



FPT300F

Homopolymer Polypropylene

- Good Mold Release, Excellent Part Finish (Low Bloom)
- Suggested Uses Include Housewares, Caps and Closures, Mugs / Cups, Thin-Walled Containers

Property	Units	Typical Value	Test Method
Nominal Melt Flow Rate (230°C/2.16kg)	g/10 min	30	ASTM D1238
Tensile Strength at Yield (2 in/min, 50 mm/min)	psi MPa	4,800 33	ASTM D638
Elongation at Yield (2 in/min, 50 mm/min)	%	10	ASTM D638
Flexural Modulus (0.05 in/min, 1.3 mm/min, 1% secant)	psi MPa	200,000 1,379	ASTM D790A
Notched Izod Impact Strength at 23°C	ft-lbs/in J/m	0.7 37	ASTM D256A
Rockwell Hardness	R	104	ASTM D785

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For cautions and other information relating to handling of
and exposure to this product, please see material safety
data sheet code number C4001 published by Braskem.

550 Technology Drive
Pittsburgh, PA 15219
1-800-223-8871

Revision Date: Monday,
March 23, 2009
www.braskem.com

	Raw Material Product Data Sheet	
	Product Name: MRPWH01	Revision #: A
	Revision Date	03/07/2019
	Effective Date	07/01/2019

Product Name:

MRPWH01

Product Description:

FDA Compliant White colorant, intended to be used with injection-molded plastic resin

Product Data:

Additives None

<u>Typical Properties</u>	<u>Typical Value</u>
Delta E Tolerance	Less than 2.00
Visual Evaluation	Visual match to approved color standard

<u>FDA Compliance/Status</u>		
FDA, Title 21 CFR Food & Drug Contact	☒ Compliant	☐ Not

This colorant formulation has been manufactured using FDA approved ingredients and, when used appropriately (with an FDA approved resin), will meet FDA contact applications regulated under the provisions of the Food, Drug, and Cosmetic Act (and subsequent amendments as outlined in Title 21 of the Code of Federal Regulation.

<u>Additional Compliance/Status (and amendments as of the date of this document)</u>		
Proposition 65, Safe Drinking Water and Toxic Enforcement Act	☒ Compliant	☐ Not
CONEG, Model Toxics in Packaging Legislation	☒ Compliant	☐ Not
EU 2015/863, as regards the list of restricted substances, RoHS	☒ Compliant	☐ Not

For further regulatory information, please contact Mold Rite Plastic's customer service or sales department.

This product data sheet addresses all colorants that meet the above requirements & specifications. Data was obtained from supplier product data sheets (where applicable). This data is intended to be used as a guide only. It is ultimately the customer's responsibility to determine the suitability of the material for their specific application, and to be responsible for assuring compliance with all applicable laws and regulations.



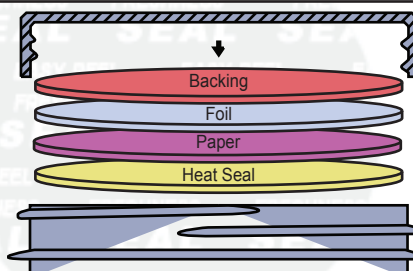
Freshness and Protection for Today's Packaging

FoilSeal™ Technical Data Sheet

.008" C1S FS 5-10

Revision: FS510-08272014

MRP Description - (510)FS5-10/C1S.008 PB PL

Product	.008" C1S FS 5-10		
Scope	One piece board backed heat induction foil innerseal which combines ease of removal with tamper-evident properties. It will seal to all, standard container materials and will allow internal pressure to vent through the paper layer.		
Composition	Material	Standard	Metric
	Backing	.008"	.2032 mm
	Foil	.001"	.0254 mm
	Paper	.005"	.127 mm
	Heat Seal	.0015"	.0381 mm
			
			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.: Does not meet Article 3a of Reg. No. 2023/2006 and Article 3 of Reg. No. 1935/2004.	
GTR Oxygen: 122.1 cc Oxygen/100 IN2 * 24hrs. @ 100° F, ASTM F-2622-08		MVTR: 1.52 gm water/100IN2 * 24 hrs. @ 75° F, ASTM F-1249	
Print Location: Heat Seal Layer and/or Backing			
Sealing to glass containers: Selig can not guarantee the performance or seal integrity of this materials when applied to any glass (treated or untreated) container. We suggest you contact your glass supplier for recommendations on glass treatments that may or may not improve performance or seal integrity.			

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.

Recommended for use with dry food products. Is not suitable for use with fatty or alcoholic food types per ECC Reg. № 10/2011. Determining specific organoleptic compatibility per Article 3a of ECC Reg. № 2023/2006 is the responsibility of the food packager.

