



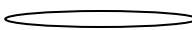
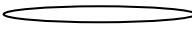
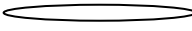
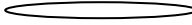
Product Data Sheet

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

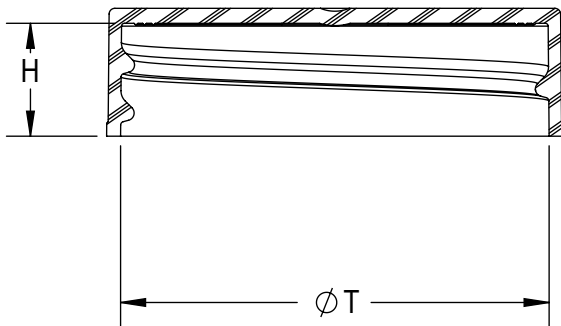
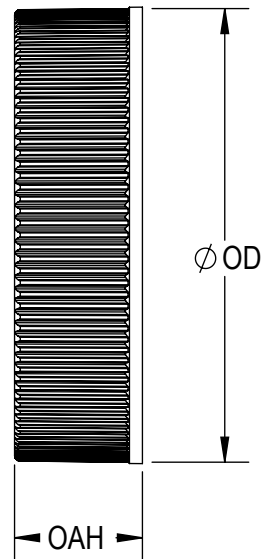
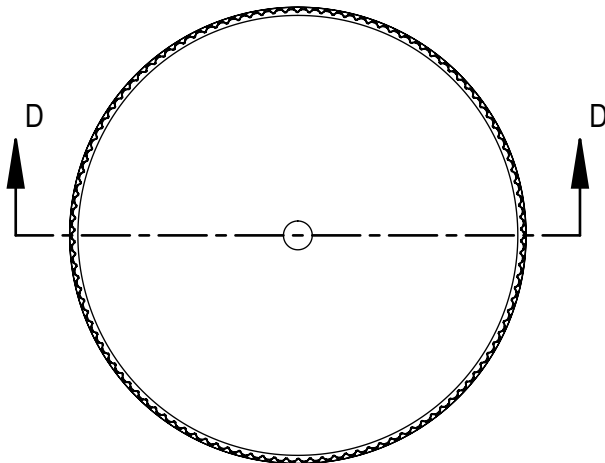
Typical Properties	Typical Value
Overall Thickness	.024 +/- 10%
Drug Master File	16574
Printed	R SFYP
Oxygen Transmission	Essentially Zero
Water Vapor Transmission	Essentially Zero

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 that right to include any other liner that meets that 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 users 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.



SECTION D-D

THREAD DETAIL INFORMATION
6 THREADS PER INCH, 0.167 PITCH

REFERENCE	TOLERANCE	DIMENSION	UNITS
E	±0.010 [0.25]	1.394 [35.41]	in [mm]
T	±0.010 [0.25]	1.488 [37.80]	in [mm]
H	±0.008 [0.20]	0.392 [9.96]	in [mm]
OAH	±0.008 [0.20]	0.444 [11.28]	in [mm]
OD	±0.015 [0.38]	1.590 [40.39]	in [mm]
PART WEIGHT	± 0.30	2.85	g

STATIC TORQUE RECOMMENDATION
17-26 in-lbs
THIS REQUIREMENT MAY VARY DEPENDING
UPON BOTTLE MATERIAL, NECK FINISH, AND
CAPPING EQUIPMENT

DRAWING TYPE : CUSTOMER

REPLACES DRAWINGS:
C-3008

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

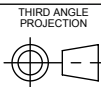
TOLERANCES UNLESS OTHERWISE SPECIFIED

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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AND STULL TECHNOLOGIES OTHERWISE MAY AGREE IN WRITING



DISTRIBUTION
CODE

D

DRAWING NAME

38-400 CT CLOSURE
RS (Ribbed - Smooth)

DRAWING NUMBER

CQA - 10015

MATERIAL

POLYPROPYLENE

MODEL NUMBER:

PM 10498 38-400 CT

DRAWN BY:

DAS

5/5/2017

ENG APPR:

BDG

1/11/2019

QA APPR:

REL

1/11/2019

SCALE

SHEET SIZE

SHEET

REV.NP

3:2

8.5in*11in

1 of 3

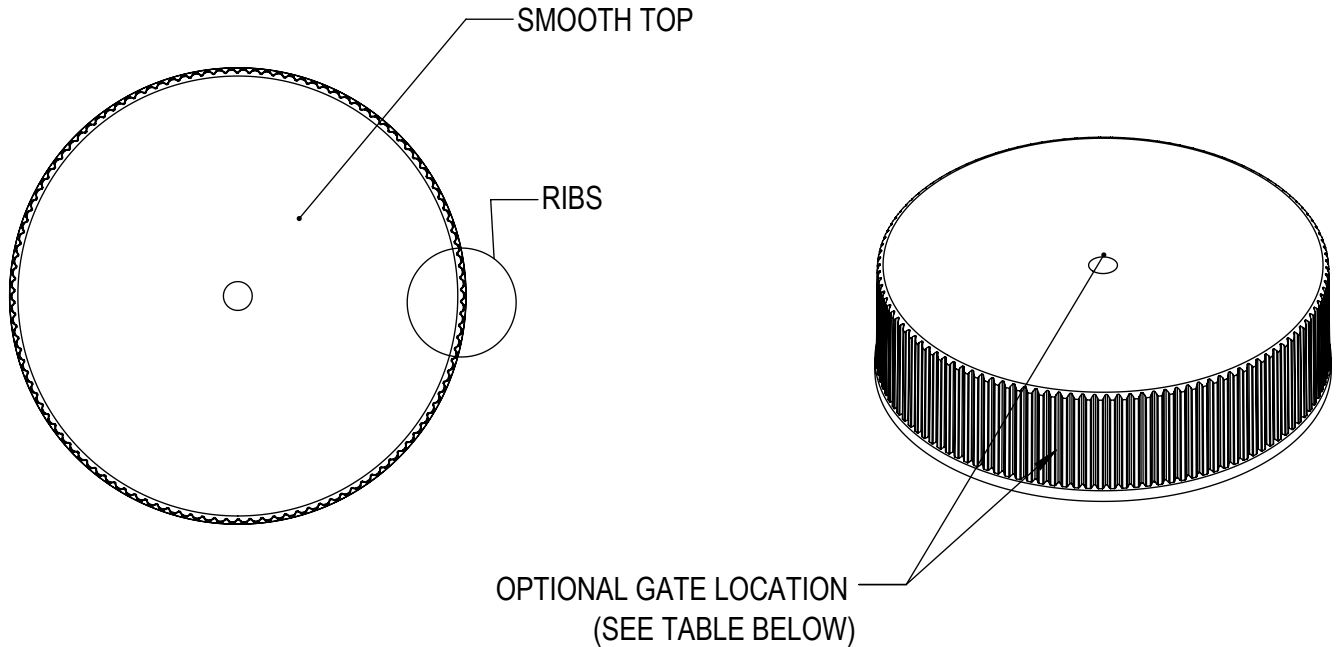
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THE CLOSURE DIMENSIONS
DEPICTED ARE THOSE WHICH HAVE GENERALLY BEEN
FOUND TO BE FUNCTIONAL BASED ON INDUSTRY
EXPERIENCE BECAUSE OF VARIABILITY IN GLASS AND
PLASTIC CONTAINER FINISHES, EACH CLOSURE/FINISH
SYSTEM SHOULD BE INDIVIDUALLY EVALUATED AND
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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SPECIFICATIONS AND REQUIREMENTS.

REVISIONS

DATE	REV.	N/P	DESCRIPTION	ENG	DRW
2/26/2014	00	AA	INITIAL RELEASE	CM	LB
4/12/2017	00	AB	UPDATED DRAWING FORMAT	JDM	DAS
12/20/2018	00	AC	DRAWING UPDATED TO REFLECT HISTORICAL RUN DATA & PROCESS CAPABILITY. NO CHANGES TO THE STEEL OR PART HAVE OCCURED. UPDATED RNF TO MATCH PRODUCT SPECIFICATIONS	BDG	AMK



MOLD NUMBER	GATE LOCATION
38003	SIDE
38004	SIDE
38011	SIDE
38012	SIDE
38015	SIDE
38016	SIDE
38024	SIDE
38025	SIDE
38030	TOP CENTER

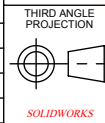
DETAIL RIBS
SCALE 5 : 1

DRAWING TYPE : CUSTOMER			
REFERENCES: 38003, 38004, 38011, 38012, 38015, 38016, 38024, 38025, 38030		DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED	
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ANGULAR TOLERANCE ± 2°			
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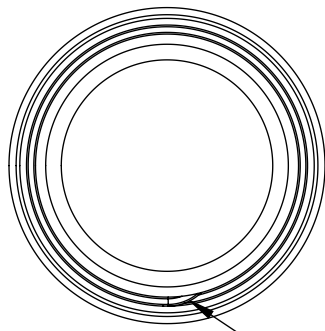


THE CLOSURE DIMENSIONS DEPICTED ARE THOSE WHICH HAVE GENERALLY BEEN FOUND TO BE FUNCTIONAL BASED ON INDUSTRY EXPERIENCE BECAUSE OF VARIABILITY IN GLASS AND PLASTIC CONTAINER FINISHES. EACH CLOSURE/FINISH SYSTEM SHOULD BE INDIVIDUALLY EVALUATED AND TESTED TO ENSURE IT MEETS APPLICABLE PERFORMANCE CRITERIA.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

