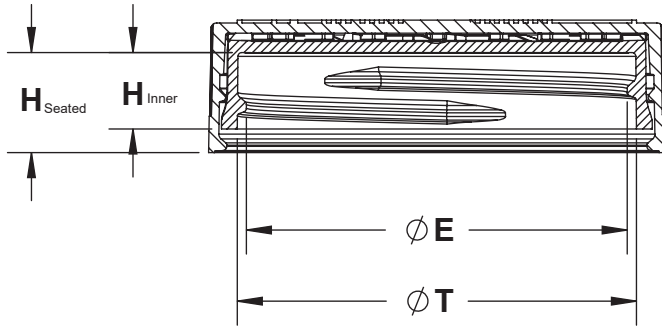
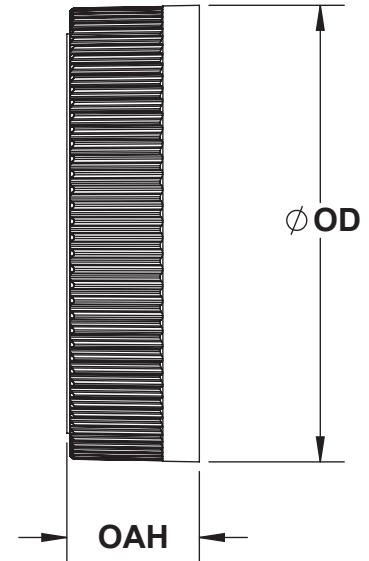
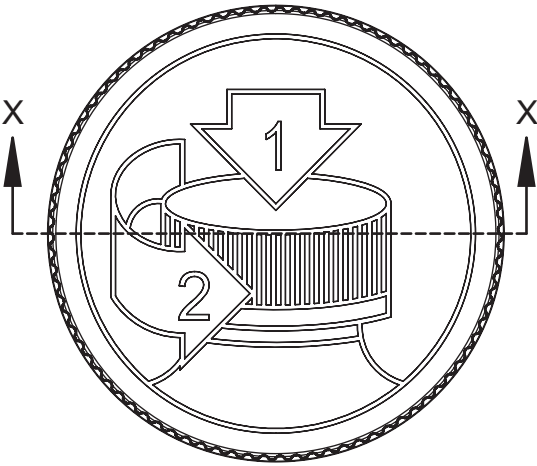


53-400 RED (1797) PP CRC PLAIN CAP PICTORIAL, F217 & PS22

Part #: 3635R

Size:	53-400
Color:	RED PMS 1797
Material:	PP
Style:	CHILD RESISTANT CAP
Additional Info:	3-PLY LINER, FOAM SEAL
Case Pack:	750 EACH
Pallet Pack:	22,500 EACH



SECTION X-X
SCALE 1 : 1

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

REFERENCE	TOLERANCE	DIMENSION	UNITS
E	±0.012 [0.30]	1.985 [50.42]	in [mm]
T	±0.012 [0.30]	2.079 [52.81]	in [mm]
H [Seated]	REFERENCE	0.521 [13.23]	in [mm]
H [INNER]	±0.012 [0.30]	0.398 [10.11]	in [mm]
OD	±0.018 [0.46]	2.388 [60.66]	in [mm]
OAH	±0.020 [0.51]	0.690 [17.53]	in [mm]
PART WEIGHT	± 1.4	12.8	g

STATIC TORQUE RECOMMENDATION
21-36 in-lbs
THIS REQUIREMENT MAY VARY DEPENDING
UPON BOTTLE MATERIAL, NECK FINISH, AND
CAPPING EQUIPMENT

DRAWING TYPE : CUSTOMER

REPLACES DRAWINGS:
C-8026

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

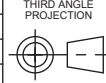
TOLERANCES UNLESS OTHERWISE SPECIFIED

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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SOLIDWORKS