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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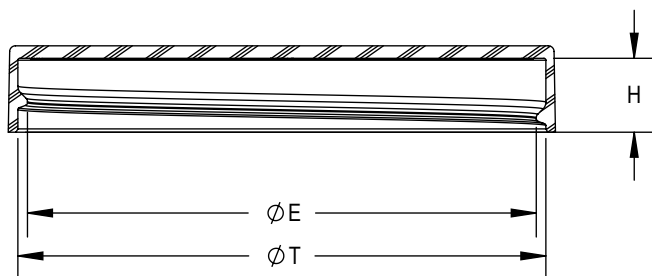
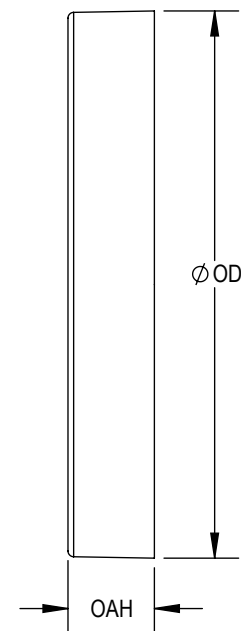
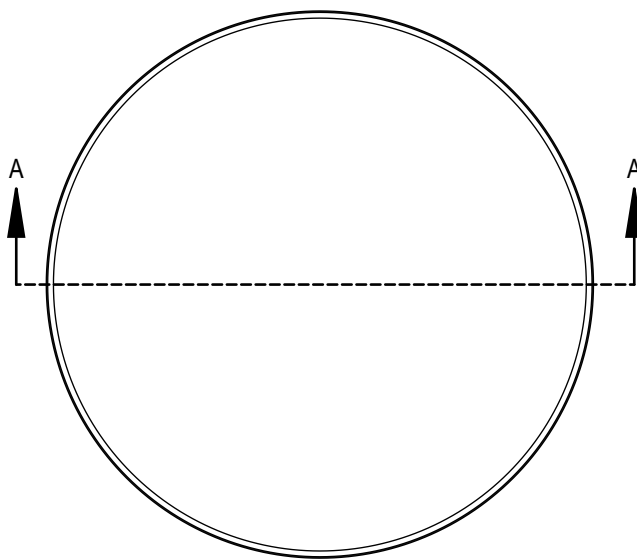
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SECTION A-A

THREAD DETAIL:
6 THREADS PER INCH, 0.167" PITCH

REFERENCE	TOLERANCE	UNITS	DIMENSION
E	±0.015 [0.38]	in [mm]	2.650 [67.31]
T	±0.020 [0.51]	in [mm]	2.750 [69.85]
H	±0.015 [0.38]	in [mm]	0.392 [9.96]
OAH	±0.020 [0.51]	in [mm]	0.450 [11.43]
OD	±0.025 [0.64]	in [mm]	2.850 [72.39]
PART WEIGHT	± 1.5	g	7.8

STATIC TORQUE RECOMMENDATION
28-50 in-lbs
THIS REQUIREMENT MAY VARY DEPENDING
UPON BOTTLE MATERIAL, NECK FINISH, AND
CAPPING EQUIPMENT

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.

DRAWING TYPE : **CUSTOMER**

REPLACES DRAWINGS:
C-1015-S

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

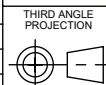
TOLERANCES UNLESS OTHERWISE SPECIFIED

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

70-400 CT CLOSURE
S (Smooth Side Smooth Top)

DRAWING NUMBER

CQA - 10748

MATERIAL

POLYPROPYLENE

MODEL NUMBER:

PM 11104 70-400 CT

SCALE

1:1

SHEET SIZE

8.5" X 11"

