

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 ln/mln, 50 mm/mln)	psi MPa	4,800 33	ASTM D638	
Elongation at Yield (2 in/min, 50 mm/min)	%	. 10	ASTM D638	
Flexural Modulus (0.05 ln/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

550 Technology Drive

Revision Date: Monday, March 23, 2009

and exposure to this product, please see material safety data sheet code number C4001 published by Braskem.

Pittsburgh, PA 15219 1-800-223-8871

www.braskem.com



MOLD-RITE PLASTICS LLC. 1 Plant Street P.O. Box 160 Plattsburgh NY 12901 (518)561-1812 https://www.mrpcap.com

Product Data Sheet

MRPBK01 Black

Product Description

This specification designated by Mold-Rite Plastics covers all colorants that meet the typical value data listed below.

Regulatory Compliance

FDA – Title 21 CFR Section 170-199 for Food & Drug Contact RoHS Compliant CONEG/Heavy Metal Compliant Proposition 65 Compliant

Typical Properties	Typical Value		
Density	.8892		
Melt Index	Available upon request		
Pellets	Standard		
Recommended Let Down Ratio	100:1		
Carrier Resin	PP		
Estimated Heat Stability	320 °F		
Visual Evaluation	Excellent		
Additives	None		
DE Tolerance	< 2.00		

For further regulatory information, contact Mold-Rite Plastics customer service or sales department.

Notes: These are typical properties not to be construed as specifications. Mold-Rite Plastics reserves that right to include any other colorant that meets that above data values and regulatory requirements.

above that values and regulatory requirements. All listed formulas have similar physical, chemical and processing properties. Listed known formulas; PP94620024, Penn Color 60B4175

All results were obtained from manufacturer product data sheets (where applicable). The data are intended as a general guide only and do not necessarily represent results that may be obtained elsewhere. The use of Mold-Rite Plastics products must be guided by the users own methods for selection of proper formulation. Mold-Rite Plastics disclaims any responsibility for misuse or miss application of its products. Mold-Rite Plastics liability and customer's exclusive remedy for any claims arising out of sales of its products are expressly limited at customer option for replacement not to exceed the purchase price plus transportation charges thereon in respect to any material which damage is claimed.

Revisions-03/30/10-Mixing Ratio was corrected to 100:1 09/23/15-Updated to new format



FoilSeal[™] Technical Data Sheet

.020" PS Foam FS 5-4

Revision: FS54-08182011

Product		.020" P	S Foam F	Foam FS 5-4					
Scope		evident contain	ne piece foam backed heat induction foil innerseal which combines ease of remo- ident properties. It is suggested for sealing to PE, PP, PET, PVC, PS and propert ntainers. This material will vent gas through the paper layer and is suggeseted fo oducts only.						
Composition		Materia	ıl	Standard	Metric	G SI			
		Backing	q	.020"	.508 mm	*			
		Foil	-	.001"	.0254 mm	Backing			
		Paper		.002"	.0508 mm	Paper Land			
		Heat S	eal	.0015"	.0381 mm	Heat Seal			
•									
FDA Status: 21 CFR 177.1210 Recommended					Con	nposition does not include adhesive, resin or wax bonding layers (if any			
				ended Storage a	nd Handling: F	Refer to Website.			
Drug Master File (DFM): #4544 EU / EP Reg.: Does not meet Article 3a of Reg. No. 2023/2006 and Article 3 of Reg. No. 1935/20									

GTR Oxygen: 11.0 cc's/100 Sq.in./24 hrs. MVTR: .009 gms/100 Sq.in./24 hrs.

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.

Print Location (if any): Foil Layer and/or Heat Seal Layer

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.

Corporate Headquaters Selig Sealing Products, LLC 342 E. Wabash St. Forrest, IL 61741, USA Phone: +1 (815) 785-2100 Fax: +1 (815) 657-7584 North American Sales Selig Sealing Products, LLC 2132 Deep Water Lane Naperville, IL 60564, USA Phone; +1 (630) 922-3158 Fax: +1 (630) 922-8469