DISTRIBUTION
CODE
D

DRAWING NAME
53-400 CRC Assm
PCTO

DRAWING NUMBER
CQA - 10095

MATERIAL
POLYPROPYLENE

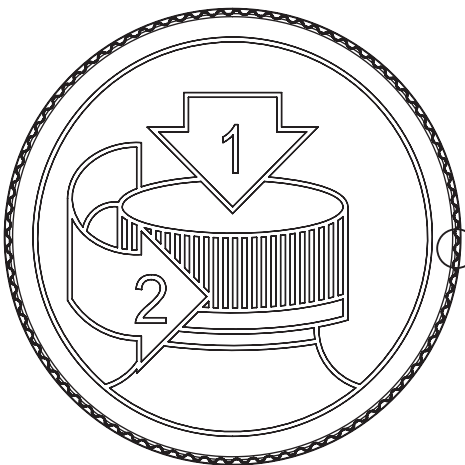
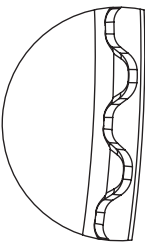
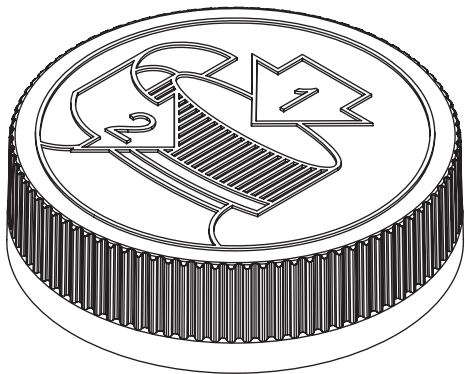
MODEL NUMBER:
PM 10135 53-400 PDT CRC Assm

SCALE	SHEET SIZE	SHEET	REV.NP
1:2	8.5" X 11"	1 of 3	02.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
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SPECIFICATIONS AND REQUIREMENTS.

REVISION HISTORY					
DATE	REV	N/P	DESCRIPTION	ENG	DRW
03/11/15	01	AA	DRAWING RELEASED	BDG	-
09/29/15	01	AB	UPDATED SPECIFICATIONS BASED ON PRODUCTION VALIDATION	BDG	-
02/10/16	02	AA	UPDATED ASSEMBLY MODEL WITH REVISED INNER. CRC ENGINE ANGLE REVISED	BDG	-
07/07/16	02	AB	UPDATED SPECIFICATION BASED ON RE-QUALIFICATION OF MOLDS	BDG	-
09/11/18	02	AC	UPDATED DRAWING FORMAT. CORRECTED (mm) CONVERSION FOR "I" DIMENSION PAGE 3	BGD	BDG



DETAIL RIB
SCALE 6 : 1
(88) 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.

MOLD-RITE, WEATHERCHEM AND STULL TECHNOLOGIES RESERVES THE RIGHT TO REVISE ANY OR ALL SPECIFICATIONS AND REQUIREMENTS.

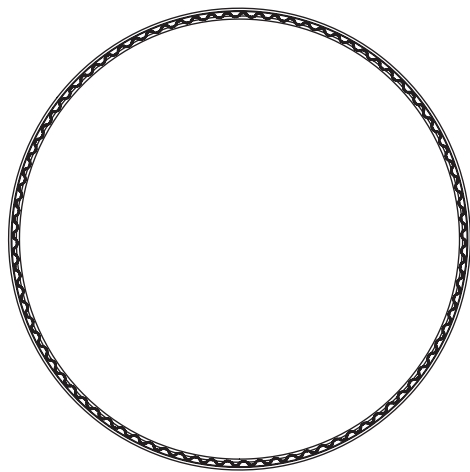
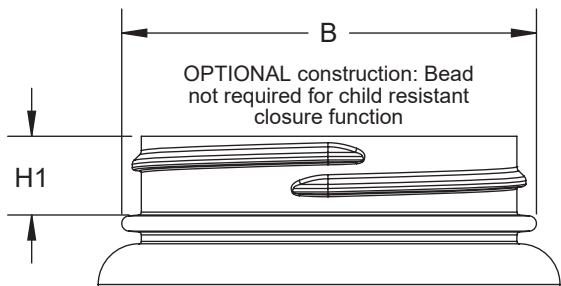
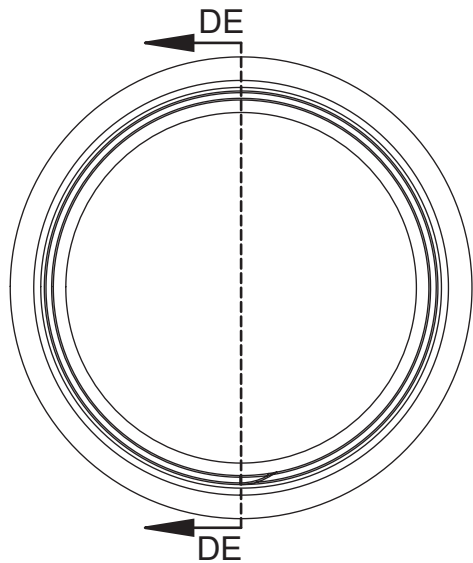
DRAWING TYPE : CUSTOMER

