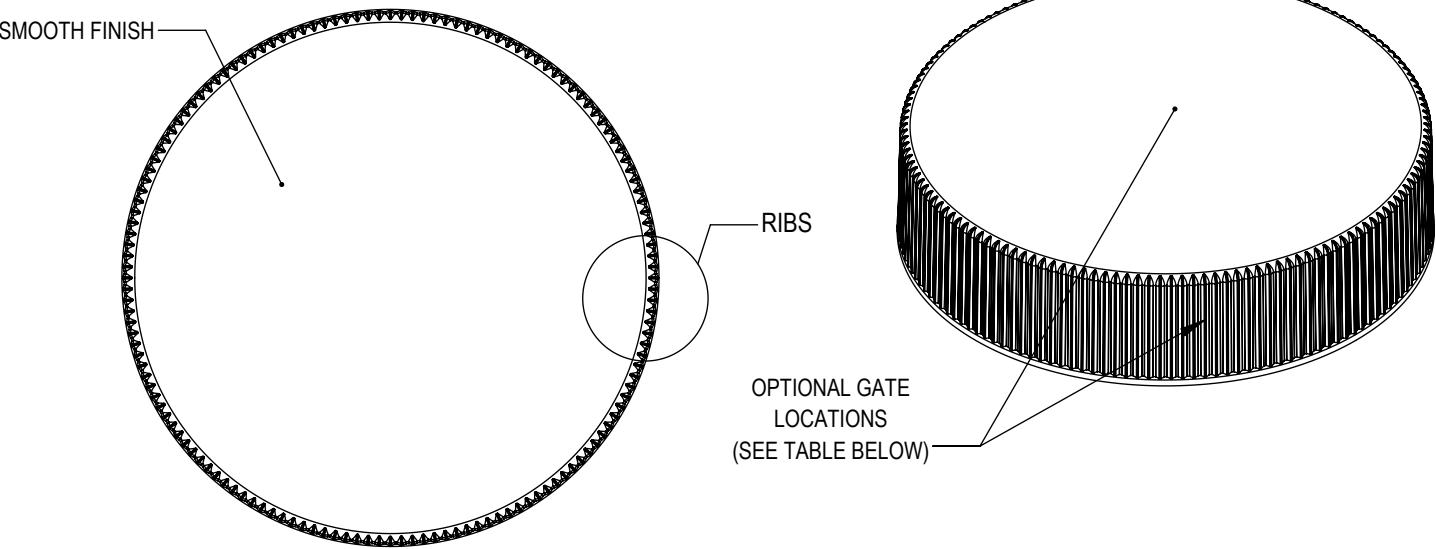
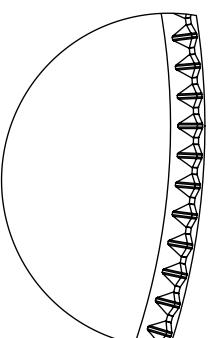
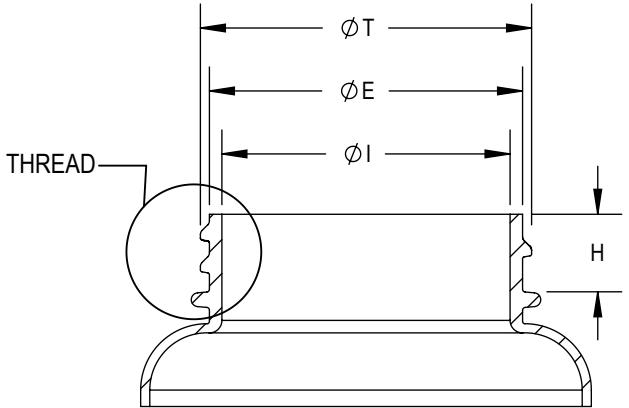
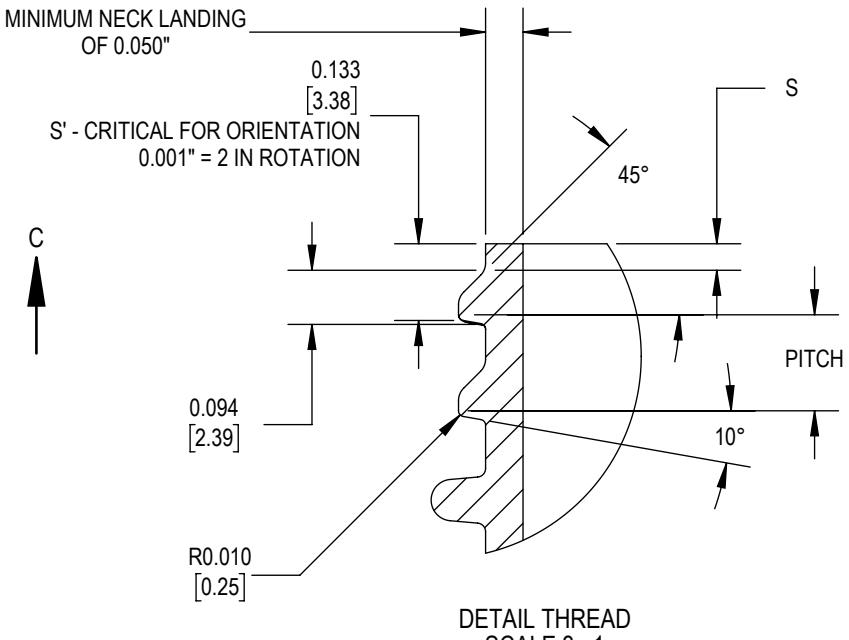
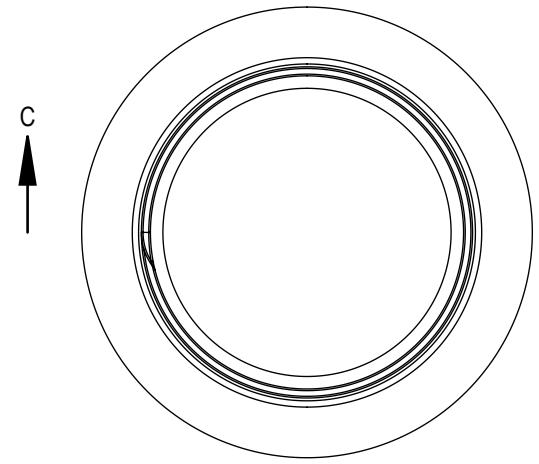




