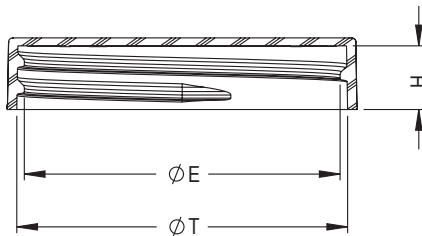
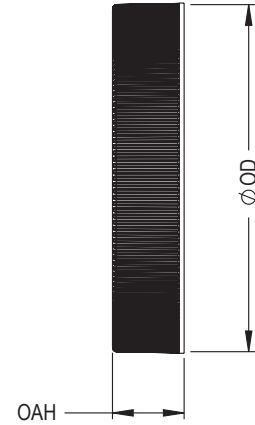
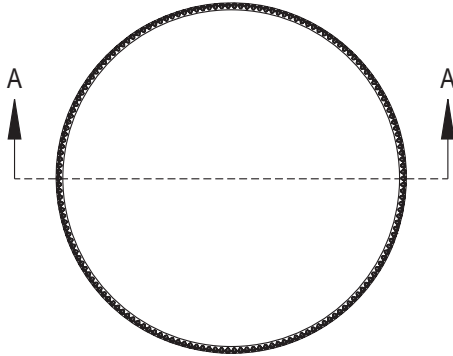




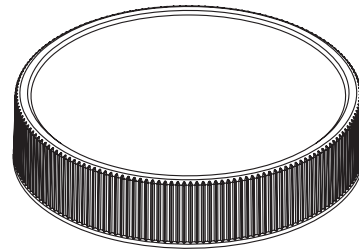
53-400 WHITE PP MATTE TOP, RIBBED SIDE CAP HS 035.020 FOAM PLAIN

Part #: 36534

Size:	53-400 NECK
Color:	WHITE
Material:	PP
Style:	MATTE TOP, RIBBED SIDE CAP
Additional Info:	HS 035.020 FOAM PLAIN
Case Pack:	1300 / EACH
Pallet Pack:	45,500 / EACH



SECTION A-A



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

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

DIMENSIONS PRECEDED BY AN *** INDICATE THE DIMENSION IS
PROCESS SENSITIVE. PROCESS SENSITIVE DIMENSIONS ARE
VERIFIED TO BE WITHIN THE TOLERANCE LIMITS DURING THE
PRODUCTION RUN. ALL REMAINING DIMENSIONS ARE VERIFIED AT
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BECAUSE OF VARIABILITY IN CONTAINER FINISHES, EACH CLOSURE/FINISH SYSTEM SHOULD BE INDIVIDUALLY EVALUATED AND TESTED TO
ENSURE IT MEETS APPLICABLE PERFORMANCE CRITERIA.

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REFERENCE	DIMENSION	TOLERANCE	UNITS
Ø E	1.984 [50.39]	±0.015 [0.38]	in [mm]
Ø T	2.078 [52.78]	±0.015 [0.38]	in [mm]
H	0.400 [10.16]	±0.010 [0.25]	in [mm]
OAH	0.455 [11.56]	±0.010 [0.25]	in [mm]
OD	2.195 [55.75]	±0.015 [0.38]	in [mm]
PART WEIGHT	4.90	± 0.75	g

THREAD DETAIL INFORMATION:	6 THREADS PER INCH	0.167" [4.24] PITCH	450°	FULL DEPTH THREADS
-------------------------------	-----------------------	---------------------	------	-----------------------



DRAWING TITLE:

53-400 CT
RS (RIBBED SIDE, SMOOTH TOP)

