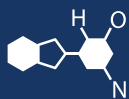


IF YOU...



MIX IT. FILL IT. PACK IT. SHIP IT.

WE HAVE A **PRODUCT** FOR YOU

Part #: 30WB45

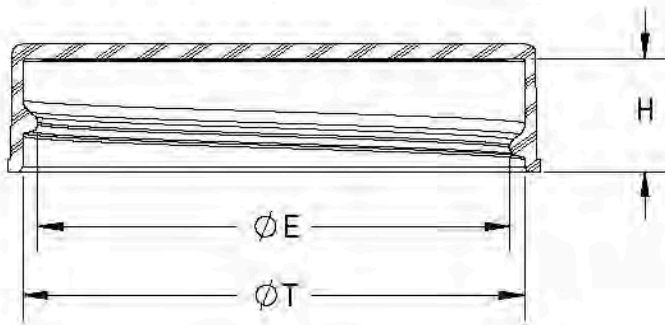
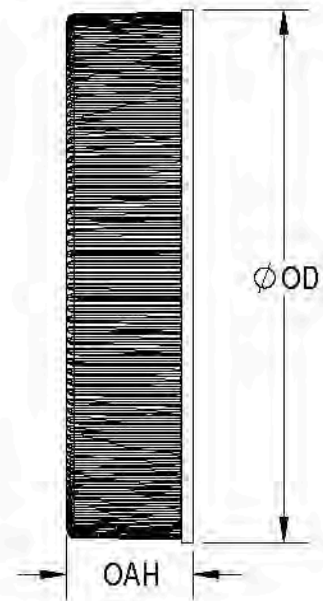
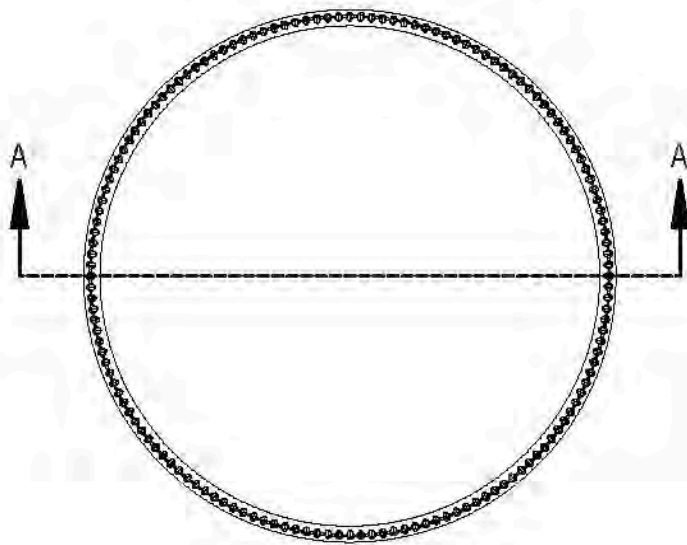
Continuous Thread Caps

45mm 45-400 Black Ribbed (Matte Top) Plastic Cap
w/Foam Liner (3-ply)



The
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Est. 1895

1195 W. Fullerton Ave. | Addison, IL 60101 | T: 630.629.6600 | F: 630.629.3690 |



SECTION A-A

**THREAD DETAIL:
6 THREADS PER INCH, 0.167" PITCH**

REFERENCE	TOLERANCE	UNITS	DIMENSION
E	±0.010 [0.25]	in [mm]	1.656 [42.06]
T	±0.010 [0.25]	in [mm]	1.752 [44.5]
H	±0.010 [0.25]	in [mm]	0.390[9.91]
OD	±0.012 [0.30]	in [mm]	1.865 [47.37]
OAH	±0.010 [0.25]	in [mm]	0.445 [11.30]
PART WEIGHT	± 0.50	g	3.90

STATIC TORQUE RECOMMENDATION
17-27 in-lbs
THIS REQUIREMENT MAY VARY DEPENDING
UPON BOTTLE MATERIAL, NECK FINISH, AND
CAPPING EQUIPMENT

DRAWING TYPE: CUSTOMER			
REPLACES DRAWINGS: C-6010		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
1.182-2.766	±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
45-400 CT CLOSURE
RMX (Ribbed Side - Matte Top)

