

Product Data Sheet

MRP Description:(A01)MRPLN04.020 FOAM R SFYP

MRPLN04 – Universal Heat Seal Foam Liner

Product Description

This product is a 1 piece universal heat seal consisting of foam backing, paper, aluminum foil and heat seal layer..

This specification, designated by Mold-Rite Plastics, covers all liners that meet the typical value data listed below;

Polystyrene Foam
Paper
Aluminum Foil
Heat Seal Coating

Regulatory Compliance

FDA. Title 21 CFR Section 177.1210 (Closure with Sealing Gaskets for Food Containers, RoHS Compliant CONEG/Heavy Metal Compliant Proposition 65 Compliant

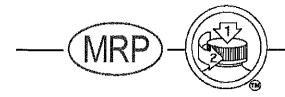
Typical Properties	Typical Value		
Overall Thickness	.024 +/- 10%		
Drug Master File	16574		
Printed	R SFYP		
Oxygen Transmission	Essentially Zero		
Water Vapor Transmission	Essentially Zero		

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 liner that meets that above data values and regulatory requirements.

This product data sheet covers multiple liners that meet the above typical data values and regulatory requirements. All listed liners have similar physical, chemical and processing properties. Listed known liners: HS035, HS 035N, HS205, FS5-8, HSS-5.6

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 renedy 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.



1 PLANT STREET, P.O. BOX 160 PLATTSBURGH, NY 12901 (518) 561-1812 http://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		
Specific Gravity	.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.

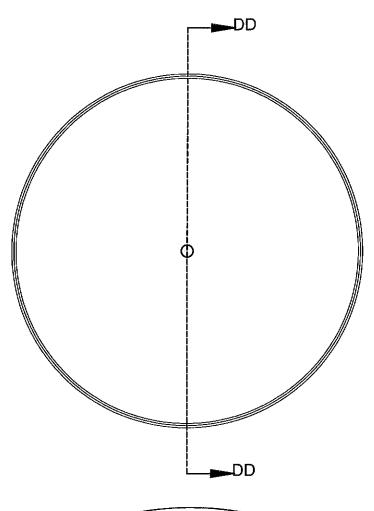
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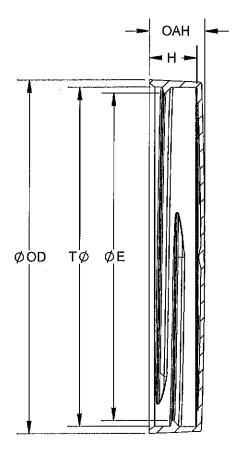
This product data sheet covers multiple colorant formulations that meet the above typical data values and regulatory requirements. All listed formulas have similar physical, chemical and processing properties. Listed known formulas; PP94620024

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Revisions- 03/30/10 - Mixing Ratio was corrected to 100:1.

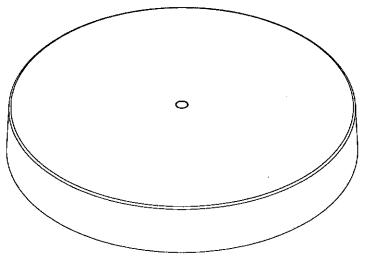
Revision 1; Date: 03/30/08 printed on 3/30/2010





SECTION DD-DD

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]
Н	±.012 [0.30]	0.502 [12.75]	in [mm]
ОАН	±.020 [0.51]	0.560 [14.22]	in [mm]
OD	±.015 [0.38]	3.690 [93.70]	in [mm]
PART WEIGHT	± 1.10	13.20	g

STATIC TORQUE RECOMMENDATION
40-70 IN-IDS
'HIS REQUIREMENT MAY VARY DEPENDING
JPON 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 FINSHES, EACH CLOSURE/FINISH SYSTEM SHOULD BE INDIVIDUALLY EVALUATED AND TESTED TO ENSURE IT MEETS APPLICABLE PERFORMANCE CRITERIA. SEE QUALITY ASSURANCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

AOLD-RITE, WEATHERCHEM AND STULL TECHNOLOGIES RESERVES THE RIGHT TO REVISE ANY OR ALL SPECIFICATIONS AND REQUIREMENTS. DRAWING TYPE: CUSTOMER

REPLACES DRAV		DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED		
TOL	ERANCES UNLESS	OTHERWISE SPECIF	ED	
OlMENSION (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°		

PROPRIETARY AND CONFIDENTIAL.

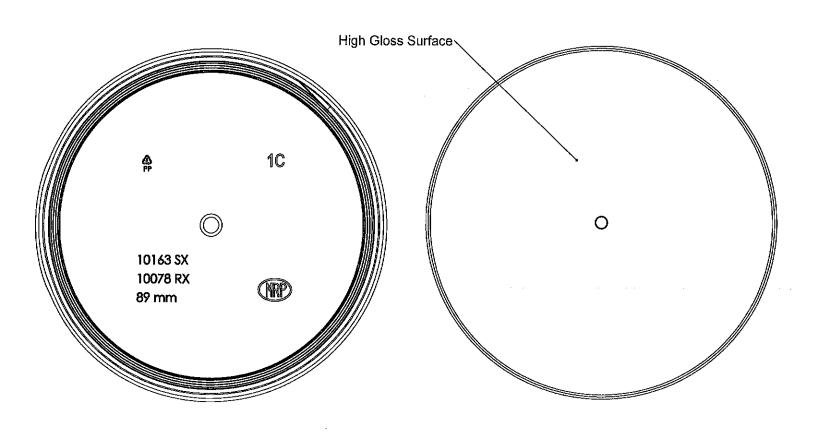
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MOLD-RITE PLASTICS