SHEET

1 of 3

REV.NP

00.AA

DRAWN BY: JR

6/3/2016

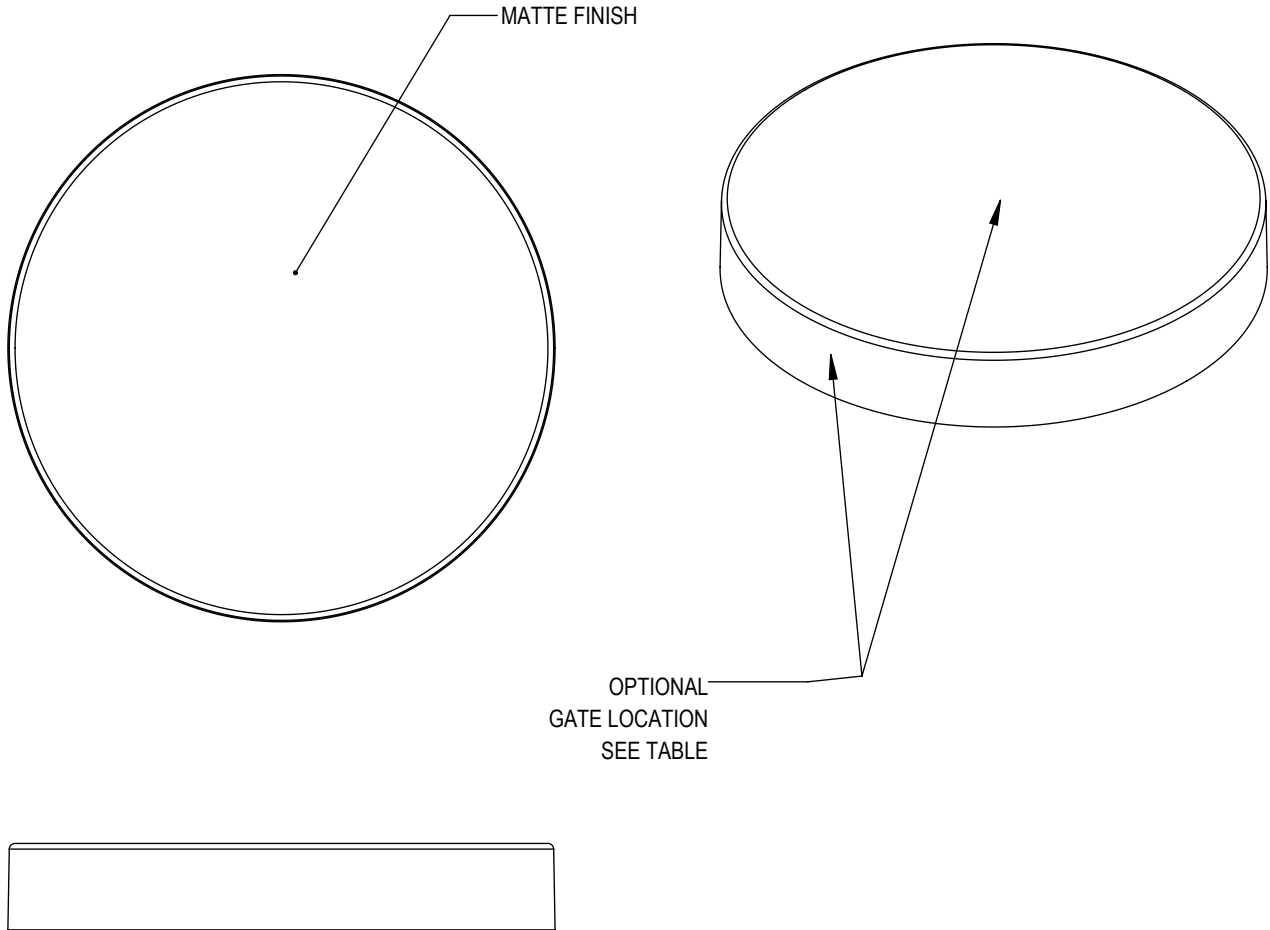
ENG APPR: BDG

4/6/2018

QA APPR: REL

08/13/2018

REVISIONS						
DATE	REV.	N/P	PRODUCT DRAWING REQUEST	DESCRIPTION	ENG	DRW
12/02/2013	01	AA		REDRAWN ON NEW FORMATS	JR	JR
01/19/2018	01	AB	PDR 18-067	UPDATED FORMAT AND ASSIGNED NEW PART NUMBER. DIMENSIONAL SPECIFICATIONS UPDATED BASED ON PRODUCTION CAPABILITY. NO STEEL CHANGES OCCURED.	BDG	DAS



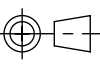
MOLD NUMBER	GATE LOCATION	
	SIDE	TOP
70003	X	
70007	X	
70008		X

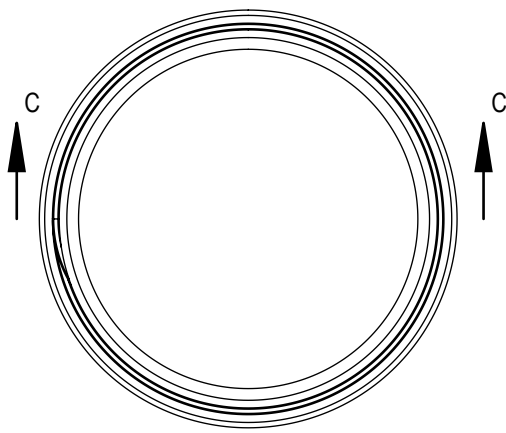
THE CLOSURE DIMENSIONS DEPICTED ARE THOSE WHICH HAVE GENERALLY BEEN FOUND TO BE FUNCTIONAL BASED ON INDUSTRY EXPERIENCE BECAUSE OF VARIABILITY IN GLASS AND PLASTIC CONTAINER FINISHES. EACH CLOSURE/FINISH SYSTEM SHOULD BE INDIVIDUALLY EVALUATED AND TESTED TO ENSURE IT MEETS APPLICABLE PERFORMANCE CRITERIA. SEE QUALITY ASSURANCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

