



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	<input checked="" type="checkbox"/> Compliant	<input type="checkbox"/> 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	<input checked="" type="checkbox"/> Compliant	<input type="checkbox"/> Not
CONEG, Model Toxics in Packaging Legislation	<input checked="" type="checkbox"/> Compliant	<input type="checkbox"/> Not
EU 2015/863, as regards the list of restricted substances, RoHS	<input checked="" type="checkbox"/> Compliant	<input type="checkbox"/> 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.



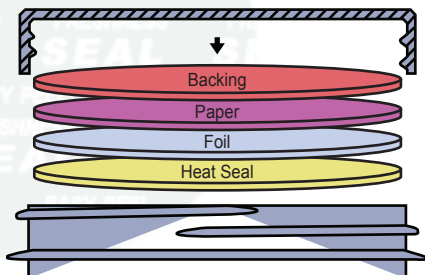
Freshness and Protection
for Today's Packaging

MRP Description -
(58F)FS5-8.020 R SFYP FOAM

FoilSealTM Data Sheet

.020" PS Foam FS5-8

Revision: FS58-01182014

Product	.020" PS Foam FS5-8																	
Scope	One piece foam backed heat induction foil inner seal which will provide a tamper-evident bond to polyethylene, polystyrene, PET, PVC, polypropylene and treated glass containers. It is recommended for liquid products and is an alternative to FS 5-4.																	
Composition	<table><thead><tr><th>Material</th><th>Standard</th><th>Metric</th></tr></thead><tbody><tr><td>Backing</td><td>.020"</td><td>.508 mm</td></tr><tr><td>Paper</td><td>.002"</td><td>.0508mm</td></tr><tr><td>Foil</td><td>.0003"</td><td>.0076mm</td></tr><tr><td>Heat Seal</td><td>.0015"</td><td>.0381mm</td></tr></tbody></table>	Material	Standard	Metric	Backing	.020"	.508 mm	Paper	.002"	.0508mm	Foil	.0003"	.0076mm	Heat Seal	.0015"	.0381mm		
	Material	Standard	Metric															
Backing	.020"	.508 mm																
Paper	.002"	.0508mm																
Foil	.0003"	.0076mm																
Heat Seal	.0015"	.0381mm																
	Composition does not include adhesive, resin or wax bonding layers (if any).																	
FDA Status: 21 CFR 177.1210		Recommended Storage and Handling:																
Drug Master File (DFM): #4544		Canadian DMF:	EU / EP Reg.:															
GTR Oxygen: Essentially Zero	MVTR: Essentially Zero	Print Locatoin (if any): 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.

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.

Manufacturing & Customer Service:

342 E. Wabash St.
Forrest, IL 61741, USA
Phone: +1 (815) 657-8233
Fax: +1 (815) 657-7584

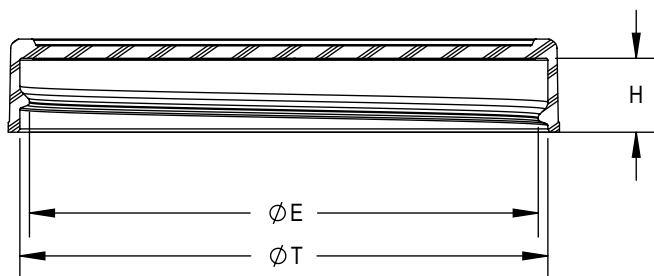
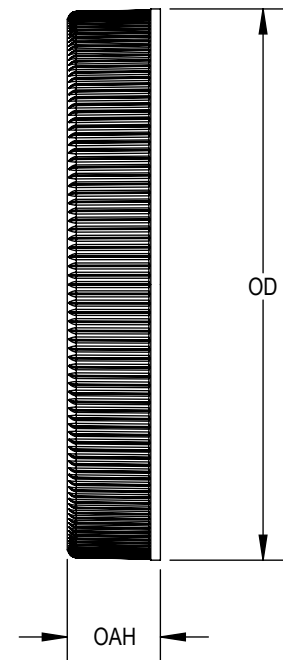
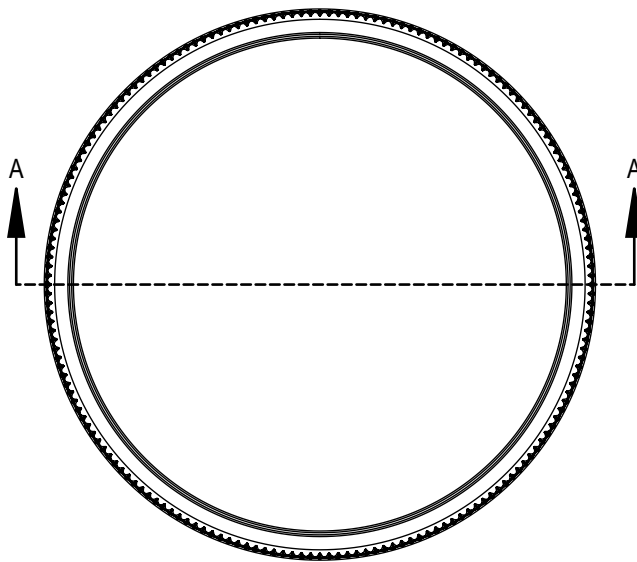
North American Sales:

2132 Deep Water Lane
Naperville, IL 60564, USA
Phone: +1 (630) 922-3158
Fax: +1 (630) 922-8469
www.seligsealing.com

Selig Europe:

Warrington Road
High Legh
Nr Knutsford
Cheshire WA16 0RT
Telephone: +44 (0)1925 752600
Fax: +44 (0)1925 757527





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]	0.483 [12.26]
OD	±0.025 [0.64]	in [mm]	2.875 [73.03]
PART WEIGHT	± 1.5	g	8.7

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-4015

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

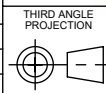
TOLERANCES UNLESS OTHERWISE SPECIFIED

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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DISTRIBUTION
CODE

D

DRAWING NAME

70-400 CT CLOSURE
RM (Ribbed Side - Matte Top)

DRAWING NUMBER

CQA - 10728

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.

DAS

6/3/2016

ENG APPR.