REFERENCES:

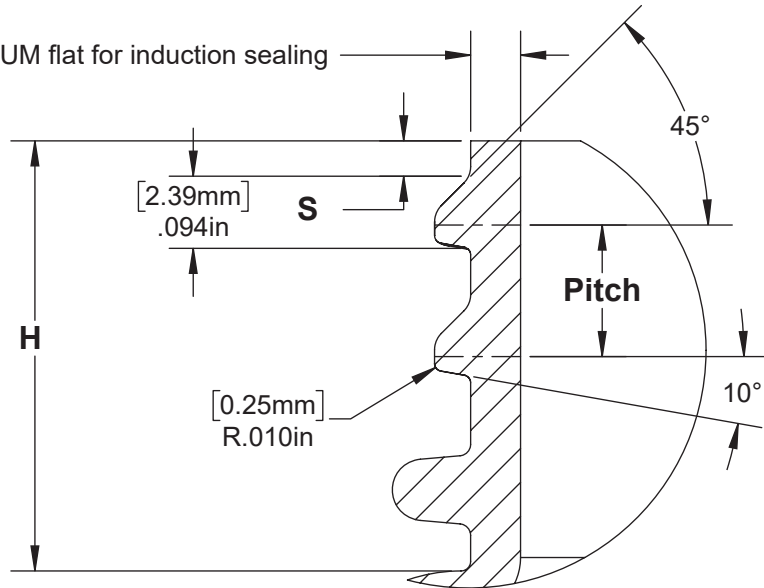
DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED			
TOLERANCES UNLESS OTHERWISE SPECIFIED			
DIMENSION (inches)	TOLERANCE	DIMENSION (mm)	TOLERANCE
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0.788-1.181	±0.008	21-30	±0.203
1.182-2.756	±0.012	31-70	±0.305
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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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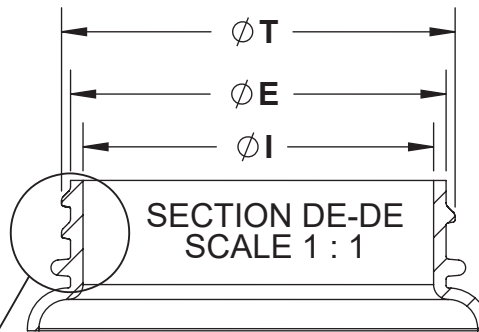
THIRD ANGLE PROJECTION	DISTRIBUTION CODE	DRAWING NAME	
	D	53-400 CRC Assm PICTO	
		DRAWING NUMBER	
		CQA - 10095	
		MATERIAL	
		POLYPROPYLENE	
		MODEL NUMBER:	
		PM 10135 53-400 PDT CRC Assm	
DRAWN BY.	BDG	3/1/2016	
ENG APPR.	BDG	9/11/2018	
QA APPR.	REL	9/11/2018	
SCALE	SHEET SIZE	SHEET	REV.NP
1:2	8.5" X 11"	2 of 3	02.AC



0.050 MINIMUM flat for induction sealing



DETAIL Thread
SCALE 4 : 1



SECTION DE-DE
SCALE 1 : 1

Thread

REFERENCE	TOLERANCE	UNITS	DIMENSION
E	± 0.017 [0.43]	in [mm]	1.956 [49.68]
T	± 0.017 [0.43]	in [mm]	2.050 [52.07]
I	MINIMUM	in [mm]	1.578 [40.08]
S	±0.015[0.38]	in [mm]	0.046 [1.17]
H	MINIMUM	in [mm]	0.560 [14.22]
H1	MINIMUM	in [mm]	0.410 [10.41]
B	MAXIMUM	in [mm]	2.160 [54.86]
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.