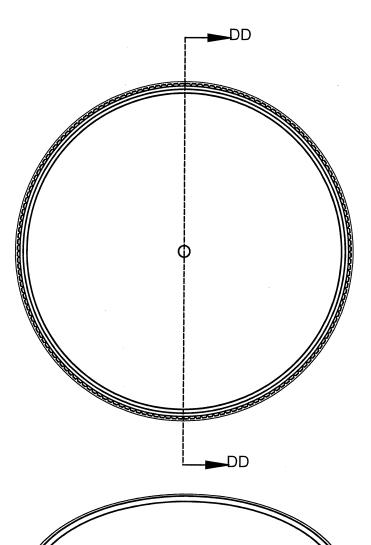
European Manufacturing & Sales Selig Europe Greenock Road Trading Estate Stough, Berkshire SL1 4QQ, UK Phone: +44 (0) 1753 773 000 Fax: +44 (0) 1753 773 111 Canadian Manufacturing Selig Canada, ULC 145 Edward Street Aurora, Ontario Canada, L4G 1W3 Phone: +1 (905) 727-0114 Fax: +1 (905) 727-8544

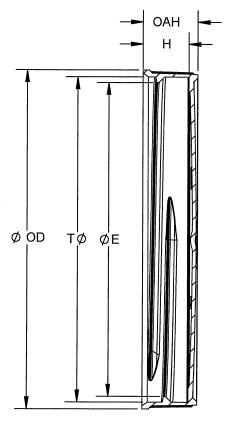
www.seligsealing.com





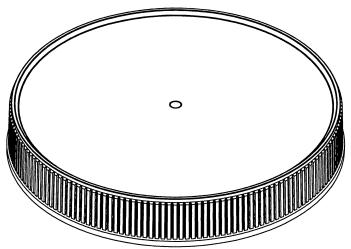








THREAD DETAIL INFORMATION 5 THREADS PER INCH, .200 PITCH, 380° FULL DEPTH THREAD



REFERENCE	TOLERANCE	DIMENSION	UNITS	
E	±.013 [0.33]	3.421 [86.89]	in [mm]	
Т	±.015 [0.38]	3.535 [89.79]	in [mm] in [mm] in [mm]	
Н	±.012 [0.30]	0.502 [12.75]		
ОАН	±.012 [0.30]	0.604 [15.34]		
OD	OD ±.015 [0.38]		in [mm]	
PART WEIGHT	± 1.10	12.50	g	

STATIC TORQUE RECOMMENDATION

40-70 in-Ibs

5 REQUIREMENT MAY VARY DEPENDING
10 ROTTLE MATERIAL NIECK FINISH AN

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.

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DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED REPLACES DRAWINGS: TOLERANCES UNLESS OTHERWISE SPECIFIED DIMENSION (mm) TOLERANCE DIMENSION (inches) TOLERANCE 0-0.787 ±0.006 ±0.152 0-20 0.788-1.181 ±0.008 21-30 ±0,203 1.182-2.756 ±0.012 31-70 ±0.305 ±0.016 71-100 2.757-3.937 ±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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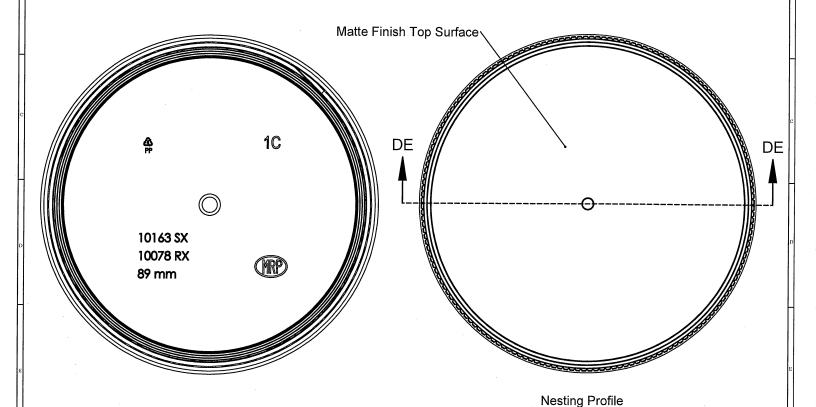


THIRD ANGLE PROJECTION DISTRIBUTION CODE RX (RIBBED-MATTE-STACK)

DRAWING NUMBER COA 10078

CQA - 10078 SOLIDWORKS MATERIAL DRAWN BY. 5/29/2015 **POLYPROPYLENE** MODEL NUMBER ENG APPR. 3/30/2017 PM 10164 89-400 RX_SX CT DWE 4/5/2017 QA APPR 1:1 1 of 3 07.AA

