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P A C K A G I N G

Product Specification Sheet

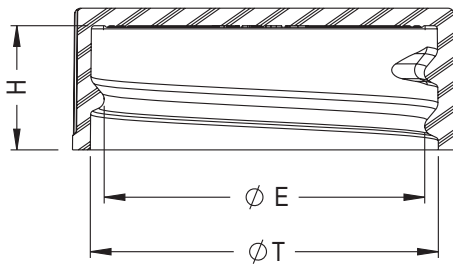
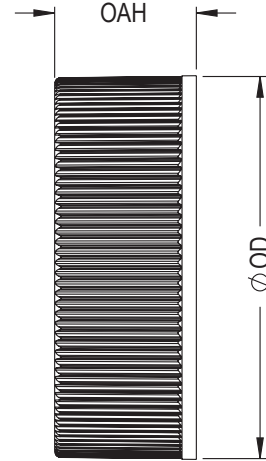
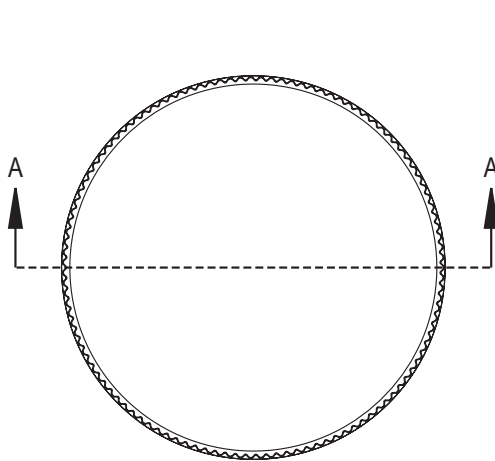
Illing Part#

3663

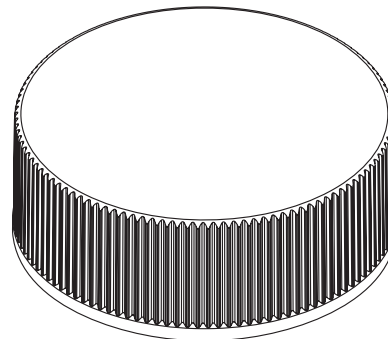
28-400 WHITE PP RIBBED SIDE & SMOOTH TOP CAP PS 22.020 PLN

Part #: 3663

Size:	28-400
Color:	WHITE
Material:	PP
Style:	RIBBED SIDE & SMOOTH TOP CAP
Additional Info:	PS 22.020 PLN
Case Pack:	5,000 / EACH
Pallet Pack:	175,000 / EACH



SECTION A-A



STATIC TORQUE RECOMMENDATION: 12-21 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	1.010 [25.65]	± 0.010 [0.25]	in [mm]
Ø T	1.095 [27.81]	± 0.010 [0.25]	in [mm]
H	0.390 [9.91]	± 0.010 [0.25]	in [mm]
OAH	0.445 [11.30]	± 0.010 [0.25]	in [mm]
OD	1.205 [30.61]	± 0.010 [0.25]	in [mm]
PART WEIGHT	1.93	± 0.15	g

THREAD DETAIL INFORMATION:	6 THREADS PER INCH	0.167" [4.24] PITCH	360° FULL DEPTH THREADS
DRAWN BY:	JDM	2/22/2017	DWG SIZE: 8.5" x 11"
ENG APPR:	JDM	2/4/2020	SCALE: 1 OF 3
QA APPR:	REL	02/28/2020	2:1 & NOTED



DRAWING TITLE:

28-400 CT
RS (RIBBED SIDE - SMOOTH TOP)

