

Represented by



ILLINGTM
P A C K A G I N G

Product Specification Sheet

Illing Part#

3660W

28-400 WHITE LINED DISC PP CAP WITH CRAB CLAW SEAL

Part #: 3660W

Size:	28-400
Color:	WHITE
Material:	POLYPROPYLENE
Style:	DISC TOP SMOOTH; CRAB CLAW
Additional Info:	TSPS10-AF LINER
Case Pack:	2,050/EACH
Pallet Pack:	51,250/EACH

Represented by

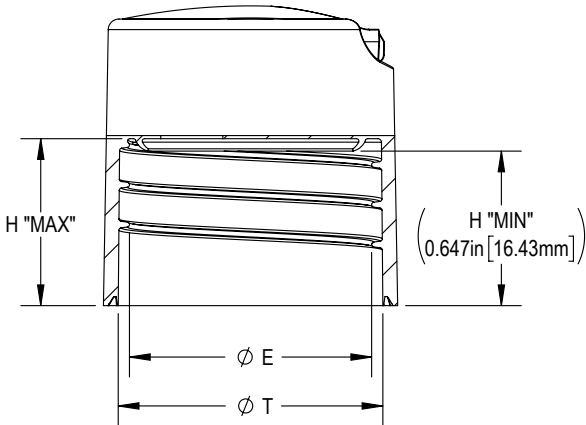
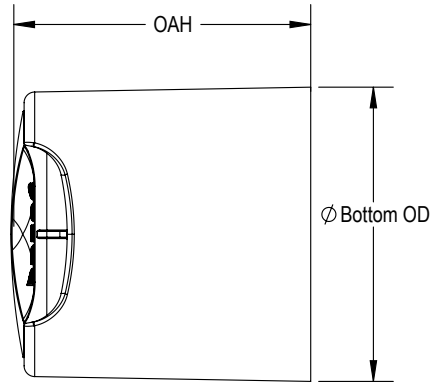
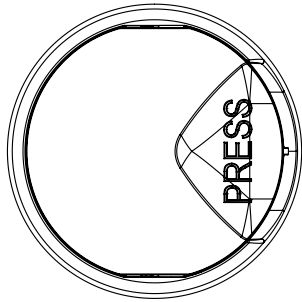


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PACKAGING

Product Specification Sheet

Illing Part#

3660W



THREAD DETAIL INFORMATION:
6 THREADS PER INCH, 0.167 PITCH
CONTINUOUS THREAD TO THE UNDERSIDE OF DECK

REFERENCE	DIMENSION	TOLERANCE	UNITS
E	1.014 [25.76]	± 0.007 [0.18]	in [mm]
T	1.108 [28.14]	± 0.007 [0.18]	in [mm]
H "MAX"	0.699 [17.75]	± 0.015 [0.38]	in [mm]
BOTTOM OD	1.232 [31.29]	± 0.015 [0.38]	in [mm]
OAH	1.255 [31.88]	± 0.015 [0.38]	in [mm]
PART WEIGHT	6.2	± 0.3	g
OPENING FORCE	5.0	± 3.0	lbf

STATIC TORQUE RECOMMENDATION
12-21 in-lbs
THIS REQUIREMENT MAY VARY DEPENDING
UPON BOTTLE MATERIAL, NECK FINISH, AND
CAPPING EQUIPMENT

DRAWING TYPE : CUSTOMER

REPLACES DRAWINGS:

10352

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
1.182-2.756	±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 TOLERANCE ± 2°

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AND STULL TECHNOLOGIES OTHERWISE MAY AGREE IN WRITING



DISTRIBUTION
CODE
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DRAWING NAME
**28-410 Disc Top Smooth
Smooth Domed (0.325" x 0.165")**

DRAWING NUMBER
CQA - 11237

DRAWN BY: CAN 8/2/2019
ENG APPR: CAN 8/2/2019
QA APPR: SSK 8/2/2019

MATERIAL
POLYPROPYLENE

MODEL NUMBER:
PM 11232 Smooth Disk Top Assembly

SCALE: 3:2 SHEET SIZE: 8.5in*11in SHEET: 1 of 3 REV.NP: 00.AA

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 FINISHES. EACH CLOSURE/FINISH
SYSTEM SHOULD BE INDIVIDUALLY EVALUATED AND
TESTED TO ENSURE IT MEETS APPLICABLE
PERFORMANCE CRITERIA. SEE QUALITY ASSURANCE
SPECIFICATIONS FOR ADDITIONAL INFORMATION.