				REVISIONS																																																									
	DATE	REV.	N/P	PRODUCT DRAWING REQUEST	DESCRIPTION			ENG	DRW																																																				
A	6/3/2016	00	AA	PDR 16-025	UPDATE DRAWING FORMAT, REFER TO C-3010 FOR REVISION HISTORY			JDM	JDM																																																				
B	5/5/2017	00	AB		ADDED GATE LOCATION OPTION			JDM	JDM																																																				
C	7/27/17	00	AC	PDR 17-035	UPDATED OD TOLERANCE, T DIMENSION AND PART WEIGHT BASED ON HISTORICAL DATA			BDG	DAS																																																				
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F	<p>152 EQUALLY SPACED RIBS DETAIL RIBS SCALE 4 : 1</p>																																																												
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H	 <p>3RD ANGLE PROJECTION</p> <p>DISTRIBUTION CODE D</p> <p>DRAWING NAME 45-400 CT CLOSURE RS (Ribbed Side - Smooth Top)</p> <p>DRAWING NUMBER CQA - 10301</p> <p>DRAWN BY JDM 6/3/2016 MATERIAL POLYPROPYLENE</p> <p>ENG APPR. BDG 8/17/2017 MODEL NUMBER: PM 10297 45-400 CT</p> <p>QA APPR. REL 09/05/2017 SCALE 1:1 SHEET SIZE 8.5 X 11 SHEET 2 of 3 REV.NP 00.AC</p>																																																												



SECTION C-C  
SCALE 1 : 1

REFERENCE	TOLERANCE	UNITS	DIMENSION
E	$\pm 0.017$ [0.43]	in [mm]	1.631 [41.43]
T	$\pm 0.017$ [0.43]	in [mm]	1.725 [43.82]
I	MINIMUM	in [mm]	1.525 [38.74]
S	$\pm 0.015$ [0.38]	in [mm]	0.046 [1.17]
H	$\pm 0.015$ [0.38]	in [mm]	0.415 [10.54]
TPI			6
PITCH		in [mm]	0.167 [4.24]

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.

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

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	$\pm 0.006$	0-20	$\pm 0.152$
0.788-1.181	$\pm 0.008$	21-30	$\pm 0.203$
1.182-2.756	$\pm 0.012$	31-70	$\pm 0.305$
2.757-3.937	$\pm 0.016$	71-100	$\pm 0.406$
3.938-5.096	$\pm 0.020$	101-150	$\pm 0.508$
5.097-7.874	$\pm 0.024$	151-200	$\pm 0.610$
7.875-9.843	$\pm 0.032$	201-250	$\pm 0.813$

ANGULAR TOLERANCE  $\pm 2^\circ$

PROPRIETARY AND CONFIDENTIAL

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**MRP**  
MOLD-RITE PLASTICS®  
Innovative • Reliable • Responsive



DISTRIBUTION  
CODE

DRAWING NAME

45-400 CT CLOSURE  
RECOMMENDED NECK FINISH

DRAWING NUMBER

CQA - 10301

ENG APPR.

BDG

8/17/2017

MODEL NUMBER:

QA APPR.

REL

09/05/2017

SCALE

SHEET SIZE

SHEET

REV/N/P

1:2

8.5 X 11

3 of 3

00.AC

## Product Data Sheet

MRP Description:(A01)MRPLN04.020 FOAM R SFYP

### MRPLN04 – Universal Heat Seal Foam Liner

#### Product Description

This product is a 1 piece universal heat seal consisting of foam backing, paper, aluminum foil and heat seal layer.. This specification, designated by Mold-Rite Plastics, covers all liners that meet the typical value data listed below;

- Polystyrene Foam
- Paper
- Aluminum Foil
- Heat Seal Coating

#### Regulatory Compliance

FDA Title 21 CFR Section 177.1210 (Closure with Sealing Gaskets for Food Containers,

RoHS Compliant

CONEG/Heavy Metal Compliant

Proposition 65 Compliant

Typical Properties	Typical Value
Overall Thickness	.024 +/- 10%
Drug Master File	16574
Printed	R SFYP
Oxygen Transmission	Essentially Zero
Water Vapor Transmission	Essentially Zero

For further regulatory information, contact Mold-Rite Plastics customer service or sales department.

Notes: These are typical properties not to be construed as specifications. Mold-Rite Plastics reserves the right to include any other liner that meets the above data values and regulatory requirements.

This product data sheet covers multiple liners that meet the above typical data values and regulatory requirements. All listed liners have similar physical, chemical and processing properties. Listed known liners: HS035, HS 035N, HS205, FS5-8, HSS-5.6

All results were obtained from manufacturer product data sheets (where applicable). The data are intended as a general guide only and do not necessarily represent results that may be obtained elsewhere. The use of Mold-Rite Plastics products must be guided by the user's own methods for selection of proper formulation. Mold-Rite Plastics disclaims any responsibility for misuse or miss application of its products. 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 in respect to any material which damage is claimed.