DRAWING NUMBER
CQA - 10302

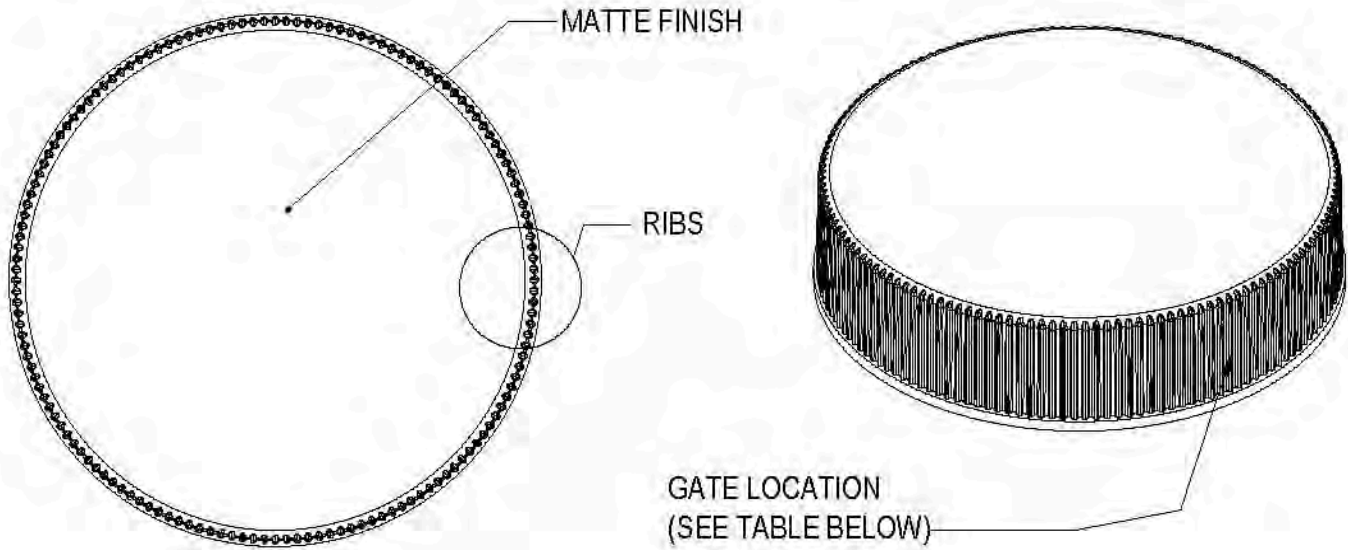
MATERIAL
POLYPROPYLENE

MODEL NUMBER:
PM 10297 45-400 CT

DRAWN BY:	JDM	6/3/2016
ENG APPR.:	LES	12/20/2021
QA APPR.:	TEM	12/21/2021

SCALE	SHEET SIZE	SHEET	REV.NP
1:1	11 in x 8.5 in	1 of 3	00.AD

REVISIONS					
DATE	REV	NP	DESCRIPTION	ENG	DRWN
6/3/2016	00	AA	UPDATE DRAWING FORMAT, REFER TO C-5010 FOR REVISION HISTORY	JDM	JDM
12/27/2016	00	AB	CORRECTED PART WEIGHT (WAS 3.6), ±0.012 [0.30] OD TOLERANCE WAS ±0.010[0.25]	JDM	JDM
7/27/2017	00	AC	UPDATED OD TOLERANCE, T DIMENSION AND PART WEIGHT BASED ON HISTORICAL DATA, ADDED MOLD GATE LOCATION TABLE	BDG	DAS
12/27/2021	00	AD	CORRECT RIB COUNT NOTE TO MATCH PHYSICAL PARTS. UPDATE RECOMMENDED NECK FINISH "H" TOLERANCE FROM BILATERAL (+/-) TO RECOMMENDED MINIMUM	LES	LES



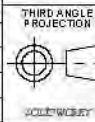
148 EQUALLY SPACED RIBS
DETAIL RIBS
SCALE 4 : 1

MOLD NUMBER	GATE LOCATION
45003	SIDE
45007	SIDE

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DRAWING TYPE: CUSTOMER			
REFERENCES: 45003, 45007		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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2.767-3.937	±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°			
PROPRIETARY AND CONFIDENTIAL			

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THIRD ANGLE
PROJECTION
DISTRIBUTION
CODE
D

DRAWING NAME
45-400 CT CLOSURE
RMX (Ribbed Side - Matte Top)