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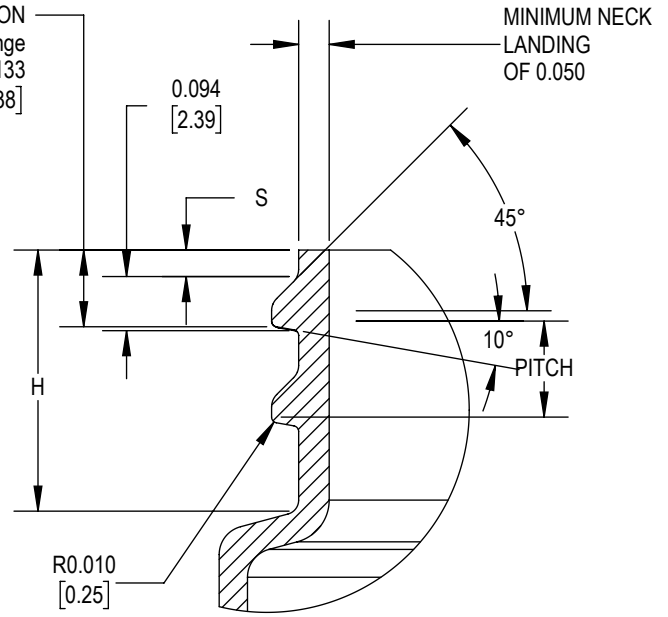
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REFERENCES: 70003 70007 70008		DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED	
TOLERANCES UNLESS OTHERWISE SPECIFIED			
DIMENSION (inches)	TOLERANCE	DIMENSION (mm)	TOLERANCE
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3.938-5.096	±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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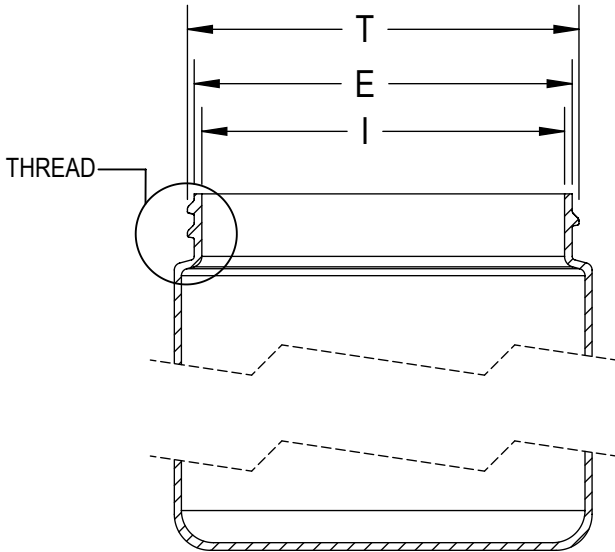
 THIRD ANGLE PROJECTION	DISTRIBUTION CODE D	DRAWING NAME 70-400 CT CLOSURE S (Smooth Side Smooth Top)			
		DRAWING NUMBER CQA - 10748			
DRAWN BY.	JR	6/3/2016	MATERIAL POLYPROPYLENE		
ENG APPR.	BDG	4/6/2018	MODEL NUMBER: PM 11104 70-400 CT		
QA APPR.	REL	08/13/2018	SCALE 1:1	SHEET SIZE 8.5 X 11	SHEET 2 of 3
				REV.NP 00.AA	



CRITICAL FOR ORIENTATION
 .001" = 2 Degrees in Change
 S' 0.133
 [3.38]



DETAIL THREAD
 SCALE 3 : 1



SECTION C-C

REFERENCE	TOLERANCE	UNITS	DIMENSION
E	±0.017 [0.43]	in [mm]	2.625 [66.68]
T	±0.017 [0.43]	in [mm]	2.719 [69.06]
I	MIN	in [mm]	2.232 [56.69]
S	±0.015 [0.38]	in [mm]	0.046 [1.17]
H	MIN	in [mm]	0.408 [10.36]
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.

DRAWING TYPE : CUSTOMER

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

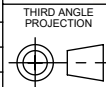
TOLERANCES UNLESS OTHERWISE SPECIFIED

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7.875-9.843	±0.032	201-250	±0.813

ANGULAR TOLERANCE ± 2°

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SOLIDWORKS

DISTRIBUTION CODE

D

DRAWING NAME

70-400 CT CLOSURE
 RECOMMENDED NECK FINISH

DRAWING NUMBER

CQA - 10748

MATERIAL

MODEL NUMBER:

DRAWN BY.

JR

6/3/2016

ENG APPR.

BDG

4/6/2018

QA APPR.

REL

08/13/2018

SCALE

3:4

SHEET SIZE

8.5 X 11

SHEET

3 of 3

REV/N/P

00.AA

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