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ILLINGTM
P A C K A G I N G

Product Specification Sheet

Illing Part#

3611ATHEA

89 MM WHT PP FLIP TOP CAP POUR OPENING WITH HEAT SEAL FOIL

Part #: 3611ATHEA

Size:	89MM-400
Color:	WHITE
Material:	POLYPROPYLENE
Style:	FLAPPER POUR
Additional Info:	MATTE FINISH, HEAT SEAL FOIL
Case Pack:	300/EA
Pallet Pack:	8,400/EA



www.illingpackaging.com

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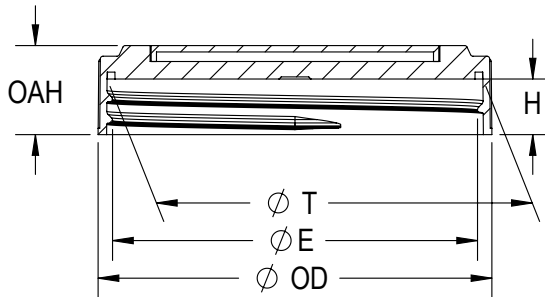
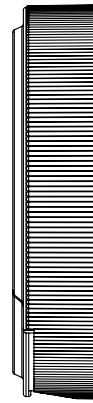
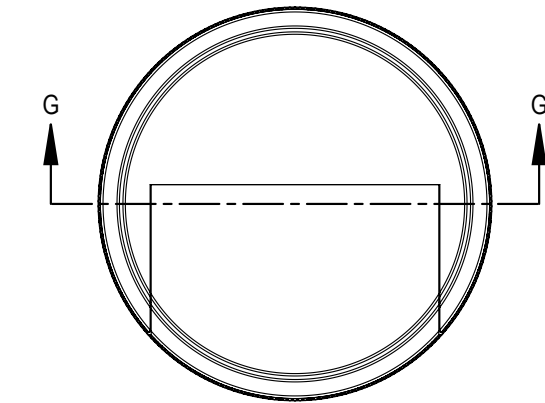


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SECTION G-G
SCALE 1 : 1.5

THREAD DETAIL INFORMATION

5 THREADS PER INCH, 0.200 PITCH, 1-1/4 TURNS

REFERENCE	TOLERANCE	DIMENSION	UNITS
E	±0.018 [0.46]	3.439 [87.35]	in [mm]
T	±0.018 [0.46]	3.550 [90.17]	in [mm]
H	±0.010 [0.25]	0.524 [13.31]	in [mm]
OD	±0.025 [0.64]	3.680 [93.47]	in [mm]
OAH	±0.015 [0.38]	0.839 [21.31]	in [mm]
PART WEIGHT	± 0.50	24.5	g
OPENING FORCE	± 2.5	4.5	lbf

STATIC TORQUE RECOMMENDATION

40-70 in-lbs

THIS REQUIREMENT MAY VARY DEPENDING UPON BOTTLE MATERIAL, NECK FINISH, AND CAPPING EQUIPMENT

DRAWING TYPE : CUSTOMER

REPLACES DRAWINGS:
S-176-00-01 AB

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°

PROPRIETARY AND CONFIDENTIAL

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DISTRIBUTION
CODE
D

DRAWING NAME
**89-400 FLAPPER
POUR**

DRAWING NUMBER
CQA - 10501

MATERIAL
POLYPROPYLENE

MODEL NUMBER:
PM 10500 89-400 FLAPPER

SCALE
1:2

SHEET SIZE
8.5 X 11

SHEET
1 of 3

REV.NP
00.AA

DRAWN BY: DAS 2/6/2017
ENG APPR: BDG 4/25/2017
QA APPR: CAB 05/09/2017

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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Product Specification Sheet