DRAWING NUMBER
CQA - 10302

DRAWN BY: JDM 6/3/2016

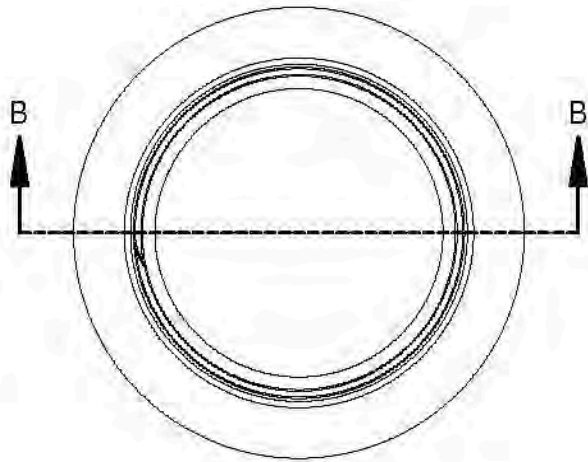
MATERIAL
POLYPROPYLENE

ENG APPR: LES 12/20/2021

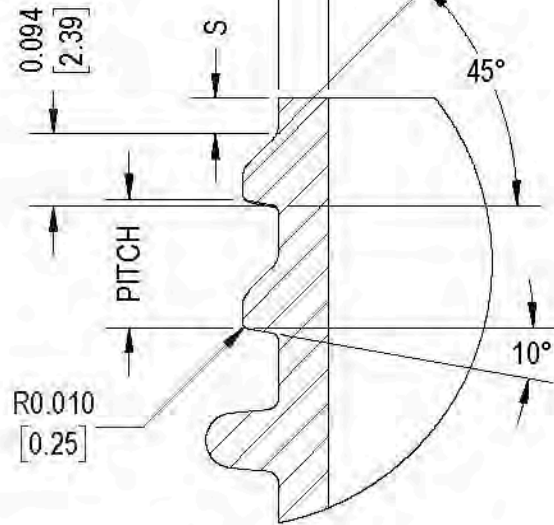
MODEL NUMBER: PM 10297 45-400 CT

QA APPR: TEM 12/21/2021

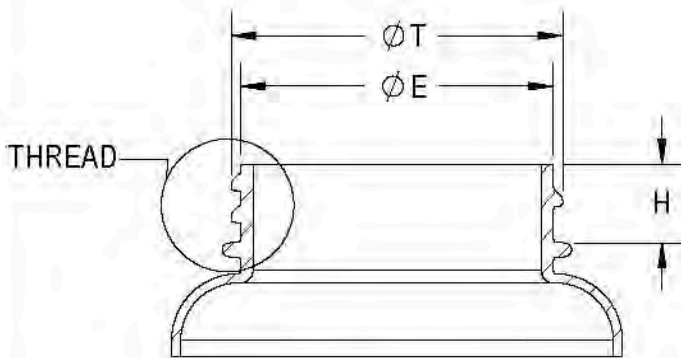
SCALE	SHEET SIZE	SHEET	REVNP
1.5:1 & NOTED	8.5 X 11	2 of 3	00 AD



0.050" [1.27mm]
MINIMUM LAND
FOR INDUCTION SEAL



DETAIL THREAD
SCALE 4 : 1



SECTION B-B
SCALE 1 : 1

REFERENCE	TOLERANCE	UNITS	DIMENSION
E	± 0.017 [0.43]	in [mm]	1.631 [41.43]
T	± 0.017 [0.43]	in [mm]	1.725 [43.82]
S	± 0.015 [0.38]	in [mm]	0.046 [1.17]
H	MINIMUM	in [mm]	0.400 [10.16]
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

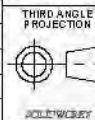
TOLERANCES UNLESS OTHERWISE SPECIFIED

DIMENSION (inches)	TOLERANCE	DIMENSION (mm)	TOLERANCE
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7.875-9.843	±0.032	201-250	±0.813

ANGULAR TOLERANCE ± 2°

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PROJECTION
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CODE
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DRAWING NAME

45-400 CT CLOSURE
RECOMMENDED NECK FINISH

DRAWING NUMBER

CQA - 10302

DRAWN BY

JDM

6/8/2016

MATERIAL

ENG APPR.

LES

12/20/2021

MODEL NUMBER:

QA APPR.

TEM

12/21/2021

SCALE
1:1 & NOTED

SHEET SIZE
8.5 X 11

SHEET
3 of 3

REV/NP
00.AD