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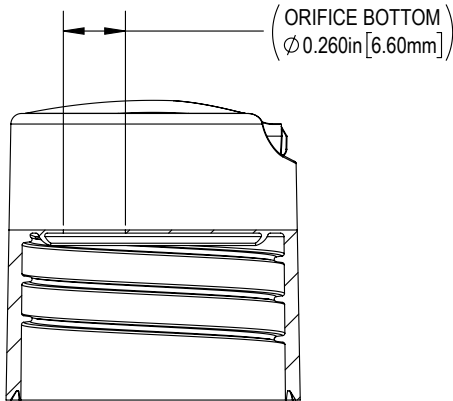
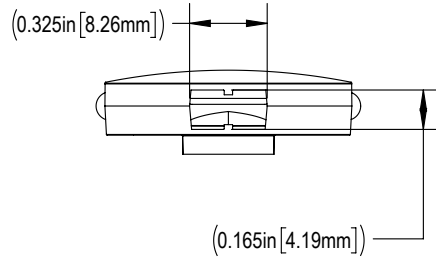
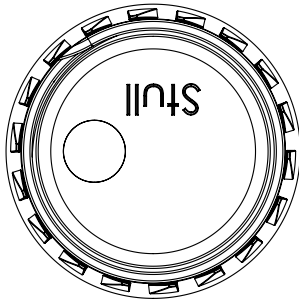
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PACKAGING

Product Specification Sheet

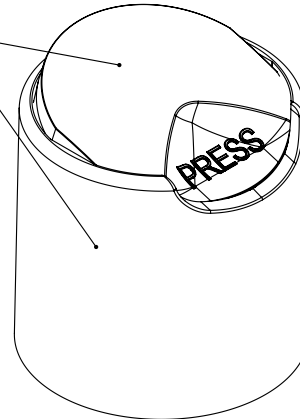
Illing Part#

3360W

DATE	REV	N/P	DESCRIPTION	ENG	DRWN
7/18/2019	00	AA	REVISED RESISTOR DESIGN, AND UPDATED DRAWING FORMAT	CAN	CAN



HIGH GLOSS FINISH



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 FINISHES. EACH CLOSURE/FINISH SYSTEM SHOULD BE INDIVIDUALLY EVALUATED AND TESTED TO ENSURE IT MEETS APPLICABLE PERFORMANCE CRITERIA. SEE QUALITY ASSURANCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

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DRAWING TYPE : CUSTOMER

REFERENCES:

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ANGULAR TOLERANCE ± 2°

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Smooth Domed (0.325" x 0.165")**

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CQA - 11237

DRAWN BY: CAN 8/2/2019
ENG APPR: CAN 8/2/2019
QA APPR: SSK 8/2/2019

MATERIAL
POLYPROPYLENE

MODEL NUMBER:
PM 11232 Smooth Disk Top Assembly

SCALE	SHEET SIZE	SHEET	REV.NP
3:2	8.5 X 11	2 of 3	00.AA

Represented by



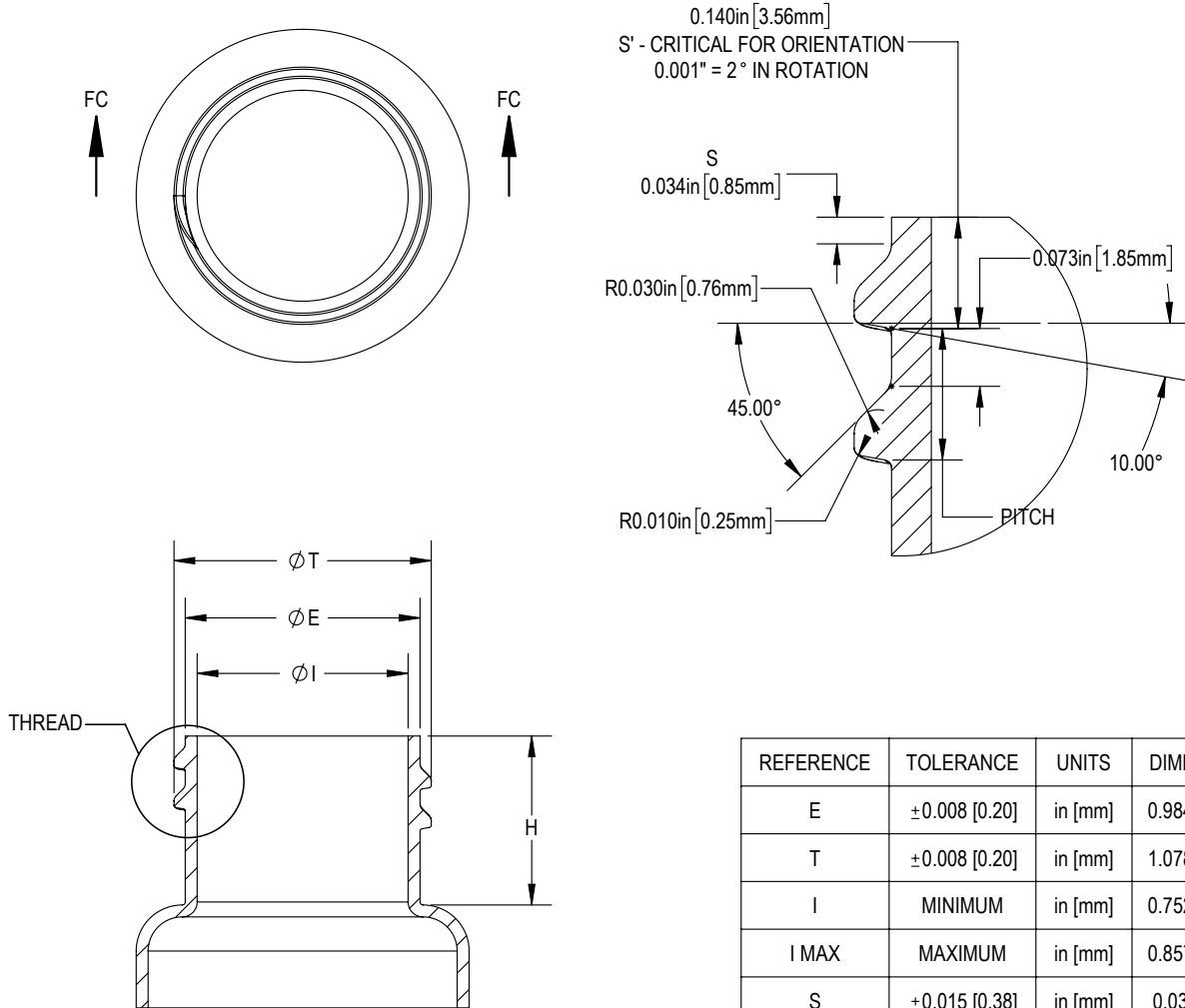
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PACKAGING

