

Represented by



ILLINGTM
P A C K A G I N G

Product Specification Sheet

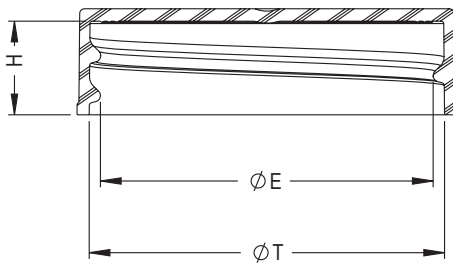
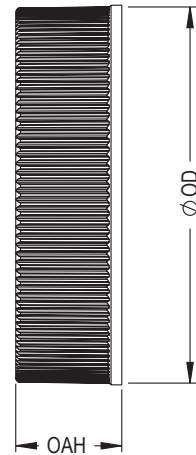
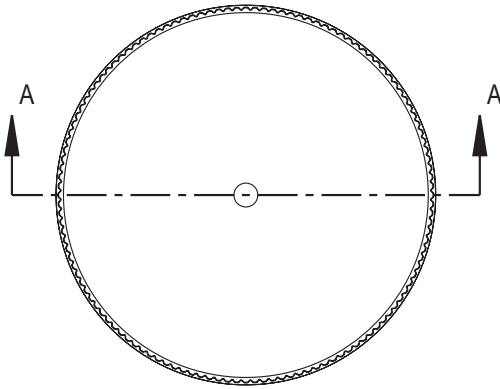
Illing Part#

3650TGF

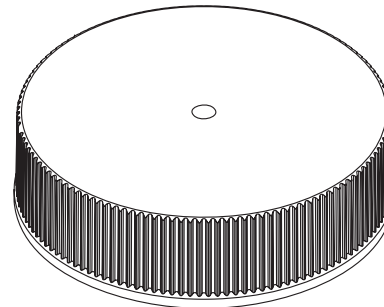
38-400 WHITE PP CAP W-TG-SPE.035 PL

Part #: 3650TGF

Size:	38-400 NECK
Color:	WHITE
Material:	PP
Style:	PLASTIC CAP
Additional Info:	TG-SPE.035 PL
Case Pack:	2900 / EACH
Pallet Pack:	101500 / EACH



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

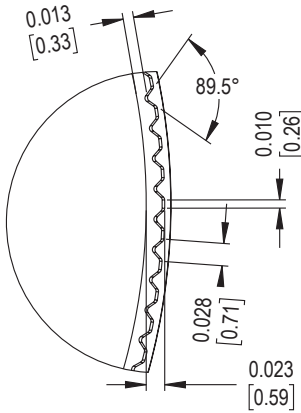
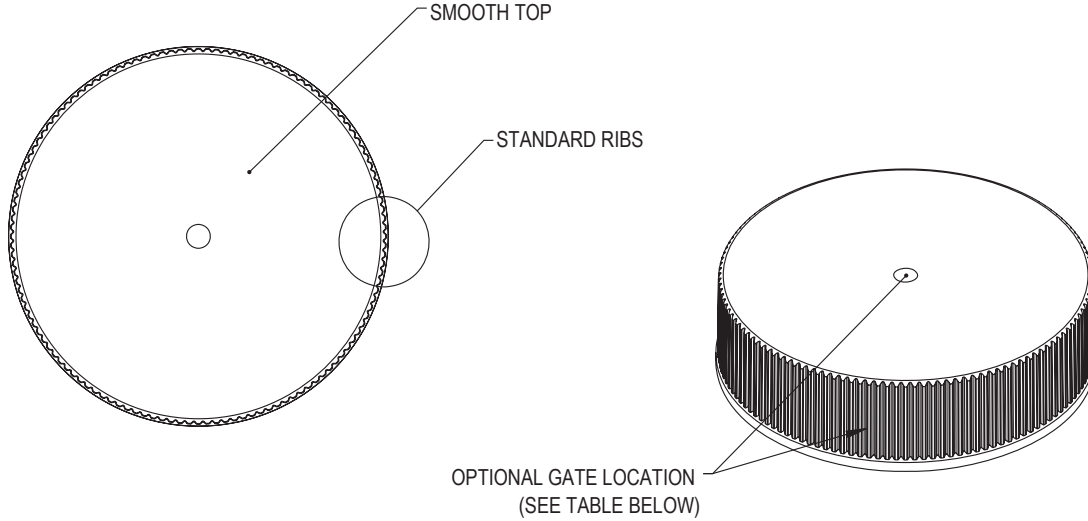
REPLACES DRAWINGS: C-3008

MODEL NUMBER: PM 10498 38-400 CT

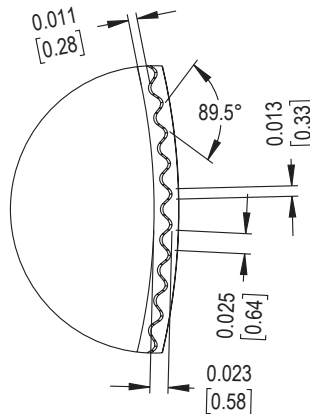
DWG SIZE: 8.5" x 11" DRAWING NUMBER: REVISION:

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

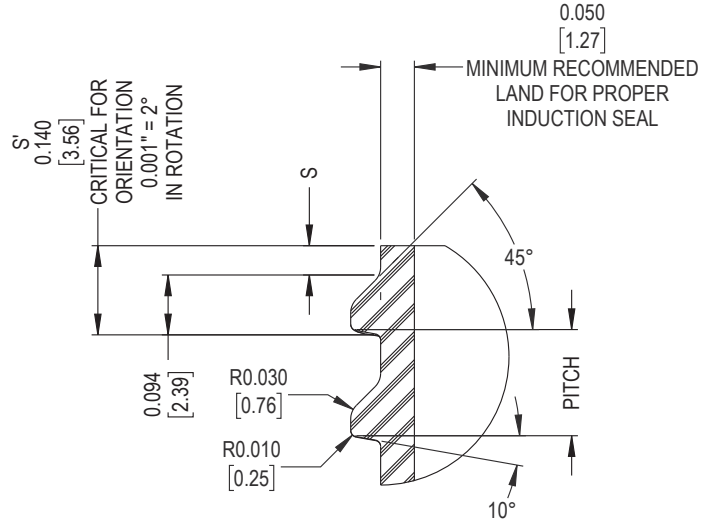
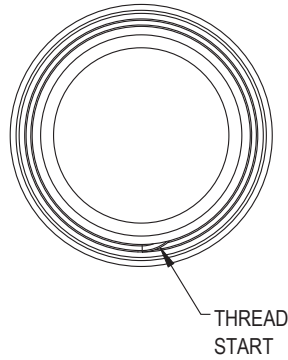


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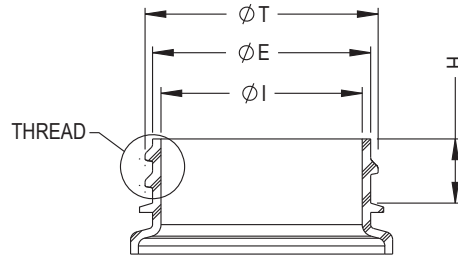
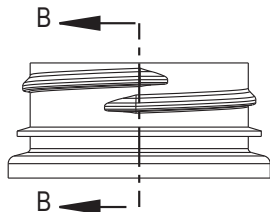
**38-400 CT CLOSURE
RS (RIBBED - SMOOTH)**

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



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

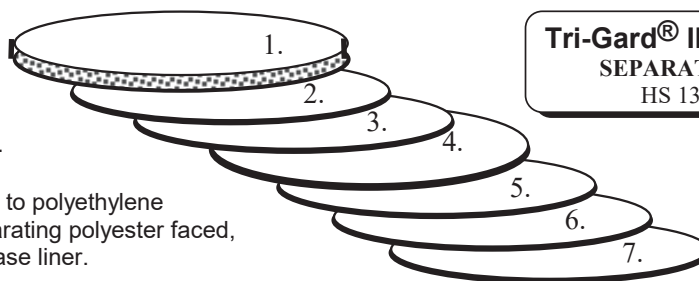


112 Church Street Extension, Flemington, New Jersey 08822 (908) 782-4000 Fax: (908) 782-0990

TECHNICAL DATA SHEET

 MRP Description -
 (TGE)TRI-GARD II TSPE.035 PL

Description: A fused induction seal to polyethylene containers with a separating polyester faced, polypropylene foam base liner.


Tri-Gard® II -TS PE
 SEPARATING
 HS 130

SPECIFICATIONS

Property	Value
Odor	None Detected
Taste	None Detected
GTR	Near Zero
MVTR	Near Zero

Available Web Width		
Minimum [in/mm]	Maximum [in/mm]	Deviation [in/mm]
1" / 25.4mm	40" / 1016mm	+/- 1/16" / 1.6mm

Construction

	Material	Thickness [in]	Thickness [mm]
1.	Co-extruded PP Foam with PP skins	0.0300	0.762
2.	Polyester	0.0005	0.013
3.	Wax	0.0005	0.013
4.	White Paper	0.0050	0.130
5.	Aluminum Foil	0.0010	0.026
6.	Polyester	0.0005	0.013
7.	Polyethylene Heat Seal	0.0015	0.039
	Total Structure	0.037 +/- 0.003	0.94 +/- 0.1

Code of Federal Regulations Compliance: Complies to the following CFR's

21CFR177.1520 Olefin polymers.
 21CFR177.1210 Closures with sealing gaskets for food containers.
 21CFR178.2010 Antioxidants and or stabilizers for polymers.
 21CFR175.300 Resinous and polymeric coatings.

Original Date 04/07/00
Revised Date: 06/20/01
Revision Number:1

DMF Status: The component materials are listed in DMF 2434 and/or 1378

The aforementioned technical information and any recommendation are based on Tri-Seal's Laboratory Findings and are believed to be true and accurate, but we strongly recommend that our customers perform appropriate tests they feel necessary to ensure the compatibility and stability of any given product with ours. Tri-Seal, a Tekni-Plex Co. guarantees to replace any quantity proved to be defective. We will not be held liable for any injury, loss or change, whether direct, incidental or consequential, due to the use of or inability to use the product due to a breach of warranty of any agreement between Tri-Seal and the purchaser. Unless contained in this data sheet or agreed to in writing by the officers of the seller and user no other warranty will be honored.