

Represented by



ILLINGTM
P A C K A G I N G

Product Specification Sheet

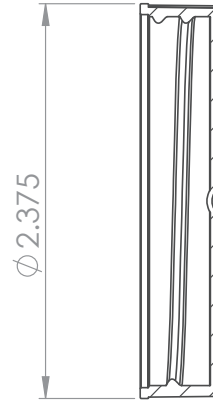
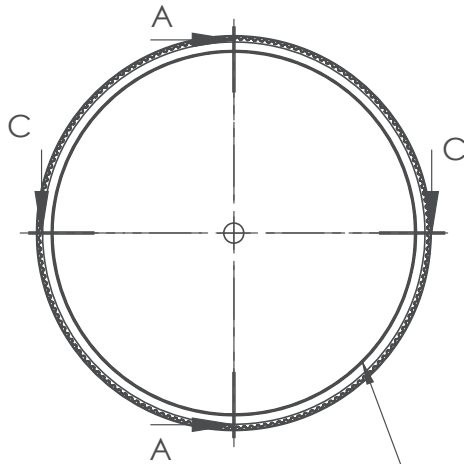
Illing Part#

3630PVBLK

58-400 PP BLACK FINE RIBBED MATTE CAP W/PHARM-SEAL LINER

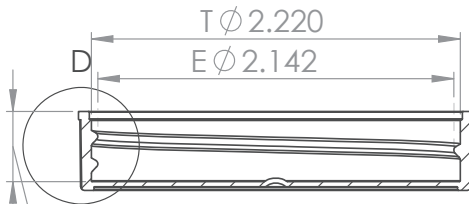
Part #: 3630PVBLK

Size:	58-400
Color:	BLACK
Material:	PP
Style:	FINE RIBBED MATTE CAP
Additional Info:	PHARM-SEAL LINER
Case Pack:	1100/EACH
Pallet Pack:	38500/EACH



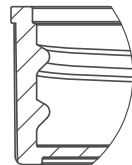
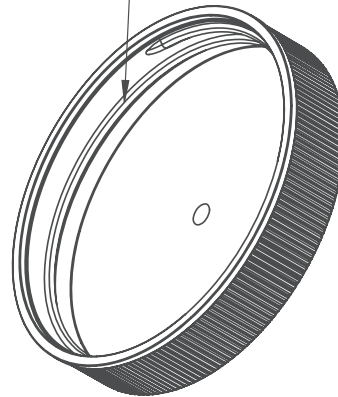
SECTION A-A

TEXTURE MT 11020
Ø 2.190



SECTION C-C

6 THERAD PER INCH
.167 LEAD 1 1/4 TURNS



DETAIL D
SCALE 2 : 1

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF RELIABLE CAPS LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF RELIABLE CAPS LLC IS PROHIBITED.

		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± 1/64 ANGULAR: MACH ± 1 BEND ± 1 TWO PLACE DECIMAL ± .015 THREE PLACE DECIMAL ± .008		NAME	DATE	Reliable Caps LLC	
		MATERIAL Polypropylene		DRAWN dws	7-18-12		
		FINISH		CHECKED		58-400LT	
				ENG APPR.			
				MFG APPR.			
				Q.A.		58mm cap LT	
				COMMENTS:			
NEXT ASSY	USED ON					SIZE A	REV.
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:1	WEIGHT:
						SHEET 1 OF 1	



Tech-Seal Products, Inc.

Technical Data

Pharm-Seal[®] V Vinyl Liner

 MRP Description -
 (004)PHARMSEAL V.020 PL

Pharm-Seal[®] V is a primary liner that has clear, gloss, cross-linked polyvinyl coating as the product contact surface. This product is designed to meet the specific demands of pharmaceutical packaging. This liner provides reseal and good barrier to oxygen and moisture. Pharm-Seal[®] V is compatible with a wide range of products. This primary liner is most typically backed with pulp, but is also available with paper or polystyrene backing. Pharm-Seal[®] V is available plain or waxed.

Structure

Material		Thickness* (Mils)	Thickness* (Microns)
Pulp		As specified	As specified
Bleach Kraft		2.5	63.5
High-Density Polyethylene		1.0	25.4
Polyvinyl Coating		0.35	8.9
Total (add specified pulp thickness)		3.9**	97.8**

* The information listed reflects target values, and there will be variation in these values within acceptable industry standards ($\pm 10\%$).

** Note: The thickness of the total structure may not necessarily be the sum of the individual layers, and the total thickness reported is based upon actual measurements.

FDA Status

All components and the manufacture of this seal comply with the U.S. Federal Government's Code of Federal Regulations 21CFR177.1210, Closures with sealing gaskets for food containers. Information pertaining to Tech-Seal Products, Inc. and its products are entered into Drug Master File 14762.

Physical Properties

Appearance: Non-Product Side Product Side
 Matte Manila Gloss White

Pinholes (Qty/YD²): < 6

Oxygen Transmission Rate (cc / 100 in² / 24 hr @ 75° F & 5 0% R. H.): < 10.0

Moisture Vapor Transmission Rate (g / 100 in² / 24 hr @ 100° F, 90% R.H.): < 0.5

Suggested Product Applications

Alcohol, ammonia, antacids, auto cleaners, bleaching agents, castor oil, cod liver oil, cosmetics cottonseed oil, detergents, distilled beverages, food extracts, hair care products, lemon juice, lime juice, mineral oil, personal care products, pharmaceuticals, mineral oil, vegetable oil, wax, wine and witch hazel.

The products listed above are a partial listing of suitable applications for this product. This listing is provided as a reference for how this product may be used. However, the user is responsible for testing the suitability of this product for a specific application.

Important Notice: All statements, technical information, and recommendations herein are based on tests and experience, which are reliable to the best of our knowledge, but the accuracy thereof is not guaranteed. Tech-Seal Products, Inc. only obligation shall be to replace such quantity of the product proved to be defective. Before using, the user is responsible to determine the suitability of the product for its intended use, and the user assumes all risk and liability whatsoever in connection therewith.

Our Goal is to be your first choice...