 4			5	¥	
DATE	REV	N/P	DESCRIPTION	ENG	DRW N
01/14/15	05	AA	INITIAL RELEASE	BDG	BDG
12/03/15	05	AB	UPDATED SPECIFICATION BASED ON PLATTS VALIDATION (11/24/15)	BDG	BDG
03/02/16	05	AC	UPDATED SPECIFICATION BASED ON SOM VALIDATION (11/24/15)	BDG	BDG
03/09/16	06		ADDED V-GROOVE TO BOTTLE LANDING. UPDATED PART WEIGHT	BDG	BDG
03/30/17	07	AA	ADD CHAMFER AT "T" LOCATION	BDG	BDG



SECTION DE-DE SCALE 1 : 1

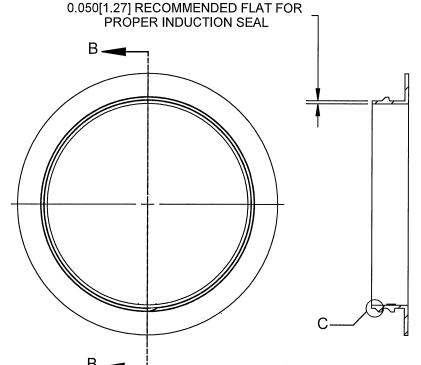
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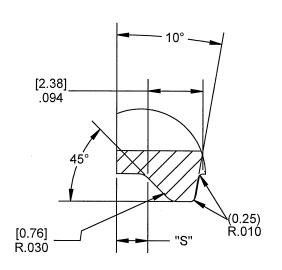
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	DRAWING TYPE: CUSTOMER						
	REFERENCE 89010		DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED				
	T	OLERANCES UNLESS	SS OTHERWISE SPECIFIED				
	DIMENSION (inches)	TOLERANCE	DIMENSION (mm)	TOLERANCE			
	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 TO	LERANCE ± 2°				
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MOLD-RITE PLASTICS*
Innovative • Reliable • Responsive

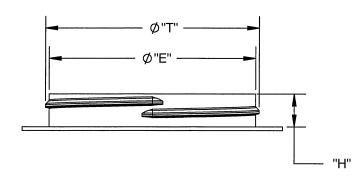
DISTRIBUTION DRAWING NAME CODE THIRD ANGLE PROJECTION 89-400 CT Closure RX (RIBBED-MATTE-STACK) DRAWING NUMBER CQA - 10078 SOLIDWORKS MATERIAL DRAWN BY. BDG 5/29/2015 **POLYPROPYLENE** MODEL NUMBER: PM 10164 89-400 RX_SX CT ENG APPR. BDG 3/30/2017 SHEET SIZE QA APPR. DWE 4/5/2017 1:2 11in*17in 07.AA





DETAIL C SCALE 5 : 1 THREAD DETAIL

SECTION B-B SCALE 1: 1.5



REFERENCE	TOLERANCE	UNITS	DIMENSION	
E	± 0.017 [0.43]	IN [mm]	3.374 [85.70]	
Т	± 0.017 [0.43]	IN [mm]	3.494 [88.75]	
S	± 0.015 [0.38]	IN [mm]	0.060 [1.52]	
Н	± 0.015 [0.38]	IN [mm]	0.535 [13.59]	
TPI			5	
PITCH		IN [mm]	0.200 [5.08]	

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.

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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			
	0-0.787	±0,006	0-20	±0,152			
	0,788-1,181	±0.008	21-30	±0.203			
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	7.875-9.843	±0.032	201-250	±0.813			
		ANGULAR TO	LERANCE ± 2°				

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	THIRD ANGLE PROJECTION SOLIDWORKS		DISTRIBUTION CODE	DRAWING	NAMI	89-400	OT Closur D-MATTE-STA	
			ט	DRAWING	PRAWING NUMBER CQA - 10078			
	DRAWN BY. BDC		5/29/2015	MATERIAL		POLY	PROPYLENE	
	ENG APPR. BDG 3/30/2017		MODEL NU	MBER	PIVI 10 104	89-400 RX_S	X CT	
1	QA APPR.	DWE	4/5/2017	SCALE 1:2		SHEET SIZE 11in*17in	SHEET	REV.N/P
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