MATERIAL: POLYPROPYLENE

DRAWING TYPE: CUSTOMER DISTRIBUTION CODE: D

REPLACES DRAWINGS: C-3006

MODEL NUMBER: PM 10298 28-400 CT

DWG SIZE: 8.5" x 11" DRAWING NUMBER: CQA-10172 REVISION: 00.AE

SHEET: 1 OF 3

Represented by



ILLINGTM
P A C K A G I N G

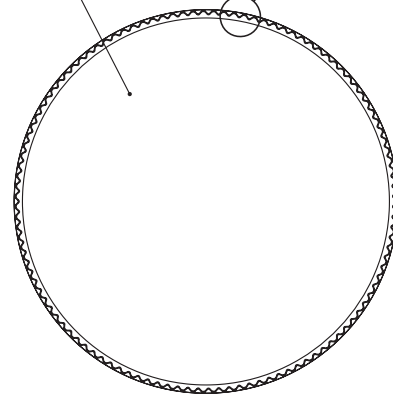
Product Specification Sheet

Illing Part#

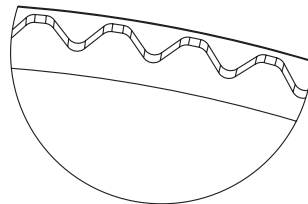
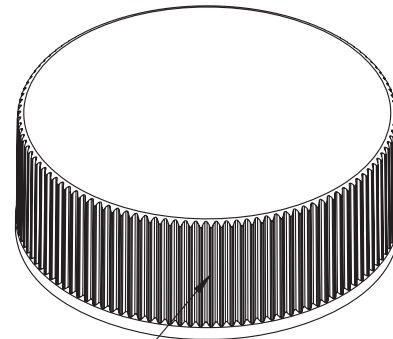
3663

TOP SURFACE
TO BE HIGH POLISH

RIB



GATE LOCATION



DETAIL RIB
SCALE 15 : 1

SEE MOLD TABLE FOR RIB COUNT

MOLD NUMBER	RIB COUNT	GATE LOCATION
28005	120	SIDE
28008	115	SIDE

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

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DATE	REV	N/P	DESCRIPTION	ENG	DRW
06/15/2023	00	AE	UPDATED DRAWING FORMAT & LOGO	LES	LES
01/28/2020	00	AD	ADDED RIB COUNT TO MOLD TABLE	JDM	JDM
11/20/2018	00	AC	UPDATED RNF TO MATCH PRODUCTION SPECIFICATIONS	JDM	AMK
10/15/2018	00	AB	DRAWING CORRECTION TO PART WEIGHT SPEC BASED ON HISTORICAL RUN DATA	JDM	JDM
06/09/2017	00	AA	UPDATED DRAWING FORMAT	JDM	DAS

