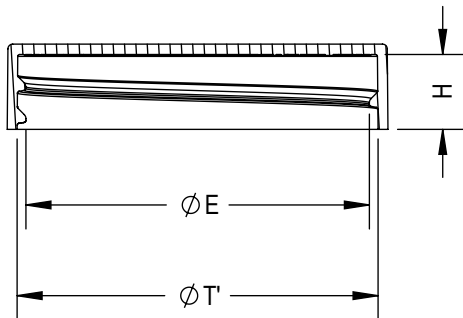
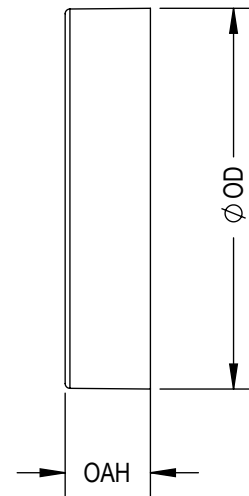
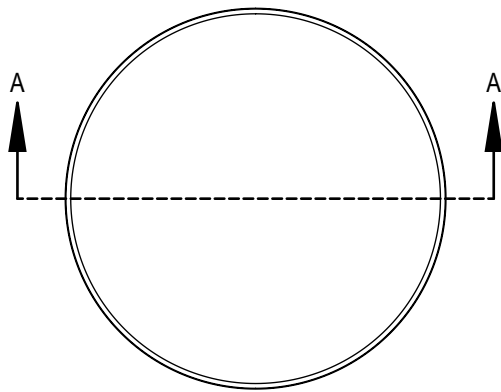
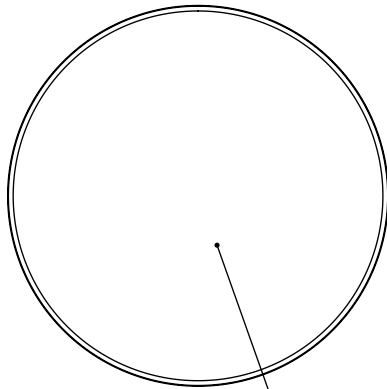




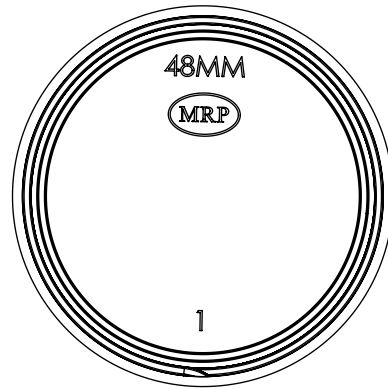
SECTION A-A
SCALE 1 : 1

CL3102-WR

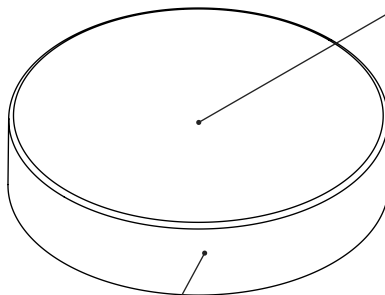
STATIC TORQUE RECOMMENDATION: 19-30 in-lbs REQUIREMENT MAY VARY DEPENDING UPON CONTAINER MATERIAL, NECK FINISH, AND CAPPING EQUIPMENT DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED DIMENSIONS PRECEDED BY AN *** INDICATE THE DIMENSION IS PROCESS SENSITIVE. PROCESS SENSITIVE DIMENSIONS ARE VERIFIED TO BE WITHIN THE TOLERANCE LIMITS DURING THE PRODUCTION RUN. ALL REMAINING DIMENSIONS ARE VERIFIED AT PRODUCTION VALIDATION. PROPRIETARY AND CONFIDENTIAL THIS DRAWING IS PROTECTED BY COPYRIGHT AND CONTAINS INFORMATION PROPRIETARY TO MOLD-RITE PLASTICS AND ITS SUBSIDIARIES. ANY REPRODUCTION, DISCLOSURE, OR USE OF ITS CONTENTS OR ANY PART THEREOF IS EXPRESSLY PROHIBITED EXCEPT AS MOLD-RITE PLASTICS AND ITS SUBSIDIARIES OTHERWISE MAY AGREE IN WRITING. THIS MASTER DOCUMENT IS CONTROLLED ELECTRONICALLY. PRINTED OR DOWNLOADED COPIES ARE UNCONTROLLED. DOCUMENT USERS ARE RESPONSIBLE FOR ENSURING THEY HAVE THE LATEST REVISION PRIOR TO USE. THE PART DIMENSIONS DEPICTED ARE THOSE WHICH HAVE GENERALLY BEEN FOUND TO BE FUNCTIONAL BASED ON INDUSTRY EXPERIENCE. BECAUSE OF VARIABILITY IN CONTAINER FINISHES, EACH CLOSURE/FINISH SYSTEM SHOULD BE INDIVIDUALLY EVALUATED AND TESTED TO ENSURE IT MEETS APPLICABLE PERFORMANCE CRITERIA. MOLD-RITE PLASTICS AND ITS SUBSIDIARIES RESERVE THE RIGHT TO REVISE ANY OR ALL SPECIFICATIONS AND REQUIREMENTS.	REFERENCE	DIMENSION	TOLERANCE	UNITS	 CITADEL PACKAGING CitadelPackaging.com • 208-550-3393 DRAWING TITLE: 48-400 CT CLOSURE 48S (SMOOTH SIDE - SMOOTH TOP) MATERIAL: POLYPROPYLENE DRAWING TYPE: CUSTOMER DISTRIBUTION CODE: D REPLACES DRAWINGS: C-1011 MODEL NUMBER: DWG SIZE: 8.5" x 11" DRAWING NUMBER: REVISION: CQA-10329 00.AB			
	Ø E	1.788 [45.42]	±0.010 [0.25]	in [mm]				
	Ø T'	1.880 [47.75]	±0.010 [0.25]	in [mm]				
	H	0.390 [9.91]	±0.010 [0.25]	in [mm]				
	OAH	0.446 [11.33]	±0.010 [0.25]	in [mm]				
	Ø OD	1.980 [50.29]	±0.012 [0.30]	in [mm]				
	PART WEIGHT	3.80	± 1.00	g				
THREAD DETAIL INFORMATION:		6 THREADS PER INCH	0.167" [4.24] PITCH	360°	FULL DEPTH THREADS	DRAWN BY: JDM 8/17/2016		
						ENG APPR: LES 10/25/2022		
						QA APPR: TM 11/08/2022		



