

Represented by



ILLINGTM
P A C K A G I N G

Product Specification Sheet

Illing Part#

3650ST

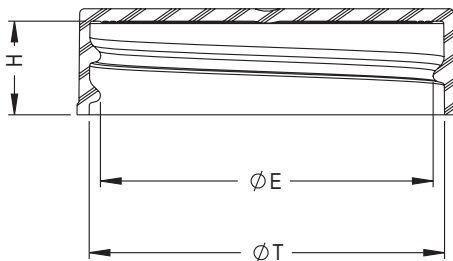
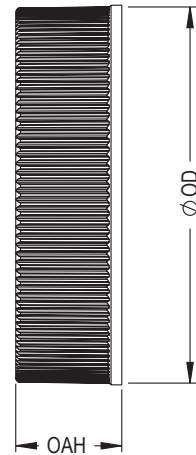
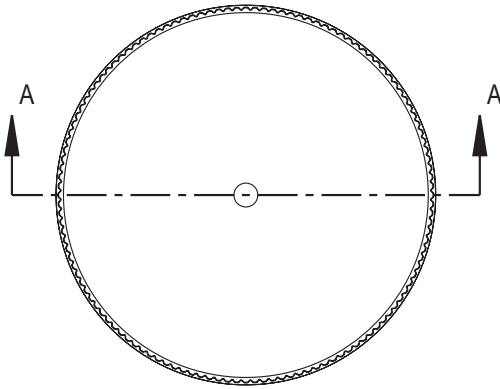
38-400 WHITE PP CAP RIBBED SIDE SMOOTH TOP F217 035(.024) LINER

Part #: 3650ST

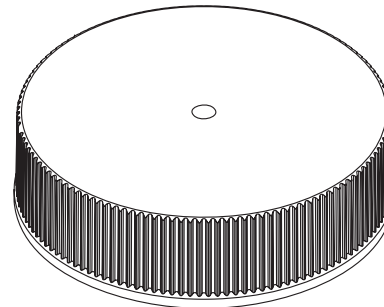
Size:	38-400 NECK
Color:	WHITE
Material:	PP
Style:	RIBBED SIDES SMOOTH TOP CAP
Additional Info:	F217 035(.024) LINER
Case Pack:	2900 / EACH
Pallet Pack:	101500 / EACH



www.illingpackaging.com



SECTION A-A



STATIC TORQUE RECOMMENDATION: 17-26 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
PRODUCTION VALIDATION.

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

THREAD DETAIL INFORMATION:	6 THREADS PER INCH	0.167" [4.24] PITCH	430°	FULL DEPTH THREADS
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DRAWING TITLE:

**38-400 CT CLOSURE
RS (RIBBED - SMOOTH)**

MATERIAL: POLYPROPYLENE

DRAWING TYPE: CUSTOMER DISTRIBUTION CODE: D

REPLACES DRAWINGS: C-3008

MODEL NUMBER: PM 10498 38-400 CT

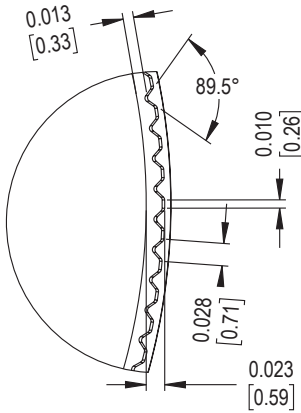
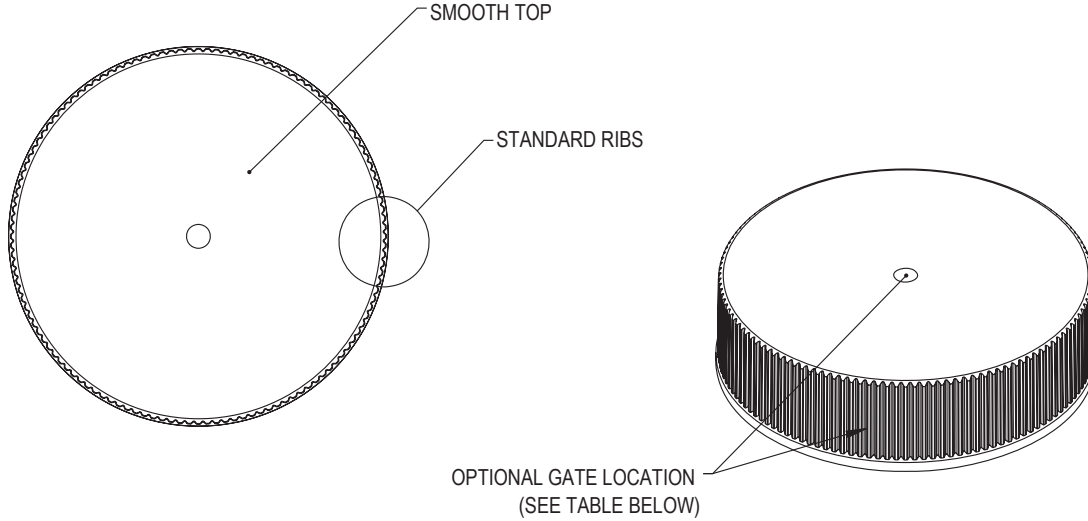
DWG SIZE: 8.5" x 11" DRAWING NUMBER: REVISION:

SCALE: SHEET: 1 OF 3 CQA-10015 00.AE

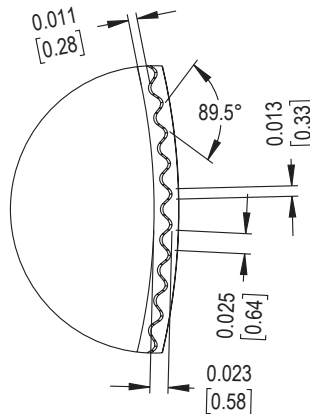
DRAWN BY: DAS 5/4/2017

ENG APPR: CAN 4/9/2021

QA APPR: DMG 04/14/2021



DETAIL STANDARD RIBS
SCALE 5 : 1
EQUISPACED RIBS (SEE CHART)



DETAIL MOLD 469 RIBS
SCALE 5 : 1
EQUISPACED RIBS (SEE CHART)

MOLD NUMBER	RIB COUNT	GATE LOCATION
38003	118	SIDE
38004	118	SIDE
38011	118	SIDE
38012	118	SIDE
38015	118	SIDE
38016	118	SIDE
38024	118	SIDE
38025	118	SIDE
38030	118	TOP CENTER
38034	118	TOP CENTER
38035	118	SIDE
469	128	TOP CENTER

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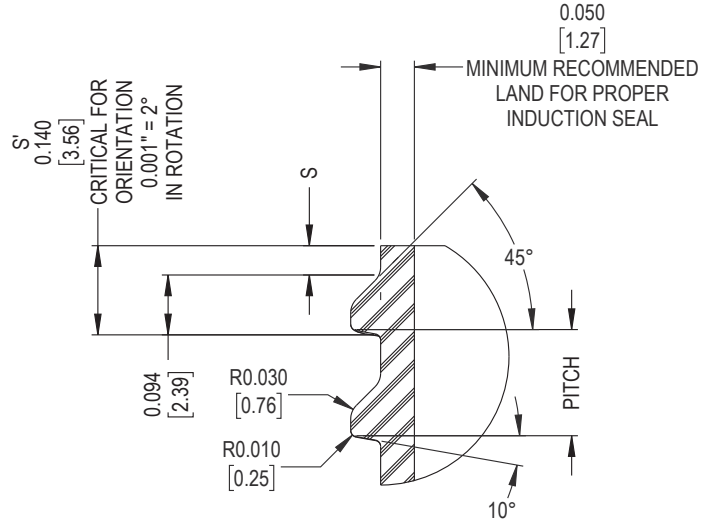
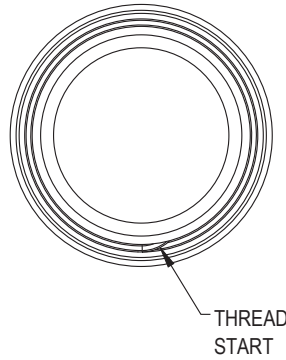
DATE	REV	N/P	DESCRIPTION	ENG	DRW
06/27/2023	00	AE	UPDATE DRAWING FORMAT & LOGO	LES	LES
04/09/2021	00	AD	ADD 38034, 38035, 469 TO GATE LOCATION TABLE. ADDED RIB COUNT AND MOLD 469 RIB VIEW	CAN	CRS
12/20/2018	00	AC	DRAWING UPDATED TO REFLECT HISTORICAL RUN DATA & PROCESS CAPABILITY. NO CHANGES TO THE STEEL OR PART HAVE OCCURRED. UPDATED RNF TO MATCH PRODUCT SPECIFICATIONS.	BDG	AMK
04/12/2017	00	AB	UPDATED DRAWING FORMAT	JDM	DAS
02/26/2014	00	AA	INITIAL RELEASE	CM	LB
REVISION HISTORY					
REVISIONS: REV: A PHYSICAL CHANGE TO THE PART IMPACTING FIT, FORM OR FUNCTION N/P: DRAWING OR SPECIFICATION CHANGE ONLY					