BDG

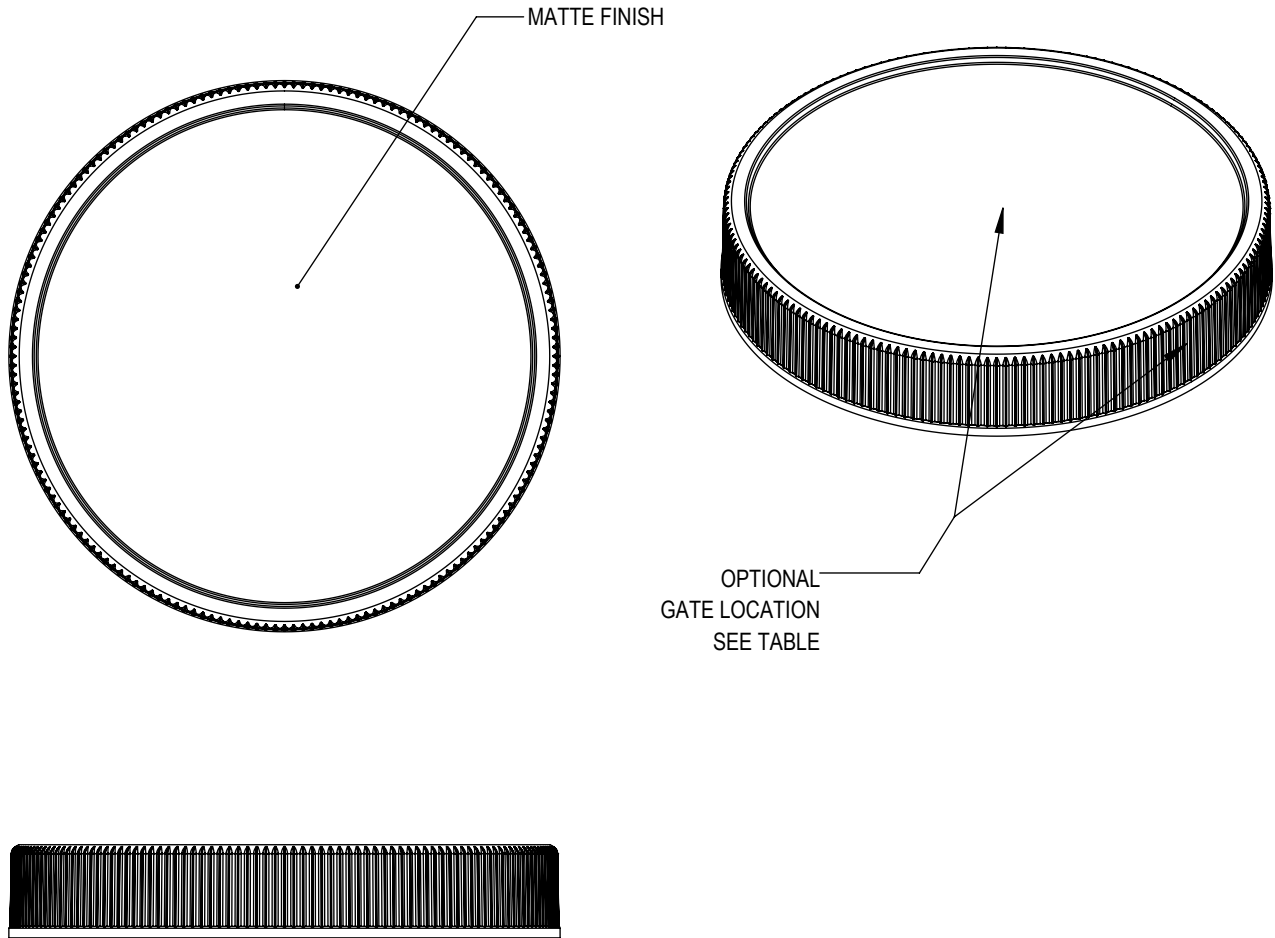
4/6/2018

QA APPR.

REL

08/13/2018

REVISIONS						
DATE	REV.	N/P	PRODUCT DRAWING REQUEST	DESCRIPTION	ENG	DRW
01/19/2018	00	AA	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

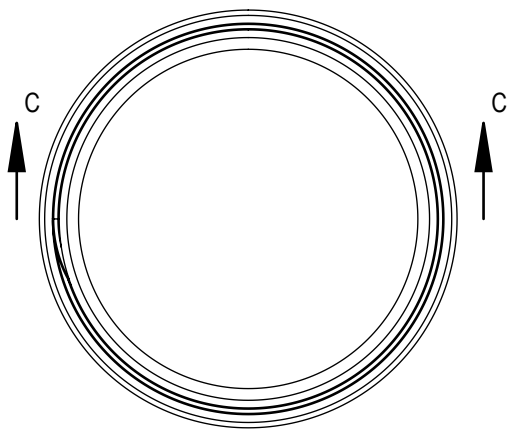
THE CLOSURE DIMENSIONS DEPICTED ARE THOSE WHICH HAVE GENERALLY BEEN FOUND TO BE FUNCTIONAL BASED ON INDUSTRY EXPERIENCE BECAUSE OF VARIABILITY IN GLASS AND PLASTIC CONTAINER FINISHES. EACH CLOSURE/FINISH SYSTEM SHOULD BE INDIVIDUALLY EVALUATED AND TESTED TO ENSURE IT MEETS APPLICABLE PERFORMANCE CRITERIA.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