HIGH POLISH
ALL OUTSIDE
SURFACES



TOP GATE
LOCATION (48004)



SIDE GATE
LOCATION (48001, 48003)

CL3102-WR

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

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PERFORMANCE CRITERIA.

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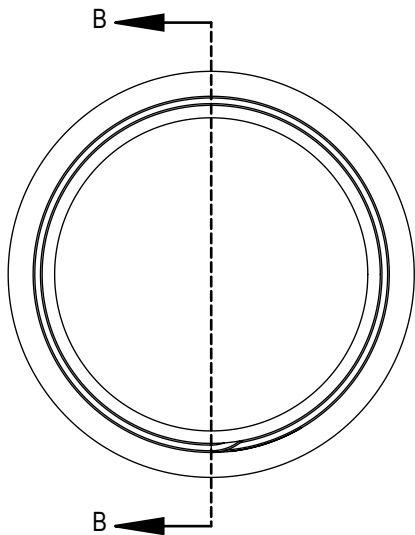
10/25/2021	00	AB	UPDATED RECOMMENDED NECK FINISH TO MATCH PRODUCT SPECIFICATIONS. UPDATED SCALE AND DRAWING FORMAT	LES	AMK
08/17/2016	00	AA	REDRAWN IN NEW FORMAT - SEE C-1011 FOR REVISION HISTORY. CORRECTED "OAH" DIMENSION FROM HISTORICAL DATA REVIEW TO 0.446" (WAS 0.465")	JDM	JDM
DATE	REV	N/P	DESCRIPTION	ENG	DRW
REVISION HISTORY					
REVISIONS: REV: A PHYSICAL CHANGE TO THE PART IMPACTING FIT, FORM OR FUNCTION N/P: DRAWING OR SPECIFICATION CHANGE ONLY					



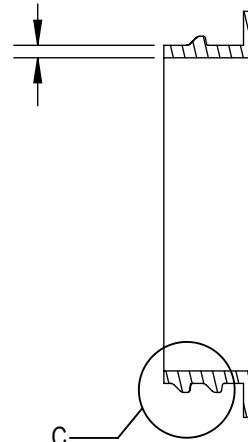
DRAWING TITLE:
48-400 CT Closure
48S (SMOOTH SIDE-SMOOTH TOP)

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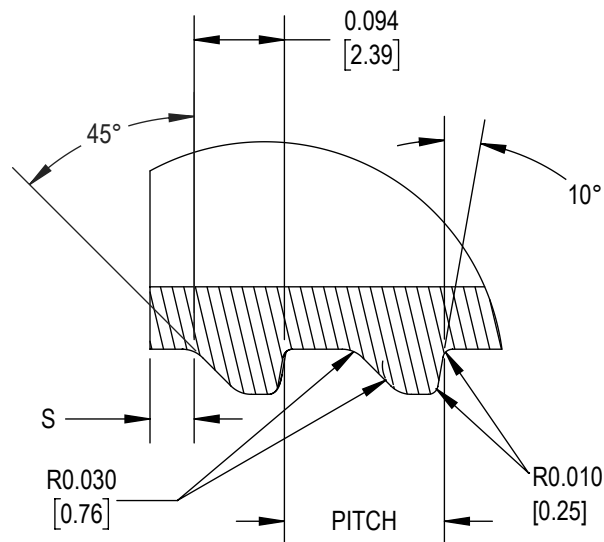
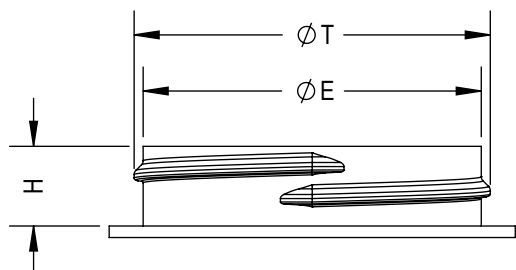
DWG SIZE:	8.5" x 11"	DRAWING NUMBER:	REVISION:
SCALE:	1:1	SHEET:	2 OF 3
CQA-10329		00.AB	



0.050 [1.27] MINIMUM
RECOMMENDED
FLAT FOR PROPER
INDUCTION SEAL



SECTION B-B
SCALE 1 : 1



DETAIL C
SCALE 5 : 1

CL3102-WR

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.

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
ØE	1.761 [44.73]	±0.015 [0.38]	in [mm]
ØT	1.855 [47.12]	±0.015 [0.38]	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 [4.24]		in [mm]



DRAWING TITLE:
48-400 CT Closure
48S (SMOOTH SIDE-SMOOTH TOP)
RECOMMENDED NECK FINISH

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DWG SIZE: 8.5" x 11"		DRAWING NUMBER:	REVISION:
SCALE: 1:1 & NOTED	SHEET: 3 OF 3	CQA-10329	00.AB