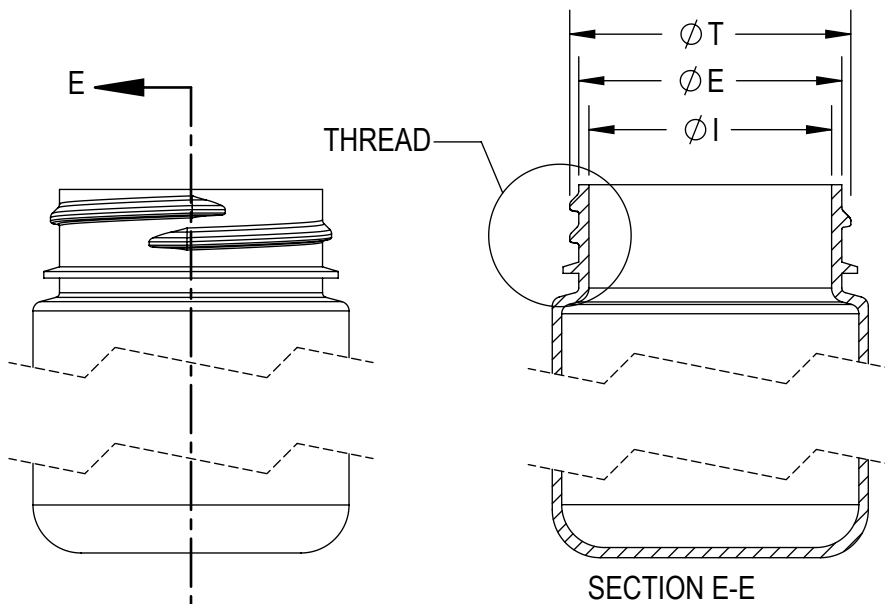
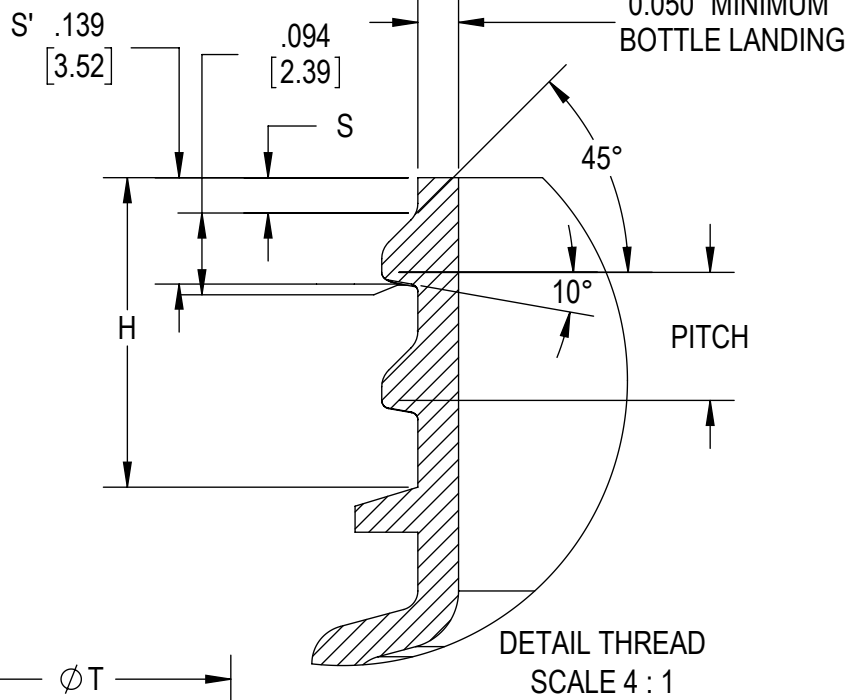
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THIRD ANGLE PROJECTION	DISTRIBUTION CODE	DRAWING NAME		
	D	38-400 CT CLOSURE RS (Ribbed - Smooth)		
		DRAWING NUMBER		
		CQA - 10015		
		MATERIAL		
		POLYPROPYLENE		
		MODEL NUMBER:		
		PM 10498 38-400 CT		
DRAWN BY:	DAS	5/5/2017	SCALE	SHEET
ENG APPR.:	BDG	1/11/2019	3:2	8.5 X 11
QA APPR.:	REL	1/11/2019		SHEET
				2 of 3
				REV.NP
				00.AC



THREAD START



REFERENCE	TOLERANCE	UNITS	DIMENSIONS
E	±0.012 [0.30]	in [mm]	1.370 [34.80]
T	±0.012 [0.30]	in [mm]	1.464 [37.19]
I	MINIMUM	in [mm]	0.987 [25.07]
S	±0.015 [0.38]	in [mm]	0.046 [1.17]
H	MINIMUM	in [mm]	0.407 [10.34]
PITCH		in [mm]	0.167 [4.24]
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

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SOLIDWORKS

DISTRIBUTION CODE

D

DRAWING NAME

38-400 CT CLOSURE
RECOMMENDED NECK FINISH

DRAWING NUMBER

CQA - 10015

MATERIAL

MODEL NUMBER:

DRAWN BY: DAS

5/5/2017

ENG APPR: BDG

1/11/2019

QA APPR: REL

1/11/2019

SCALE

1:1

SHEET SIZE

8.5 X 11

SHEET

3 of 3

REV/N/P

00.AC

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