ENG APPR. BDG 3/30/2017 MODEL NUMBER: PM 10164 89-400 RX_SX CT

OA APPR DWE 4/5/2017 SCALE SHEET REF

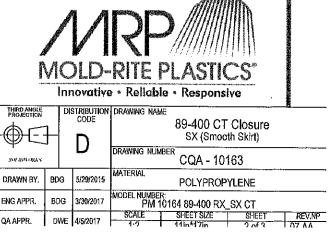
DATE	REV	N/P	DESCRIPTION	ENG	N N
01/14/15	05	AA	INITIAL RELEASE	BDG	BD(
12/03/15	05	AB	UPDATED SPECIFICATION BASED ON PLATTS VALIDATION (11/24/15)	BDG	BDC
03/02/16	05	AC	UPDATED SPECIFICATION BASED ON SOM VALIDATION (11/24/15)	BDG	BDC
03/09/16	06	AA	ADDED V-GROOVE TO BOTTLE LANDING. UPDATED PART WEIGHT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



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DEPICTED ARE THOSE WHICH HAVE GENERALLY BEEN
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EXPERIENCE BECAUSE OF WARIABILITY IN GLASS AND
PLASTIC CONTAINER FINISHES, EACH CLOSURAFINISH
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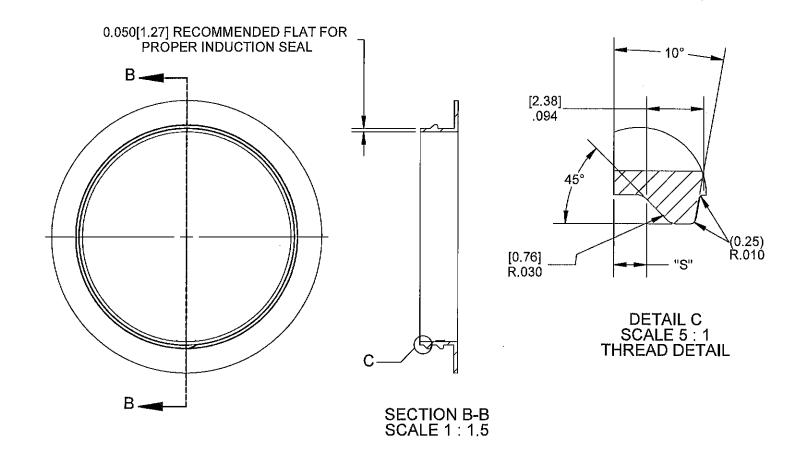
DRAWING TYPE	CUSTO	MER			
REFERENCE 89010		DIMENSIONS E INDICATE R DIMENSIONS AND LIMITS ARE E			
TO	DERANCES UNLESS	OTHERWISE SPECIF	IED	1 ;	
DIMENSION (inches)	TOLERANCE	DIMENSION (mm)	TOLERANCE	1 1	
0-0.787	±0.006	0-20	±0,152	1 .	
0.788-1.181	±0.008	21-30	±0.203		
1.182-2.756	±0.012	31-70	±0.305	THIRD ANGLE	
2.757-3.937	±0.016	71-100	±0.406	PROJECTION	
3.938-5.096	±0,020	101-150	±0.508	1.A.	
5.097-7.874	±0.024	151-200	±0.610	\(\P\) \(\cdot\)	
7,875-9,843	±0.032	201-250	±0.813	५०१ तम वस्त	
	ANGULAR TO	LERANCE ± 2*		DRAWN BY.	
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THEREOF IS EXPRES	SLY PROHIBITED EX	KCEPT AS MOLD-RITE	, WEATHERCHEM	QA APPR.	

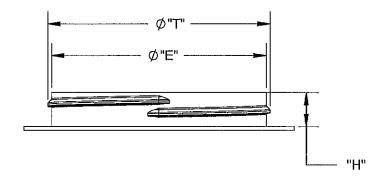


3/30/2017

DWE 4/5/2017

BDG





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 BOTHE SHOULD BE EVALUATED ON A CASE BY CASE BASIS.

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TOLERANCES UNLESS OTHERWISE SPECIFIED					
DIMENSION (inches)	TOLERANCE	DIMENSION (mm)	TOLERANCE		
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7.875-9.843	±0.032	201-250	±0.813		

ANGULAR TOLERANCE ± 2*

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//RP
MOLD-RITE PLASTICS*
Innovative • Reliable • Responsive

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	THIRD ANGLE PROJECTION				CT Closu Smooth Skirt)		
	SOFFINERAS		ט	DRAWING NUMBE	R CQ	A - 10163	
	DRAWN BY.	BDG	5/29/2015	MATERIAL	POLY	PROPYLENE	:
	ENG APPR. BDG 3/30/2017		MODEL NUMBER:	PM 10164	89-400 RX_	SX CT	
	OA APPR	DWE	4/5/2017	SCALE	SHEET SIZE	SHEET	REV.N/F