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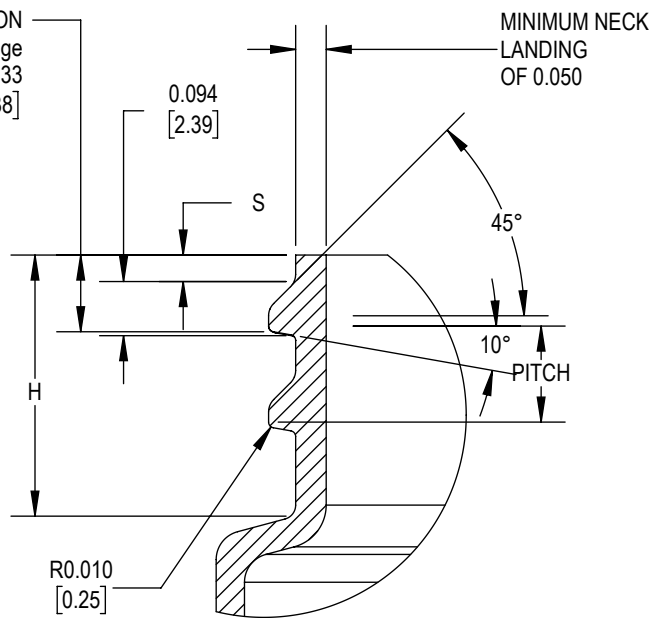
DRAWING TYPE : CUSTOMER			
REFERENCES:		DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED	
70003			
70007			
70008			
TOLERANCES UNLESS OTHERWISE SPECIFIED			
DIMENSION (inches)	TOLERANCE	DIMENSION (mm)	TOLERANCE
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ANGULAR TOLERANCE ± 2°			
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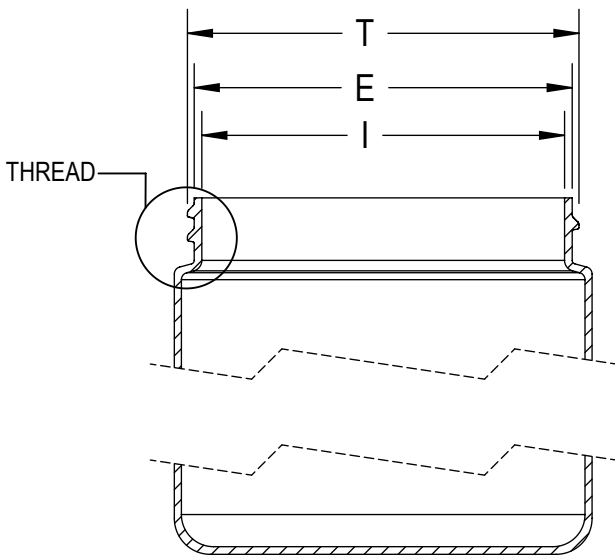
<div>THIRD ANGLE PROJECTION</div> <div></div> <div>SOLIDWORKS</div>		<div>DISTRIBUTION CODE</div> <div>D</div>		<div>DRAWING NAME</div> <div>70-400 CT CLOSURE</div> <div>RM (Ribbed Side - Matte Top)</div>				
				<div>DRAWING NUMBER</div> <div>CQA - 10728</div>				
DRAWN BY.	DAS	6/3/2016	MATERIAL				POLYPROPYLENE	
ENG APPR.	BDG	4/6/2018	MODEL NUMBER:		PM 11104 70-400 CT			
QA APPR.	REL	08/13/2018	SCALE	SHEET SIZE	SHEET	REV.NP		
			1:1	8.5 X 11	2 of 3	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

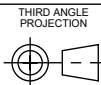
TOLERANCES UNLESS OTHERWISE SPECIFIED

DIMENSION (inches)	TOLERANCE	DIMENSION (mm)	TOLERANCE
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ANGULAR TOLERANCE ± 2°

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SOLIDWORKS

DISTRIBUTION CODE

D

DRAWING NAME

70-400 CT CLOSURE
 RECOMMENDED NECK FINISH

DRAWING NUMBER

CQA - 10728

DRAWN BY.

DAS

6/3/2016

MATERIAL

ENG APPR.

BDG

4/6/2018

MODEL NUMBER:

QA APPR.

REL

08/13/2018

SCALE

SHEET SIZE

SHEET

REV/N/P

3:4

8.5 X 11

3 of 3

00.AA

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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