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DRAWING TYPE : CUSTOMER

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

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7.875-9.843	±0.032	201-250	±0.813

ANGULAR TOLERANCE ± 2°

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DRAWN BY.

BDG

3/1/2016

ENG APPR.

BDG

9/11/2018

QA APPR.

REL

9/11/2018

DISTRIBUTION CODE
D

DRAWING NAME

53-400 CRC Assm
RECOMMENDED NECK FINISH

DRAWING NUMBER

CQA - 10095

MATERIAL

MODEL NUMBER:

SCALE

SHEET SIZE

SHEET

REV/N/P

1:2

8.5" X 11"

3 of 3

02.AC



Liner Product Data Sheet

Title: (025)MRPLN01 PE FOAM.035" PL

Description of Product: Three Ply Low Density Polyethylene Liner

Detailed Product Description: This product is a three ply liner consisting of foamed Low Density Polyethylene core between two solid layers of Low Density Polyethylene.



Regulatory Compliance:

21 CFR 175.300 Resinous and Polymeric Coatings.
 21 CFR 177.1210 Closures with sealing gaskets for food containers.
 21 CFR 177.1520 Olefin Polymers.
 California Proposition 65 Labeling Requirements
 CONEG
 EU 94/62/EC, Article 11

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 - Solid Polyethylene - Polyethylene Foam - Solid Polyethylene	0.035 inches +/- 10% - 0.035 inches -
Drug Master File	16574
Printed	N/A
Print Color	N/A

Disclaimers:

- These are typical properties.
- All data values and regulatory requirements were obtained from manufacturer product data sheets (where applicable).
- Product data sheets data are intended as a general guide only and do not necessarily represent results that may be obtained elsewhere.
- Use of Mold-Rite Plastics products must be guided by users' methods for selection of proper formulation.
- Mold-Rite Plastics disclaims any responsibility for misuse or misapplication 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.

Represented by



ILLINGTM
P A C K A G I N G

Product Specification Sheet

Illing Part#



MRP DESCRIPTION - (022)PRESSURE SEAL.020 PL

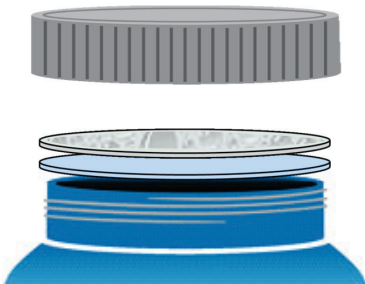
PRODUCT DATA SHEET

PressureSeal 20

- PressureSeal 20 is an inner seal with a construction of polystyrene foam coated with pressure sensitive adhesive.
- The US FDA does not consider liners applied with pressure sensitive adhesive to be an effective tamper-resistant feature.
- Recommended for use with dry products.
- Available with standard or custom print.

Typical Product Attributes

Construction

Polystyrene Foam Pressure Sensitive Adhesive		SI (µm)	US (Mils)
		508,0 50,8 – 76,2	20.0 2.0 – 3.0
		± 10%	± 10%
		25,4 mm ± 1,6 mm	1.0 in ± 0.0625 in

Properties

Oxygen Transmission (O ₂ TR)	Not Tested
Water Vapor Transmission (WVTR)	Not Tested

Regulatory Compliance

FDA Compliance	21 CFR 177.1640 Polystyrene and rubber-modified polystyrene. 21 CFR 177.1210 Closures with sealing gaskets for food containers. 21 CFR 175.125 Pressure-sensitive adhesives.
Drug Master File (DMF)	002518
Other Compliances	USFDA Food Allergen Guidelines California Proposition 65 Labeling Requirements Limitations of Heavy Metals in Packaging per CONEG & EU 94/62/EC, Article 11
Safety Data Sheet (SDS) Statement	Safety Data Sheets (SDS) are not required for articles as defined in 29 CFR 1910.1200, the OSHA Hazard Communication Standard (HazCom). This product is an article as defined by HazCom and is not considered to be, or to contain, a hazardous chemical based on evaluations made by our company.

Please note that construction does not reflect adhesive or resin bonding layers, if present.

Revision Number: 4
Revised Date: 2018-06-08

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www.tri-seal.com