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Product Specification Sheet

Illing Part#

3660BL

28-410 BLUE PP CAP PS22-FOAM RL28 MRPBU01/ F217.035 PL

Part #: 3660BL

Size:	28-410 NECK
Color:	BLUE
Material:	PP
Style:	CAP
Additional Info:	PS22-FOAM RL28 / F217.035 PL
Case Pack:	4000 / EACH
Pallet Pack:	140,000 / EACH

Represented by

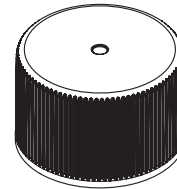
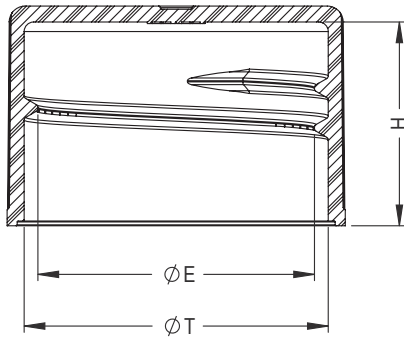
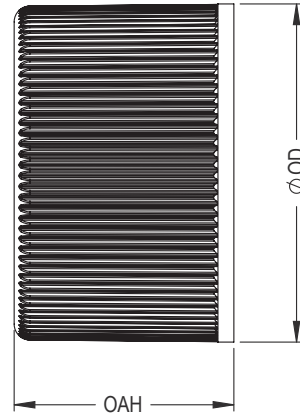
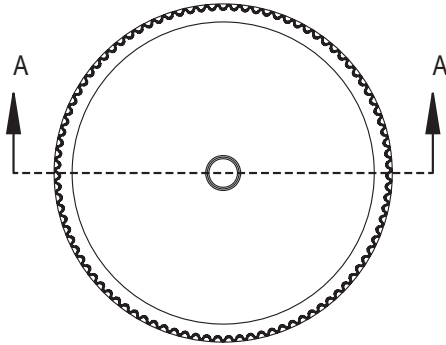


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Product Specification Sheet

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SCALE 1:1

SECTION A-A

STATIC TORQUE RECOMMENDATION: 10-18 in-lbs
REQUIREMENT. MAY VARY DEPENDING UPON CONTAINER MATERIAL,
NECK FINISH, AND CAPPING EQUIPMENT.

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

DIMENSIONS PRECEDED BY AN *** INDICATE THE DIMENSION IS
PROCESS SENSITIVE. PROCESS SENSITIVE DIMENSIONS ARE
VERIFIED TO BE WITHIN THE TOLERANCE LIMITS DURING THE
PRODUCTION RUN. ALL REMAINING DIMENSIONS ARE VERIFIED AT
PRODUCTION VALIDATION.

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BECAUSE OF VARIABILITY IN CONTAINER FINISHES, EACH CLOSURE/FINISH SYSTEM SHOULD BE INDIVIDUALLY EVALUATED AND TESTED TO
ENSURE IT MEETS APPLICABLE PERFORMANCE CRITERIA.

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REFERENCE	DIMENSION	TOLERANCE	UNITS
Ø E	0.868 [22.05]	±0.010 [0.25]	in [mm]
Ø T	0.955 [24.26]	±0.010 [0.25]	in [mm]
H	0.640 [16.26]	±0.010 [0.25]	in [mm]
OAH	0.690 [17.53]	±0.010 [0.25]	in [mm]
Ø OD	1.060 [26.92]	±0.010 [0.25]	in [mm]
PART WEIGHT	2.00	± 0.20	g
THREAD DETAIL INFORMATION:	8 THREADS PER INCH	0.125" [3.18] PITCH	420° FULL DEPTH THREADS
DRAWN BY:	LGF	2/6/2014	DWG SIZE: 8.5" x 11"
ENG APPR:	CAN	3/24/2022	SCALE: 2:1 & NOTED
QA APPR:	TEM	03/28/2022	SHEET: 1 OF 3



DRAWING TITLE:

24-410 CT
RL (RIBBED SIDES, MATTE TOP)

MATERIAL: POLYPROPYLENE

DRAWING TYPE: CUSTOMER DISTRIBUTION CODE: **D**

REPLACES DRAWINGS: C-8029

MODEL NUMBER: PM 10724 24-410 CT

DWG SIZE: 8.5" x 11" DRAWING NUMBER: REVISION:

CQA-10006 01.AF

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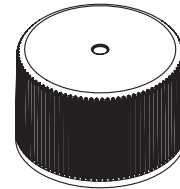
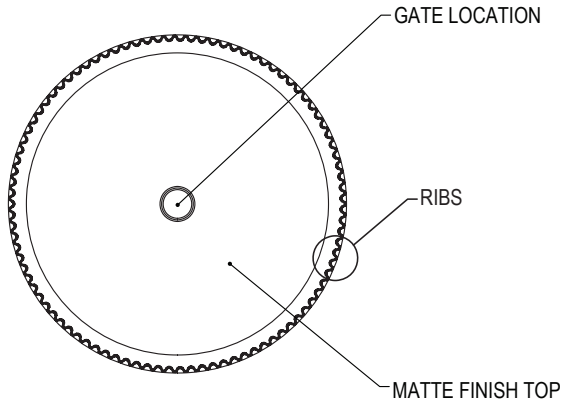