MATERIAL: POLYPROPYLENE

DRAWING TYPE: CUSTOMER DISTRIBUTION CODE: D

REPLACES DRAWINGS: C-3012

MODEL NUMBER: PM 10504 53-400 CT

DRAWN BY:	DAS	03/01/2017
ENG APPR:	CAN	7/29/2021
QA APPR:	TEM	08/20/2021

DWG SIZE:	8.5" x 11"
SCALE:	1:1 & NOTED
SHEET:	1 OF 3

DRAWING NUMBER:	REVISION:
CQA-10510	00.AE

Represented by

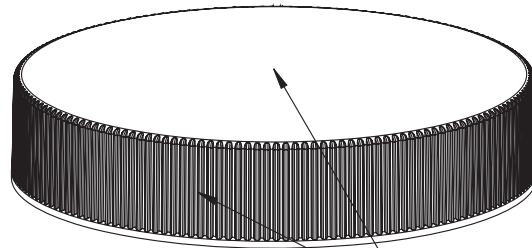


ILLINGTM
P A C K A G I N G

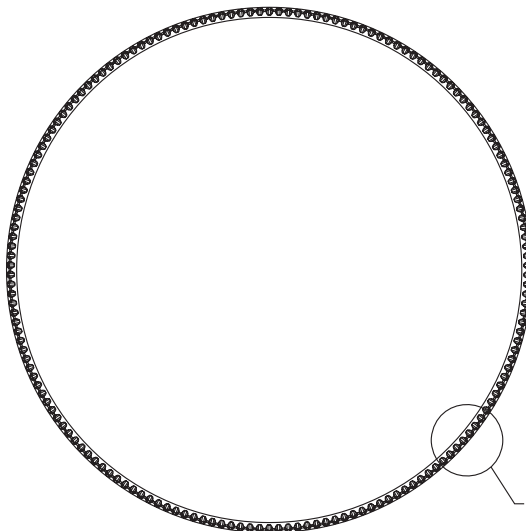
Product Specification Sheet

Illing Part#

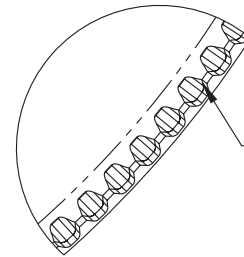
36534



SEE TABLE FOR
GATE LOCATION



RIBS



175 EQUALLY
SPACED RIBS

DETAIL RIBS
SCALE 6 : 1

MOLD NUMBER	GATE LOCATION
53001	SIDE
53006	SIDE
53008	SIDE
53013	TOP

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

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AND REQUIREMENTS.

DATE	REV	N/P	DESCRIPTION	ENG	DRW
06/16/2023	00	AE	UPDATE DRAWING FORMAT & LOGO	LES	LES
07/30/2021	00	AD	UPDATED PART WEIGHT TOLERANCE FROM ± 0.65 TO ± 0.75	CAN	CAN
04/23/2021	00	AC	UPDATED RECOMMENDED NECK FINISH H DIMENSION (PAGE 3) CORRECTED PRODUCT DIMENSION TABLE BACK TO REVISION 00.AA, UPDATED WEIGHT AND TOLERANCE FROM 4.50 ± 0.80 TO 4.90 ± 0.65 BASED ON HISTORICAL PRODUCTION DATA	CAN	CAN
08/16/2017	00	AB	ADDED GATE LOCATION TABLE. SPECIFICATIONS UPDATED BASED ON PRODUCTION CAPABILITY.	JDM	DAS
03/01/2017	00	AA	UPDATED DRAWING FORMAT AND ASSIGNED NEW DRAWING NUMBER	JDM	DAS

REVISION HISTORY

REVISIONS: REV: A PHYSICAL CHANGE TO THE PART IMPACTING FIT, FORM OR FUNCTION
N/P: DRAWING OR SPECIFICATION CHANGE ONLY

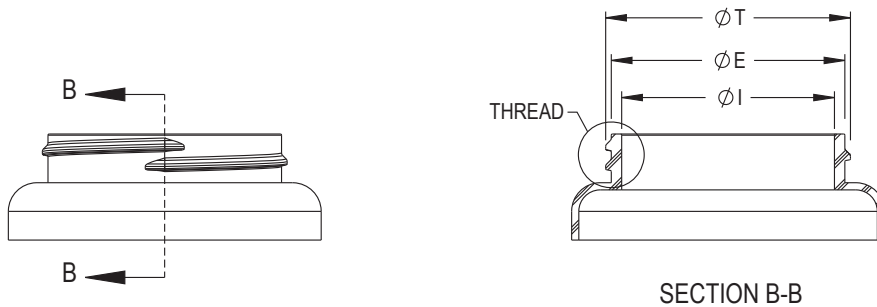
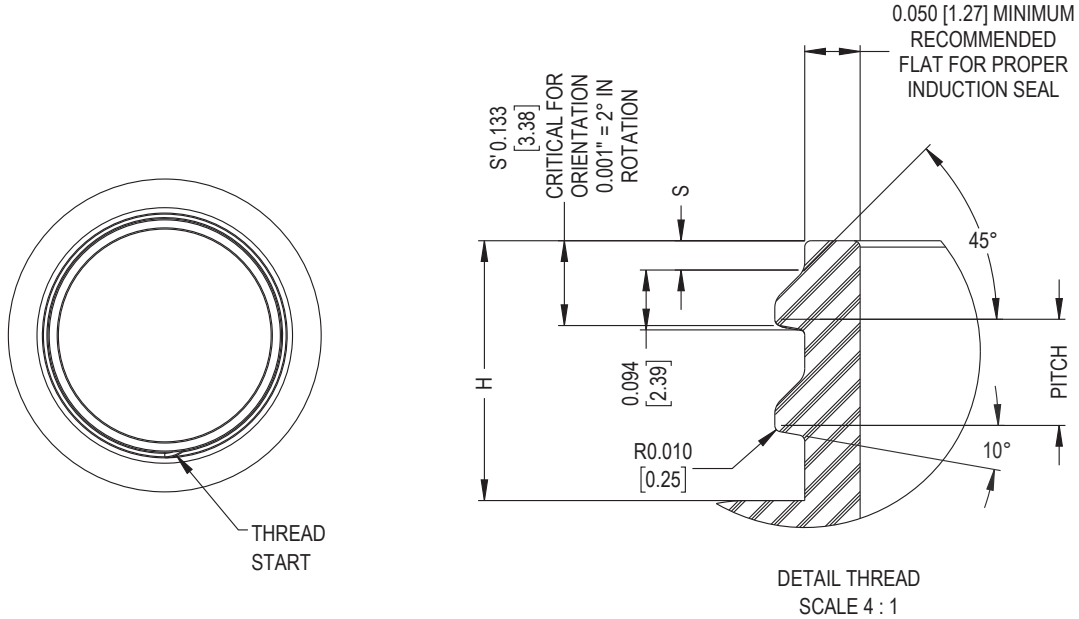