Illing Part#

3611ATHEA



Freshness and Protection for Today's Packaging

FoilSeal™ Technical Data Sheet

.008" C1S FS 3-25

Revision: FS325-09252013

Product	.008" C1S FS 3-25														
Scope	One piece board backed heat induction foil innerseal will provide an aggressive bond with clean peel removal from PET and PVC containers. (.0005" foil version of FS 3-19). Easy access / "puncture foil" when wax bonded to pulp.														
Composition	<table><thead><tr><th>Material</th><th>Standard</th><th>Metric</th></tr></thead><tbody><tr><td>Backing</td><td>.008"</td><td>.2032mm</td></tr><tr><td>Foil</td><td>.0005"</td><td>.0127mm</td></tr><tr><td>Heat Seal</td><td>.0005"</td><td>.0127mm</td></tr></tbody></table>	Material	Standard	Metric	Backing	.008"	.2032mm	Foil	.0005"	.0127mm	Heat Seal	.0005"	.0127mm		
	Material	Standard	Metric												
Backing	.008"	.2032mm													
Foil	.0005"	.0127mm													
Heat Seal	.0005"	.0127mm													
Adhesive or resin bonding layers not shown.															
FDA Status: 21 CFR 177.1210		Recommended Storage and Handling: Refer to Website													
Drug Master File (DMF): #4544		EU / EP Reg.:													
GTR Oxygen: Essentially Zero		MVTR: Essentially Zero													
Print Location (if any): Heat Seal Layer and/or Backing															

Selig materials are compliant with current USFDA Food allergen Guidelines.

Selig materials are compliant with California Proposition 65 labeling requirements.

Selig materials are compliant with limitation of heavy metals in packaging per CONEG & EU 94/62/EC, article 11.

MSDS's are not required as Selig is not a chemical manufacturer or distributor and our products are 'articles' intended for food packaging per 29 CFR 1910.1200 (HazCom).

The information contained within this product data bulletin is to be used as a general guide in determining which structures are offered for sealing to specific container materials. All of the information which we provide is reliable to the best of our knowledge, but the accuracy thereof is not guaranteed. We suggest that consumers determine suitability for their own application.

www.seligsealing.com

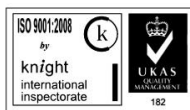
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May 8, 2019

FDA STATUS**Food Contact Material Information for:**

Product Number: PWL 72224
 Color Name: 0.35% WHITE FDA
 Suggested LDR: 286/1

All substances used in the manufacture of this product are cleared for use; in 21 CFR Parts 170-184 by specific citation, under a specific Food Contact Notification (FCN), Generally Recognized as Safe (GRAS), or by legal opinion.

This product may be safely used in articles or components of articles intended for use in contact with food, when used in accordance with 21 CFR Part 174.5 and within the usage restrictions listed below. (See Table 1 – Types of Raw and Processed Foods, and Table 2 - Conditions of Use, listed in 21 CFR 176.170(c).)

<http://www.fda.gov/Food/IngredientsPackagingLabeling/PackagingFCS/FoodTypesConditionsofUse/default.htm>

Usage Restrictions:

Resin: PP Only.
 Part: No Restrictions due to colorant.
 Food Types: No Restrictions due to colorant.
 Conditions of Use: A – H Only.
 Maximum LDR: 10 %. (Do not use more than reasonably required, as per 21 CFR 174.5.)

This formula's raw materials are cleared for use within the following categories:

Pigments & Additives: 178.2010, 177.1520, 178.3297, 170.39, FCN, 178.3720,
 177.1520(c)2.1,(c)2.2,(c)2.3
 Liquid Carrier: 172.878, 177.1430, 178.3400, 178.3620(a), Food Ingredient

FORMULATION STATUS

- 1) CONEG Certification - This product does not contain the intentional addition of Lead, Mercury, Cadmium, or Hexavalent Chromium. Where these metals are incidentally present, they do not exceed the 1994 total concentration limits set forth by CONEG of 100 ppm.
- 2) Allergens - This product is not formulated with known allergens, such as: nuts, milk or milk products, eggs, wheat (gluten), soy, fish or shellfish, sulfites, food colors or celery.
- 3) Latex - No materials containing latex or natural rubber are used in the manufacturing, handling and packaging processes for this product.
- 4) ODS's - Ozone depleting substances are not used in the manufacture of this product.
- 5) BSE/TSE - This product is not formulated with prohibited cattle material, as per Interim Final Rule to 21 CFR Parts 189 and 700. Also compliant with (EMA/410/01 rev. 3) (2011/C 73/01) section 4.

Carcinogens, Mutagens, and Reproductive Toxins –

- 6) Endocrine Disruptors - This product is not knowingly formulated with Alkyl Phenols, Alkyl Phenol Ethoxylates (APE's), benzophenone, Bisphenol A, Bisphenol A diglycidyl ether (**BADGE**), Bisphenol F