluminum Foil - Heat Seal Coating	.0200 inch .0010 .0025 .0004 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.