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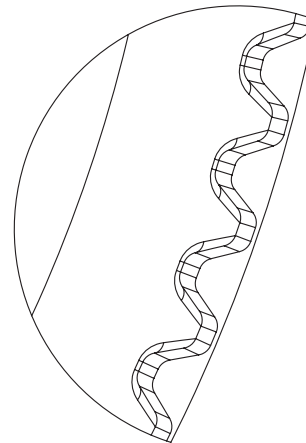
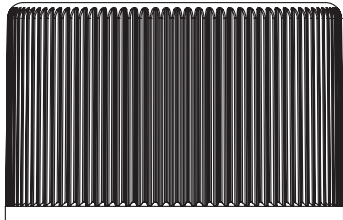
Product Specification Sheet

Illing Part#

3660BL



SCALE 1:1



DETAIL RIBS
SCALE 20 : 1
95 EQUISPACED RIBS

DIMENSIONS ENCLOSED IN () INDICATE
REFERENCE DIMENSIONS AND NO
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DATE	REV	N/P	DESCRIPTION	ENG	DRW
06/19/2023	01	AF	UPDATE DRAWING FORMAT & LOGO	LES	LES
03/21/2022	01	AE	UPDATED DRAWING FORMAT, ADDED RIB COUNT, CORRECTED H ON RNF (SHEET 3)	CAN	CAN
04/05/2018	01	AD	CORRECTED RECOMMENDED NECK FINISH MODEL. SHEET 1 H DIMENSION CHANGED ORIGIN TO INSIDE CAP	BDG	DAS
04/27/2016	01	AC	UPDATED DRAWING FORMAT	BDG	DAS
11/04/2014	01	AB	UPDATED AS MOLDED (24101) DATA FROM 02/06/14 AND HISTORICAL DATA FROM 24007, ADDED OBSOLETE NOTE, REVISED RECOMMENDED NECK FINISH	LMB	LMB
02/07/2014	01	AA	DRAWING CREATED	LGF	LGF

REVISION HISTORY

REVISIONS: REV: A PHYSICAL CHANGE TO THE PART IMPACTING FIT, FORM OR FUNCTION
N/P: DRAWING OR SPECIFICATION CHANGE ONLY



DRAWING TITLE:

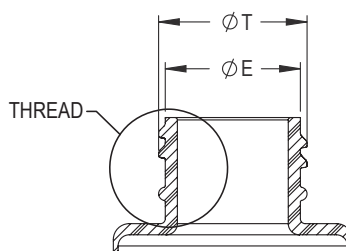
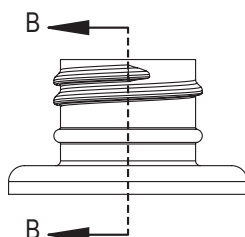
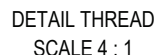
24-410 CT
RL (RIBBED SIDES, MATTE TOP)

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DRAWING TYPE: CUSTOMER DISTRIBUTION CODE: **D**

DWG SIZE: 8.5" x 11" DRAWING NUMBER: REVISION:

SCALE: 2:1 & NOTED SHEET: 2 OF 3 **CQA-10006** **01.AF**



SECTION B-B

RECOMMENDED NECK FINISH IS DETERMINED FOR PROPER FUNCTIONAL PERFORMANCE WITH MOLD-RITE CLOSURE. USE OF MOLD-RITE CLOSURE WITH FINISHES NOT MATCHING RECOMMENDED NECK FINISH SHOULD BE TESTED AND CONFIRMED FOR APPLICATION BY THE USER. NOMINAL ORIENTATION OF CLOSURE (IF INDICATED) IS BASED ON NOMINAL DIMENSIONS OF BOTH CLOSURE AND RECOMMENDED NECK FINISH. FOR EXACT ORIENTATION, EACH CONTAINER SHOULD BE EVALUATED ON A CASE BY CASE BASIS. DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED
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NECK FINISH DIMENSIONS ASSUME ZERO THICKNESS (NO) LINER			
REFERENCE	DIMENSION	TOLERANCE	UNITS
Ø E	0.848 [21.54]	±0.008 [0.20]	in [mm]
Ø T	0.932 [23.67]	±0.008 [0.20]	in [mm]
S	0.046 [1.17]	±0.015 [0.38]	in [mm]
H	0.650 [16.51]	MINIMUM	in [mm]
THREADS PER INCH	8		
PITCH	0.125 [3.18]		in [mm]



DRAWING TITLE:

24-410 CT
RL (RIBBED SIDES, MATTE TOP)
RECOMMENDED NECK FINISH

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DRAWING TYPE: CUSTOMER

DISTRIBUTION CODE: **D**

DWG SIZE: 8.5" x 11"

DRAWING NUMBER:

REVISION:	
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SCALE: 1:1 & NOTED	SHEET: 3 OF 3
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CQA-10006

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P A C K A G I N G

Product Specification Sheet

Illing Part#

3660BL



MRP DESCRIPTION - (022)PRESSURE SEAL.020 PL

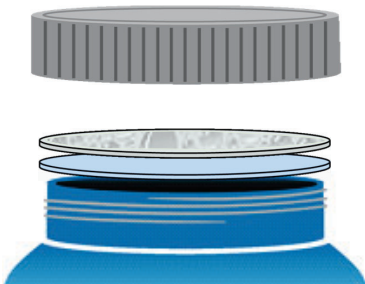
PRODUCT DATA SHEET

PressureSeal 20

- PressureSeal 20 is an inner seal with a construction of polystyrene foam coated with pressure sensitive adhesive.
- The US FDA does not consider liners applied with pressure sensitive adhesive to be an effective tamper-resistant feature.
- Recommended for use with dry products.
- Available with standard or custom print.

Typical Product Attributes

Construction

Polystyrene Foam Pressure Sensitive Adhesive		SI (µm)	US (Mils)
		508,0 50,8 – 76,2	20.0 2.0 – 3.0
		± 10%	± 10%
		25,4 mm ± 1,6 mm	1.0 in ± 0.0625 in

Properties

Oxygen Transmission (O ₂ TR)	Not Tested
Water Vapor Transmission (WVTR)	Not Tested

Regulatory Compliance

FDA Compliance	21 CFR 177.1640 Polystyrene and rubber-modified polystyrene. 21 CFR 177.1210 Closures with sealing gaskets for food containers. 21 CFR 175.125 Pressure-sensitive adhesives.
Drug Master File (DMF)	002518
Other Compliances	USFDA Food Allergen Guidelines California Proposition 65 Labeling Requirements Limitations of Heavy Metals in Packaging per CONEG & EU 94/62/EC, Article 11
Safety Data Sheet (SDS) Statement	Safety Data Sheets (SDS) are not required for articles as defined in 29 CFR 1910.1200, the OSHA Hazard Communication Standard (HazCom). This product is an article as defined by HazCom and is not considered to be, or to contain, a hazardous chemical based on evaluations made by our company.

Please note that construction does not reflect adhesive or resin bonding layers, if present.

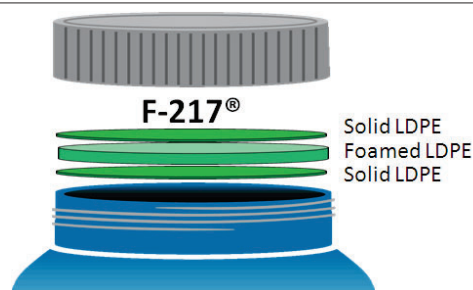
Revision Number: 4
Revised Date: 2018-06-08

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TRI-SEALTM PRODUCT DATA SHEET


- This data sheet describes F-217[®] products
- This product is a three-ply co-extruded liner consisting of a foamed Low Density Polyethylene (LDPE) core sandwiched between two layers of solid Low Density Polyethylene



MRP Description - (024)F217.035 PL

Typical Product Attributes
Construction

Structure	Solid LDPE / Foamed LDPE / Solid LDPE	Solid LDPE / Foamed LDPE / Solid LDPE
Color	White or as Specified	White or as Specified
Density		
for 20 ~ 30 mil (0,51 ~ 0,76 mm)	0,48 ± 0,03 g / cm ³	30 ± 2 lbs / ft ³
for 35 ~ 125 mil (0,89 ~ 3,18 mm)	0,40 ± 0,03 g / cm ³	25 ± 2 lbs / ft ³
Thickness Tolerance		
for 20 ~ 60 mil (0,51 ~ 1,52 mm)	± 0,127 mm	± 5 mil
for 65 ~ 90 mil (1,65 ~ 2,29 mm)	± 0,178 mm	± 7 mil
for 95 ~ 125 mil (2,41 ~ 3,18 mm)	± 0,254 mm	± 10 mil
Available Width		
for 20 ~ 60 mil (0,51 ~ 1,52 mm)	22,2 ~ 1016,0 mm	7/8 ~ 40 inch
for 65 ~ 125 mil (1,65 ~ 3,18 mm)	25,4 ~ 228,6 mm	1 ~ 9 inch
Width tolerance	± 1,6 mm	± 1/16 inch

Regulatory Compliance

FDA Compliance	21 CFR 177.1520 (Olefin Polymers) 21 CFR 177.1210 (Closures with Sealing Gaskets for Food Containers) 21 CFR 175.300 (Resinous and Polymeric Coatings)
Drug Master File (DMF)	2434
Other Compliances	USFDA Food Allergen Guidelines; California Proposition 65 Labeling Requirements; Limitations of Heavy Metals in Packaging per CONEG & EU 94/62/EC, Article 11

 Original Date: 08/05/1997
 Revised Date: 01/31/2011
 Revision Number: 5
 Revised by SR

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