REVISION HISTORY

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

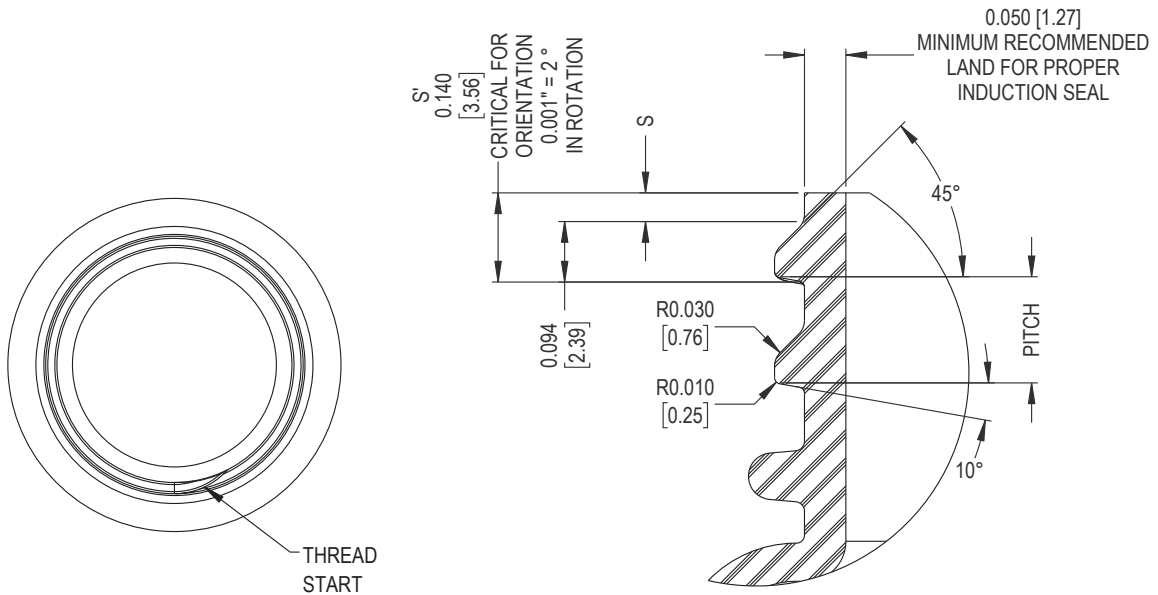


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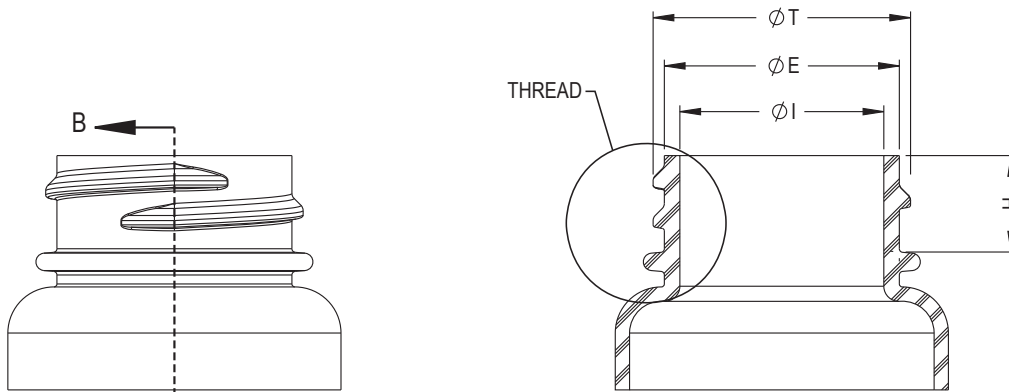
28-400 CT
RS (RIBBED SIDE - SMOOTH TOP)

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DRAWING TYPE: CUSTOMER	DISTRIBUTION CODE: D
DWG SIZE: 8.5" x 11"	DRAWING NUMBER: CQA-10172
SCALE: 2:1 & NOTED	SHEET: 2 OF 3
	REVISION: 00.AE



DETAIL THREAD
SCALE 4 : 1



SECTION B-B

RECOMMENDED NECK FINISH IS DETERMINED FOR PROPER FUNCTIONAL PERFORMANCE WITH MOLD-RITE CLOSURE. USE OF MOLD-RITE CLOSURE WITH CONTAINER 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.

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NECK FINISH DIMENSIONS ASSUME ZERO THICKNESS (NO) LINER				
REFERENCE	DIMENSION	TOLERANCE	UNITS	
Ø E	0.984 [24.99]	± 0.010 [0.25]	in [mm]	
Ø T	1.078 [27.38]	± 0.010 [0.25]	in [mm]	
Ø I	0.854 [21.69]	MINIMUM	in [mm]	
S	0.046 [1.17]	± 0.015 [0.38]	in [mm]	
H	0.400 [10.16]	MINIMUM	in [mm]	
THREADS PER INCH	6			
PITCH	0.167 [4.23]		in [mm]	

MRP solutions
Packaging with purpose.

DRAWING TITLE:
28-400 CT
RS (Ribbed Side - Smooth Top)
RECOMMENDED NECK FINISH

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DRAWING TYPE: CUSTOMER	DISTRIBUTION CODE: D
DWG SIZE: 8.5" x 11"	DRAWING NUMBER:
SCALE: 3.2 & NOTED	SHEET: 3 OF 3
CQA-10172	00.AE



MRP DESCRIPTION - (022)PRESSURE SEAL.020 PL

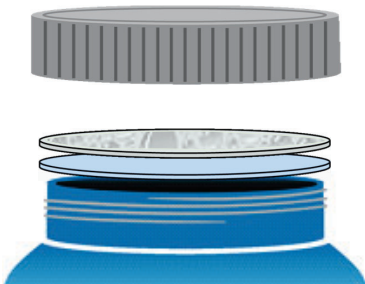
PRODUCT DATA SHEET

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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