



MOLD-RITE PLASTICS LLC.  
 1 Plant Street P.O. Box 160  
 Plattsburgh NY 12901  
 (518)561-1812  
<https://www.mrpcap.com>

## Product Data Sheet

### MRPWH01 White

#### Product Description

This specification designated by Mold-Rite Plastics covers all colorants that meet the typical value data listed below.

#### Regulatory Compliance

FDA – Title 21 CFR Section 170-199 for Food & Drug Contact  
 RoHS Compliant  
 CONEG/Heavy Metal Compliant  
 Proposition 65 Compliant

Typical Properties	Typical Value
Density	.90
Melt Index	30
Pellets	Standard
Recommended Let Down Ratio	50:1
Carrier Resin	PP
Estimated Heat Stability	450-500 °F
Visual Evaluation	Excellent
Additives	None
DE Tolerance	< 2.00

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 colorant that meets that above data values and regulatory requirements.

This product data sheet covers multiple colorant formulations that meet the above typical data values and regulatory requirements. All listed formulas have similar physical, chemical and processing properties. Listed known formulas; Polymer Concentrates – 10536, Penn Color 60W5221

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.



## 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

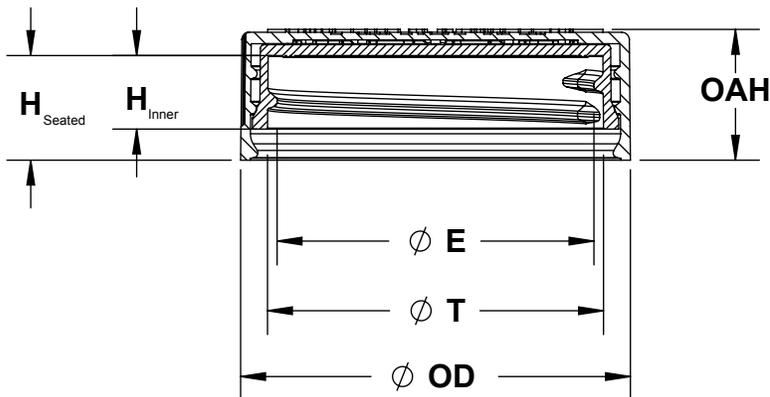
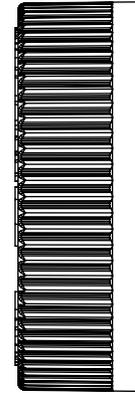
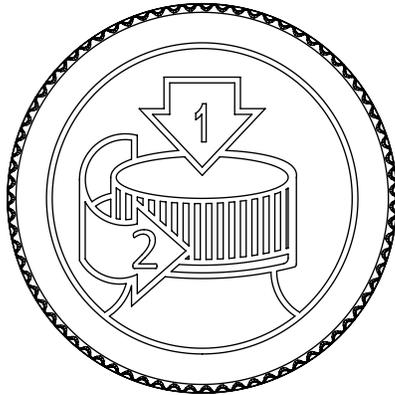
FDA Title 21 CFR Section 177.1210 (Closure with Sealing Gaskets for Food Containers,  
 RoHS Compliant  
 CONEG/Heavy Metal Compliant  
 Proposition 65 Compliant

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

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SECTION X-X  
SCALE 1 : 1

6 THREADS PER INCH, .167 PITCH,  
380° FULL DEPTH THREAD

	TOLERANCE	UNITS	
<b>E</b>	±0.010 [0.25]	in [mm]	1.658 [42.11]
<b>T</b>	±0.010 [0.25]	in [mm]	1.752 [44.25]
<b>H<sup>(Seated)</sup></b>	Reference	in [mm]	0.548 (13.92)
<b>H<sup>(Inner)</sup></b>	±0.010 [0.25]	in [mm]	0.385 [9.78]
<b>OD</b>	±0.012 [0.30]	in [mm]	2.044 [51.91]
<b>OAH</b>	±0.020 [0.51]	in [mm]	0.698 [17.73]
<b>Part Weight</b>	±1.5	g	9.60

**STATIC TORQUE RECOMMENDATION**  
18 - 29 in-lbs  
THIS REQUIREMENT MAY VARY  
DEPENDING UPON BOTTLE MATERIAL,  
NECK FINISH, AND CAPPING EQUIPMENT  
**SUPPERSEDES DRAWING:**  
C-8020-0

**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°

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DISTRIBUTION  
CODE  
**D**

DRAWING NAME  
**45mm-400 PDT CRC  
PICTO LOGO**

DRAWING NUMBER  
**CQA-10151**

DRAWN BY: **BDG** 09/04/15

QA APPR: **AP** 06/17/16

MATERIAL **POLYPROPYLENE**

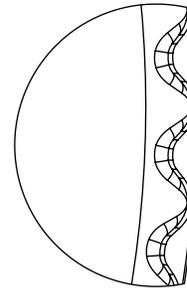
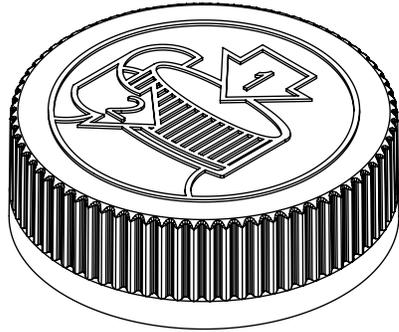
MODEL NUMBER: 45mm PDT CRC Assembly Master Model

SCALE	SHEET SIZE	SHEET	REV	N/P
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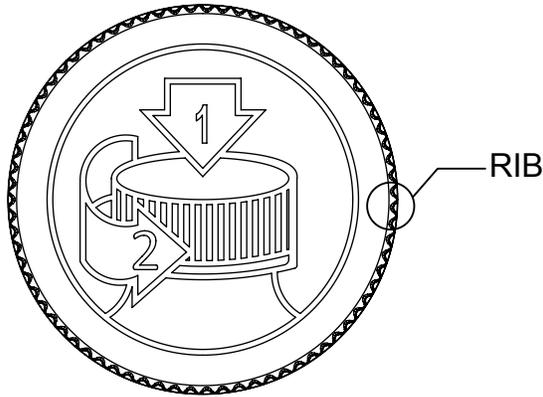
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REVISION HISTORY

REV	N/P	DATE	REVISION	DE
01	AA	09/04/15	DRAWING RELEASED	B.G.
01	AB	09/18/15	CORRECTED LEADER LOCATIONS FOR T AND E	B.G.
01	AC	06/17/16	PAGE 3. CHANGED H1 TO MINIMUM	B.G.