DRAWING TITLE:

53-400 CT
RS (RIBBED SIDE, SMOOTH TOP)

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DRAWING TYPE: CUSTOMER	DISTRIBUTION CODE: D
DWG SIZE: 8.5" x 11"	DRAWING NUMBER: CQA-10510
SCALE: 3:2 & NOTED	SHEET: 2 OF 3
REVISION: 00.AE	



RECOMMENDED NECK FINISH IS DETERMINED FOR PROPER FUNCTIONAL PERFORMANCE WITH MOLD-RITE CLOSURE. USE OF MOLD-RITE CLOSURE WITH CONTAINER NOT MATCHING RECOMMENDED NECK FINISH SHOULD BE TESTED AND CONFIRMED FOR APPLICATION BY THE USER.

NOMINAL ORIENTATION OF CLOSURE (IF INDICATED) IS BASED ON NOMINAL DIMENSIONS OF BOTH CLOSURE AND RECOMMENDED NECK FINISH. FOR EXACT ORIENTATION, EACH CONTAINER SHOULD BE EVALUATED ON A CASE BY CASE BASIS.

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

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NECK FINISH DIMENSIONS ASSUME ZERO THICKNESS (NO) LINER			
REFERENCE	DIMENSION	TOLERANCE	UNITS
Ø E	1.956 [49.68]	±0.017 [0.43]	in [mm]
Ø T	2.050 [52.07]	±0.017 [0.43]	in [mm]
Ø I	1.578 [40.08]	MINIMUM	in [mm]
S	0.046 [1.17]	±0.015 [0.38]	in [mm]
H	0.413 [10.49]	MINIMUM	in [mm]
THREADS PER INCH	6		
PITCH	0.167 [4.24]		in [mm]

MRP solutions
Packaging with purpose.

DRAWING TITLE:
53-400 CT
RS (RIBBED SIDE, SMOOTH TOP)
RECOMMENDED NECK FINISH

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DRAWING TYPE: CUSTOMER	DISTRIBUTION CODE: D
DWG SIZE: 8.5" x 11"	DRAWING NUMBER: CQA-10510
SCALE: 3/4 & NOTED	SHEET: 3 OF 3
	REVISION: 00.AE



PRODUCT DATA SHEET

HS 035 HEAT SEAL/20F

MRP Description - (011)HS035.020 FOAM PLAIN

PRODUCT DESCRIPTION

Description: A paper-backed aluminum foil coated with a clear heat sealable coating blend of high molecular weight ethylene and vinyl acetate copolymers laminated to polystyrene foam.

FDA Status: Complies with Federal Regulations of H.E.W., FDA, sections 175.105, 175.300, 176.170, 176.180, 177.1350, 178.3710, and 182.1. It is entered in SANCAP Liner's food master file FMF 166 and drug master file DMF 2518.

PHYSICAL AND CHEMICAL PROPERTIES

1. **Color** Aluminum
2. **Thickness, mils**
 - a) Overall 22.41 - 28.33
 - b) Heat Seal Coating 1.50 - 3.00
 - c) Aluminum Foil 0.31 - 0.38
 - d) Paper 2.60 - 3.00
 - e) Foam 18.00 - 22.00
3. **Basis Wt. Lbs./Ream 3000 ft.²**
 - a) Overall 134.3 - 176.9
 - b) Heat Seal Coating 20.7 - 41.9
 - c) Aluminum Foil 13.3 - 16.2
 - d) Paper 33.3 - 36.8
 - e) Foam 67.0 - 82.0
4. **Heat Seal Coating**
 - a) Melting Point °F 150 - 160
 - b) Blocking Point °F 130 - 135
5. **Gas Transmission: cc/cin²/24hrs/1atm**
 - a) Oxygen nil
6. **Water Vapor Transmission**
 - a) gm/cin²/24hrs/100°F/90%RH Near zero

RECOMMENDED STORAGE CONDITIONS

The material should be stored in well-ventilated area (temp. 60° - 80°F; RH - 40% - 60%). Material and lined closures are heat sensitive. Storage or shipping temperatures should not be in excess of 105°F. Curling, blocking, splitting, or foil separation may result. If material becomes chilled, it should be stored under the recommended conditions until stabilized. Avoid storing closure liner materials over 60 days. Metal foil is prone to corrosion.

SUGGESTED PRODUCT USES

Material is an induction heat sealable tamper indicating innerseal which can be used for over-the-counter drug products on Polyethylene, Glass*, PET, PVC, Polystyrene, and Polypropylene.

Dry Products
Milk
Peroxide

Fruit Juices
Glass Cleaner
Spices

Product applications listed above are a partial listing and do not cover all suitable applications. These are recommendations for general categories and user must test for suitability for their specific product. Not suitable for products containing oil.

***Glass must be treated for proper adhesion.**

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