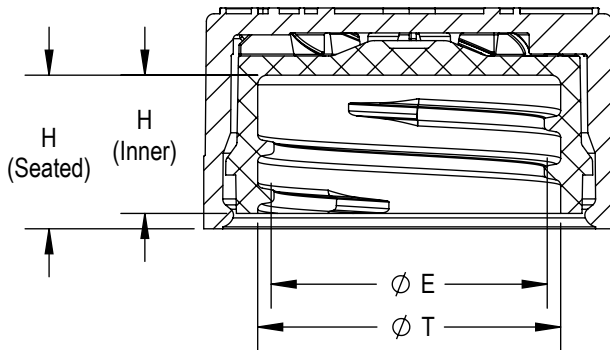
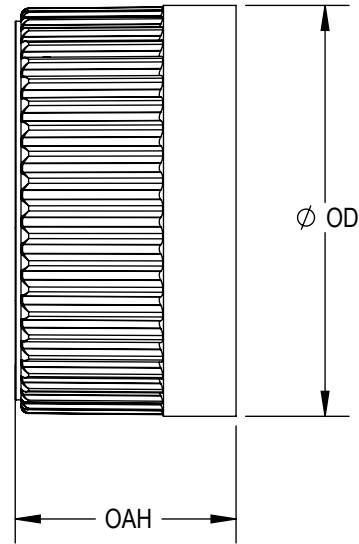
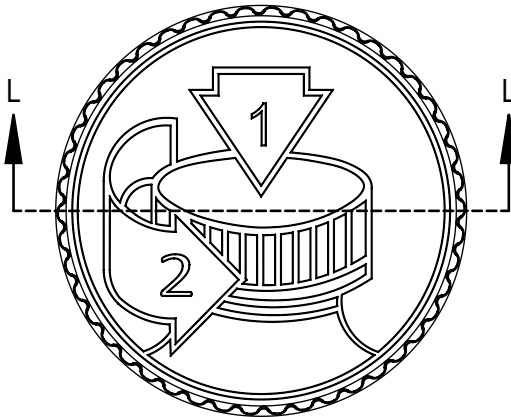




SECTION L-L

8 THREADS PER INCH, 0.125 PITCH

| REFERENCE     | TOLERANCE     | DIMENSION     | UNITS   |
|---------------|---------------|---------------|---------|
| E             | 0.006 [0.15]  | 0.704 [17.88] | in [mm] |
| T             | 0.006 [0.15]  | 0.786 [19.96] | in [mm] |
| H<br>[Seated] | REFERENCE     | 0.400 [10.16] | in [mm] |
| H<br>[Inner]  | ±0.008 [0.25] | 0.360 [9.14]  | in [mm] |
| OD            | ±0.010 [0.25] | 1.070 [27.18] | in [mm] |
| OAH           | ±0.010 [0.25] | 0.575 [14.61] | in [mm] |
| PART WEIGHT   | ± 0.50        | 3.47          | g       |

**STATIC TORQUE RECOMMENDATION**  
**8-12in-lbs**  
 THIS REQUIREMENT MAY VARY DEPENDING  
 UPON BOTTLE MATERIAL, NECK FINISH, AND  
 CAPPING EQUIPMENT

DRAWING TYPE : CUSTOMER

REPLACES DRAWINGS:  
 PDT-20

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

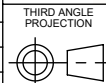
TOLERANCES UNLESS OTHERWISE SPECIFIED

| 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

THIS DRAWING IS PROTECTED BY COPYRIGHT AND CONTAINS INFORMATION  
 PROPRIETARY TO MOLD-RITE, WEATHERCHEM AND STULL TECHNOLOGIES.  
 ANY REPRODUCTION, DISCLOSURE, OR USE OF ITS CONTENTS OR ANY PART  
 THEREOF IS EXPRESSLY PROHIBITED EXCEPT AS MOLD-RITE, WEATHERCHEM  
 AND STULL TECHNOLOGIES OTHERWISE MAY AGREE IN WRITING



DISTRIBUTION  
 CODE  
**D**

DRAWING NAME  
**20-400 CRC PDT ASSM**  
 PICTO

DRAWING NUMBER  
**CQA - 11115**

MATERIAL  
**POLYPROPYLENE**

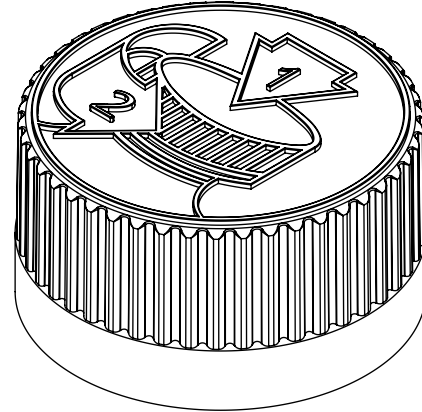
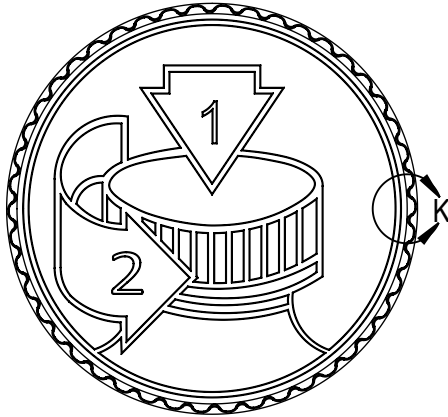
MODEL NUMBER:  
**PM 11010 20-400 CRC ASSM**

| SCALE | SHEET SIZE | SHEET  | REV NP |
|-------|------------|--------|--------|
| 2:1   | 8.5" X 11" | 1 of 3 | 00.AC  |

