

Represented by



ILLING[™]
P A C K A G I N G

Product Specification Sheet

Illing Part#

3670BKPBL

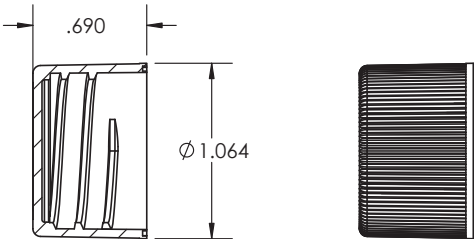
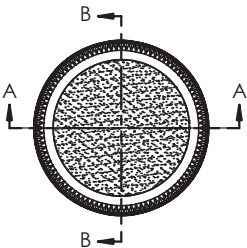
24-410 BLACK PP CAP .035 PULP FS 3-25 FOIL

Part #: 3670BKPBL

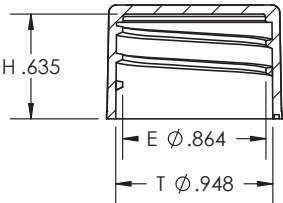
Size:	24-410 NECK
Color:	BLACK
Material:	PP
Style:	PLASTIC CAP
Additional Info:	035 PULP FS 3-25 FOIL
Case Pack:	4,000 / EACH
Pallet Pack:	140,000 / EACH



www.illingpackaging.com

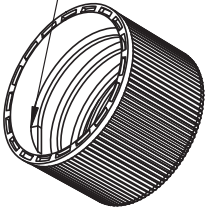


SECTION B-B



SECTION A-A

8 THREADS PER INCH
.125 LEAD 2 1/2 TURNS



				DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ±.015 THREE PLACE DECIMAL ±.008		NAME	DATE	<i>Reliable Caps LLC</i>				
					DRAWN	PRS	4/15/10					
					CHECKED			24-410				
					ENG APPR.							
					MFG APPR.							
					COMMENTS:							
				MATERIAL				24-410 L				
				FINISH								
		NEXT ASSY	USED ON									
		APPLICATION		DO NOT SCALE DRAWING								
							</					


 Homopolymer - High Level of Antistat
 - High Flow Reactor

 POLYPROPYLENE
 3721WZ

High Flow. TOTAL Polypropylene 3721WZ is designed with high flow characteristics for ease of filling thin wall parts.

High Antistat. TOTAL Polypropylene 3721WZ is engineered with a high level of antistat for shelf cleanliness and mold release.

FDA. TOTAL Polypropylene 3721WZ complies with all applicable FDA regulations for food contact applications.

Nucleation. TOTAL Polypropylene 3721WZ is nucleated to provide fast cycle time and improve contact clarity in thin wall, multi-cavity molds.

Recommended Applications. TOTAL Polypropylene 3721WZ is ideal for caps, closures, cutlery, and other thin wall multi-cavity applications.

Processing. TOTAL Polypropylene 3721WZ resin processes on conventional injection molding equipment with typical melt temperatures of 390°-450°F (200-232°C). Call the nearest TOTAL Polypropylene Sales Office for additional information.

<u>Resin Properties⁽¹⁾</u>	<u>Typical Value</u>	<u>ASTM Method</u>
Melt Flow, g/10 min.	20	D-1238 Condition "L"
Density, g/cc	0.905	D-1505
Melt Point, °F (°C)	316 (158)	DSC ⁽²⁾
<u>Mechanical Properties⁽¹⁾</u>		
Tensile Strength, psi (M Pa)	5,500 (37.9)	D-638
Elongation, %	12	D-638
Tensile Modulus, psi (M Pa)	260,000 (1,790)	D-638
Flexural Modulus, psi (M Pa)	255,000 (1,760)	D-790
Izod Impact, @ 73°F		D-256A
Notched - ft.-lb./in. (J/m)	0.5 (26.7)	
Unnotched - ft.-lb./in. (J/m)	20.0 (1,065)	
Hardness		
Rockwell R	107	D-785A
<u>Thermal Properties⁽¹⁾</u>		
Heat Deflection		D-648
°F at 66 psi	260	
°C at 4.64 kg/cm ²	127	

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.
 (2) MP determined with a DSC-2 Differential Scanning Calorimeter. Test procedure available upon request.