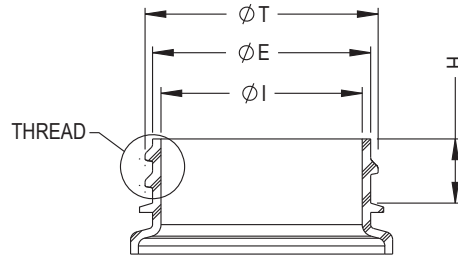
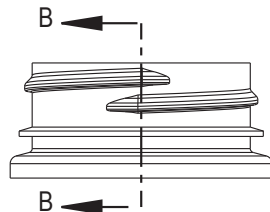
DRAWING TITLE:
**38-400 CT CLOSURE
RS (RIBBED - SMOOTH)**

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DRAWING TYPE: CUSTOMER	DISTRIBUTION CODE: D
DWG SIZE: 8.5" x 11"	DRAWING NUMBER: CQA-10015
SCALE: 3:2 & NOTED	SHEET: 2 OF 3
	REVISION: 00.AE



DETAIL THREAD
SCALE 4 : 1



SECTION B-B

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.

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NECK FINISH DIMENSIONS ASSUME ZERO THICKNESS (NO) LINER			
REFERENCE	DIMENSION	TOLERANCE	UNITS
Ø E	1.370 [34.80]	±0.012 [0.30]	in [mm]
Ø T	1.464 [37.19]	±0.012 [0.30]	in [mm]
Ø I	0.987 [25.07]	MINIMUM	in [mm]
S	0.046 [1.17]	±0.015 [0.38]	in [mm]
H	0.400 [10.16]	MINIMUM	in [mm]
THREADS PER INCH	6		
PITCH	0.167 [4.24]		in [mm]

MRP solutions
Packaging with purpose.

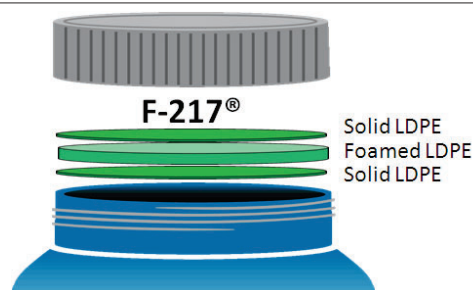
DRAWING TITLE:
38-400 CT CLOSURE
RS (RIBBED - SMOOTH)
RECOMMENDED NECK FINISH

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DRAWING TYPE: CUSTOMER	DISTRIBUTION CODE: D
DWG SIZE: 8.5" x 11"	DRAWING NUMBER: CQA-10015
SCALE: 1:1 & NOTED	REVISION: 00.AE


TRI-SEALTM PRODUCT DATA SHEET


- This data sheet describes F-217[®] products
- This product is a three-ply co-extruded liner consisting of a foamed Low Density Polyethylene (LDPE) core sandwiched between two layers of solid Low Density Polyethylene



MRP Description - (024)F217.035 PL

Typical Product Attributes
Construction

Structure	Solid LDPE / Foamed LDPE / Solid LDPE	Solid LDPE / Foamed LDPE / Solid LDPE
Color	White or as Specified	White or as Specified
Density		
for 20 ~ 30 mil (0,51 ~ 0,76 mm)	0,48 ± 0,03 g / cm ³	30 ± 2 lbs / ft ³
for 35 ~ 125 mil (0,89 ~ 3,18 mm)	0,40 ± 0,03 g / cm ³	25 ± 2 lbs / ft ³
Thickness Tolerance		
for 20 ~ 60 mil (0,51 ~ 1,52 mm)	± 0,127 mm	± 5 mil
for 65 ~ 90 mil (1,65 ~ 2,29 mm)	± 0,178 mm	± 7 mil
for 95 ~ 125 mil (2,41 ~ 3,18 mm)	± 0,254 mm	± 10 mil
Available Width		
for 20 ~ 60 mil (0,51 ~ 1,52 mm)	22,2 ~ 1016,0 mm	7/8 ~ 40 inch
for 65 ~ 125 mil (1,65 ~ 3,18 mm)	25,4 ~ 228,6 mm	1 ~ 9 inch
Width tolerance	± 1,6 mm	± 1/16 inch

Regulatory Compliance

FDA Compliance	21 CFR 177.1520 (Olefin Polymers) 21 CFR 177.1210 (Closures with Sealing Gaskets for Food Containers) 21 CFR 175.300 (Resinous and Polymeric Coatings)
Drug Master File (DMF)	2434
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

 Original Date: 08/05/1997
 Revised Date: 01/31/2011
 Revision Number: 5
 Revised by SR

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