DETAIL RIB  
SCALE 6 : 1  
(75) EQUISPACED RIBS



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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ANGULAR TOLERANCE ± 2°

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**D**

DRAWING NAME  
**45mm-400 PDT CRC PICTO LOGO**

DRAWING NUMBER  
**CQA-10151**

DRAWN BY: REFER TO PAGE 1

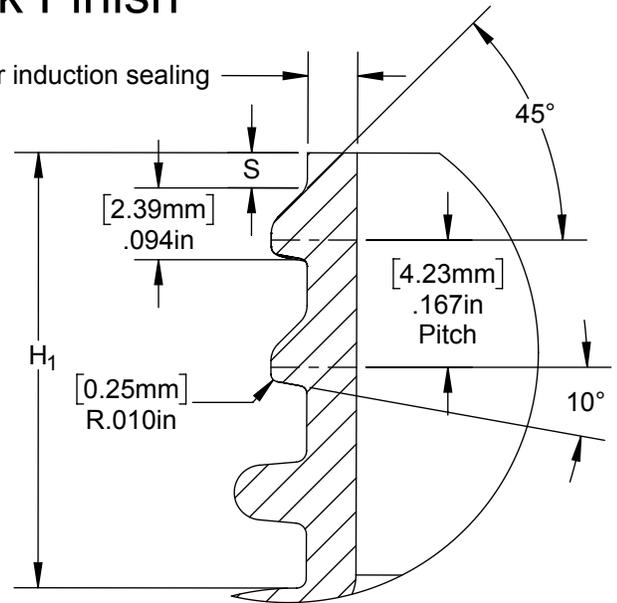
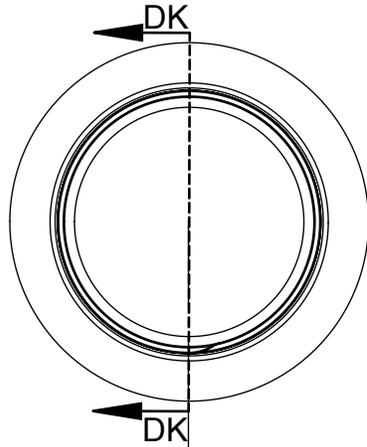
QA APPR: REFER TO PAGE 1

MATERIAL  
**POLYPROPYLENE**

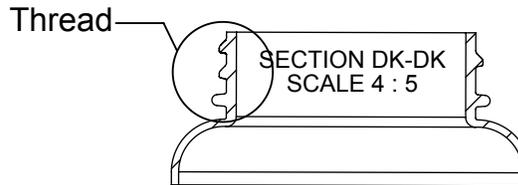
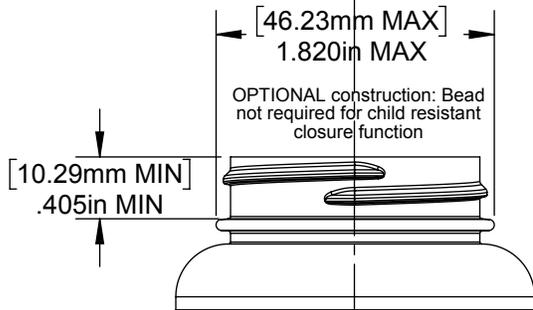
SCALE	SHEET SIZE	SHEET	REV	N/P
1:1	8½ x 11	2 of 3	01	AC

# Recommended Neck Finish

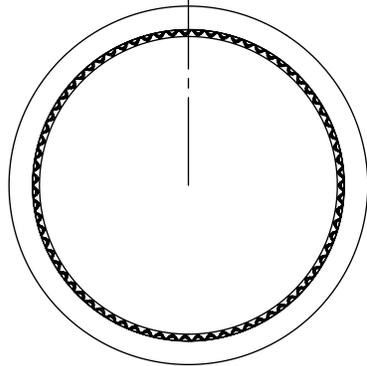
.050 MINIMUM flat for induction sealing



DETAIL Thread  
SCALE 4 : 1



	TOLERANCE	UNITS	
<b>E</b>	±0.017 [0.43]	in [mm]	1.631 [41.43]
<b>T</b>	±0.017 [0.43]	in [mm]	1.725 [43.81]
<b>I</b>	Minimum	in [mm]	1.500 [38.13]
<b>S</b>	±0.015 [0.38]	in [mm]	0.046 [1.17]
<b>H1</b>	Minimum	in [mm]	0.570 [14.22]
<b>TPI</b>			6
<b>PITCH</b>		in [mm]	0.167 [4.24]



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DRAWING NAME  
**45mm CRC NECK FINISH**

DRAWING NUMBER  
**CQA-10151**

DRAWN BY: REFER TO PAGE 1

QA APPR: REFER TO PAGE 1

MATERIAL

SCALE	SHEET SIZE	SHEET	REV	N/P
1:1	8½ x 11	3 of 3	01	AC