Product Specification Sheet

Illing Part#

3660W

RECOMMENDED NECK FINISH



REFERENCE	TOLERANCE	UNITS	DIMENSION
E	±0.008 [0.20]	in [mm]	0.984 [24.99]
T	±0.008 [0.20]	in [mm]	1.078 [27.38]
I	MINIMUM	in [mm]	0.752 [19.10]
I MAX	MAXIMUM	in [mm]	0.857 [21.78]
S	±0.015 [0.38]	in [mm]	0.034 [0.86]
H	±0.015 [0.38]	in [mm]	0.708 [17.98]
PITCH	±0.010 [0.25]	in [mm]	0.167
TPI			6

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

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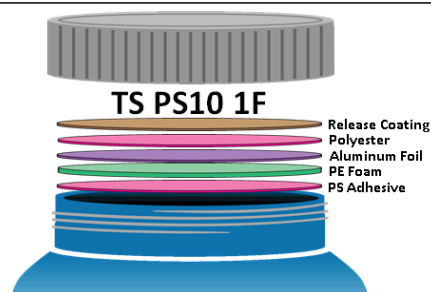
DRAWING NAME
28-400 RNF Model RNF
DRAWING NUMBER
CQA -

DRAWN BY: CAN 8/2/2019
ENG APPR: CAN 8/2/2019
QA APPR: SSK 8/2/2019

MATERIAL
MODEL NUMBER:
SCALE: 1:2
SHEET SIZE: 8.5 X 11
SHEET: 3 of 3
REV/N/P: 00.AA


TRI-SEALTM PRODUCT DATA SHEET


- This data sheet describes TS PS10 1F product
- Designed with an EVA-based pressure sensitive adhesive coated on Polyethylene Foamed Sheet, laminated to Aluminum foil and Polyester film containing a release coating on the back
- Designed to provide tight innerseal to both glass and plastic bottles for solid products, such as dry foods and pharmaceuticals
- Available with custom or standard printing


Typical Product Attributes
Construction

Structure Release Ctg / Polyester / AL Foil / PE Foam / PS Adhesive	25,4µm / 12,7µm / 25,4µm / 228,6µm / 50,8µm	0.001" / 0.0005" / 0.001" / 0.009" / 0.002"
Minimum Width	25,4 mm	1.0 inch
Width Tolerance	± 1,6 mm	± 1/16 inch

Properties

Good Chemical Resistance to	Foods; Oils; Aqueous Media; Weak Acids and Alkalis; Organic Solvent
Poor Chemical Resistance to	Chlorinated Hydrocarbons
Sealing Properties	The sealability varies depending on surrounding temperature, application torque, and the age of the product when the adhesive coating is exposed to air and light. Therefore prospective users are urged to re-test for their specific application before use
Water Vapor Transmission (WVTR)	Essentially Zero
Gas (O ₂ , CO ₂ , & Others) Transmission (GTR)	Essentially Zero

Regulatory Compliance

FDA Compliance	21 CFR 177.1520 (Olefin Polymers) 21 CFR 175.300 (Resinous and Polymeric Coatings) 21 CFR 177.1210 (Closures with Sealing Gaskets for Food Containers)
Drug Master File (DMF)	1378
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: 06/18/2001
 Revised Date: 10/13/2010
 Revision Number: 4
 Revised by SR

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