3721WZ 10/04

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 800.344.3462
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Technical Center
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All tests were run under laboratory conditions. ASTM (where applicable) testing procedures. The data are intended as a general guide only and do not necessarily represent results that may be obtained elsewhere. The use of TOTAL products must be guided by the users own methods for selection of proper formulation. TOTAL PETROCHEMICALS USA, INC. disclaims any responsibility for misuse or misapplication of its products. TOTAL MAKES NO WARRANTY OF MERCHANTABILITY AND THERE IS NO WARRANTY THAT GOODS SUPPLIED SHALL BE FIT FOR ANY PARTICULAR PURPOSE. TOTAL'S liability and customer's exclusive remedy for any claims arising out of sale of its products are expressly limited at customer option to replacement of non-performing goods or payment not to exceed the purchase price plus transportation charges thereon in respect to any material which damage is claimed.

ILLING is a registered trademark of TOTAL PETROCHEMICALS USA, INC. in the United States and other countries. 3721WZ is a registered trademark of TOTAL PETROCHEMICALS USA, INC. in the United States and other countries.

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Represented by



ILLINGTM
P A C K A G I N G

Product Specification Sheet

Illing Part#

3670BKPBL

AMPACET
Plastics Reimagined™

Product Data Sheet

191029

FDA Black PE MB

Physical Properties

Carrier Resin:	PE	
Specific Gravity:	1.15	
Melt Flow Index:	1-11	(nominal) ASTM D1238, 190°C / 10.0 kg
Pigment (wt. %):	40	(nominal) Carbon Black

Comments

This product was designed for standard molding applications.

The amount of masterbatch required depends on the performance requirements of the final plastic product.

Storage & Recommended Usage

It is recommended to use this masterbatch within 24 months of the production date. It should not be stored outside. Recommended to always seal opened packaging after use.

Regulatory Status

Due to the wide range of applications for this product, regulatory information cannot be adequately covered in a technical data sheet.

Please contact your North American Regulatory Affairs team using contact information below.

Issued: 04 Jun 2019

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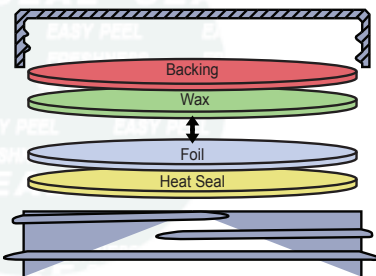


Freshness and Protection
for Today's Packaging

FoilSeal™ Data Sheet

.035" Pulp FS3-25

Revision: FS325-01182014

Product	.035" Pulp FS3-25		
Scope	Two piece pulp backed heat induction foil innerseal will provide an aggressive bond with clean peel removal from PET and PVC containers. (.0005" mil foil version of FS3-19). Easy access / "puncture foil" when wax bonded to pulp.		
Composition	Material	Standard	Metric
	Backing	.035"	.889 mm
	Wax	-	-
	Foil	.0005"	.0127mm
	Heat Seal	.0005"	.0127mm
			
Composition does not include adhesive, resin or wax bonding layers (if any).			
FDA Status:	21 CFR 177.1210	Recommended Storage and Handling:	
Drug Master File (DFM):	#4544	Canadian DMF:	EU / EP Reg.:
GTR Oxygen:	Essentially Zero	MVTR:	Essentially Zero
Print Locatoin (if any):	Foil Layer and/or Heat Seal Layer		

Selig materials are compliant with current USFDA Food allergen Guidelines.

Selig materials are compliant with California Proposition 65 labeling requirements.

Selig materials are compliant with limitation of heavy metals in packaging per CONEG & EU 94/62/EC, article 11.

MSDS's are not required as Selig is not a chemical manufacturer or distributor and our products are 'articles' intended for food packaging per 29 CFR 1910.1200 (HazCom).

The information contained within this product data bulletin is to be used as a general guide in determining which structures are offered for sealing to specific container materials. All of the information which we provide is reliable to the best of our knowledge, but the accuracy thereof is not guaranteed. We suggest that consumers determine suitability for their own application.

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