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.

| DATE     | REV | N/P | DESCRIPTION                       | ENG | DRWN |
|----------|-----|-----|-----------------------------------|-----|------|
| 03/16/18 | 00  | AA  | DRAWING RELEASE                   | BDG | BDG  |
| 06/07/18 | 00  | AB  | CORRECTED P/N REFERENCE ON PAGE 2 | BDG | BDG  |
| 09/20/19 | 00  | AC  | REDUCED T & E TOLERANCE TO 0.006  | BDG | BDG  |



DETAIL K  
(54) EQUISPACED RIBS  
SCALE 4 : 1

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

REFERENCES:

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

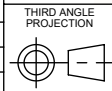
TOLERANCES UNLESS OTHERWISE SPECIFIED

| 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

THIS DRAWING IS PROTECTED BY COPYRIGHT AND CONTAINS INFORMATION  
PROPRIETARY TO MOLD-RITE, WEATHERCHEM AND STULL TECHNOLOGIES.  
ANY REPRODUCTION, DISCLOSURE, OR USE OF ITS CONTENTS OR ANY PART  
THEREOF IS EXPRESSLY PROHIBITED EXCEPT AS MOLD-RITE, WEATHERCHEM  
AND STULL TECHNOLOGIES OTHERWISE MAY AGREE IN WRITING



SOLIDWORKS

DISTRIBUTION  
CODE

D

DRAWING NAME

20-400 CRC PDT ASSM  
PCTO

DRAWING NUMBER

CQA - 11115

MATERIAL

POLYPROPYLENE

DRAWN BY.

BDG

2/19/2018

ENG APPR.

BDG

10/15/2019

QA APPR.

REL

11/19/2019

MODEL NUMBER:

PM 11010 20-400 CRC ASSM

SCALE

SHEET SIZE

SHEET

REV.NP

2:1

8.5 X 11

2 of 3

00.AC

0.050 MINIMUM FLAT FOR INDUCTION SEALING

.084  
[2.13]

S

45°

PITCH

10°

R.010  
[0.25]

DETAIL THREAD  
SCALE 4 : 1

THREAD START

THREAD

SECTION H-H  
SCALE 2 : 1

| REFERENCE | TOLERANCE     | UNITS   | DIMENSION     |
|-----------|---------------|---------|---------------|
| E         | ± 0.008[0.20] | in [mm] | 0.691 [17.55] |
| T         | ± 0.008[0.20] | in [mm] | 0.775 [19.69] |
| I         | MINIMUM       | in [mm] | 0.404 [10.26] |
| S         | ±0.015[0.38]  | in [mm] | 0.037[0.94]   |
| H         | MINIMUM       | in [mm] | 0.370 [9.40]  |
| H1        | MINIMUM       | in [mm] | 0.490 [12.45] |
| B         | MAXIMUM       | in [mm] | 0.835 [21.21] |
| TPI       |               |         | 8             |
| PITCH     |               | in [mm] | 0.125[3.18]   |

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

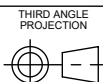
TOLERANCES UNLESS OTHERWISE SPECIFIED

| DIMENSION (inches) | TOLERANCE | DIMENSION (mm) | TOLERANCE |
|--------------------|-----------|----------------|-----------|
| 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

THIS DRAWING IS PROTECTED BY COPYRIGHT AND CONTAINS INFORMATION PROPRIETARY TO MOLD-RITE, WEATHERCHEM AND STULL TECHNOLOGIES. ANY REPRODUCTION, DISCLOSURE, OR USE OF ITS CONTENTS OR ANY PART THEREOF IS EXPRESSLY PROHIBITED EXCEPT AS MOLD-RITE, WEATHERCHEM AND STULL TECHNOLOGIES OTHERWISE MAY AGREE IN WRITING



DISTRIBUTION CODE

D

DRAWING NAME

20-400 CRC PDT ASSM  
Recommended Neck Finish

DRAWING NUMBER

CQA - 11115

MATERIAL

DRAWN BY.

BDG

2/19/2018

ENG APPR.

BDG

10/15/2019

QA APPR.

REL

11/19/2019

MODEL NUMBER:

SCALE

SHEET SIZE

SHEET

REV/N/P

1:1

8.5 X 11

3 of 3

00.AC

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.



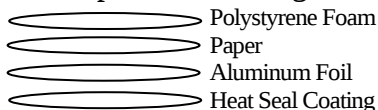
## Product Data Sheet

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;



#### 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.