

## SHALLOW SKIRTED CLOSURES

# 89-400-9613 S



## Specifications:

**DIAMETER** 89 mm

**THREAD PROFILE** 400

**NECK FINISH** 89-400

**CLOSURE TOP** Stipple

**CLOSURE SIDEWALL** Fine Ribbed

**MATERIAL** PP

## PACKAGING & FREIGHT INFORMATION

PACK TYPE	PCS/CTN	CTNS/PALT	PCS/PALT	CTN WT*	PALT WT*	FRT CLASS
Stack	624	15	9,360	20 <sup>(1)</sup>	296 <sup>(1)</sup>	125 <sup>(1)</sup>
Stack	624	15	9,360	23 <sup>(2)</sup>	296 <sup>(2)</sup>	125 <sup>(2)</sup>
<b>CARTON DIMENSIONS:</b> 24 x 16 x 15			<b>PALLET DIMENSIONS:</b> 48 x 40 x 50			

(1) Unlined Closures (2) Lined Closures \*Approximate

## MARKETS

Food, Food Service, Agricultural, Automotive, Industrial and Medical Products, Dressings & Sauces, Personal Care & Cosmetics, Soup Base, Pharmaceuticals, Nutraceuticals & Powdered Drinks.

## OPTIONS

Available in white, standard, and custom colors. Liners can be cut with a pull-tab or tri-tab easy-open feature.

## CLOSURE BENEFITS

- A great general-purpose closure
- Fine-ribbed sides are easier to grip
- Our most popular closure style



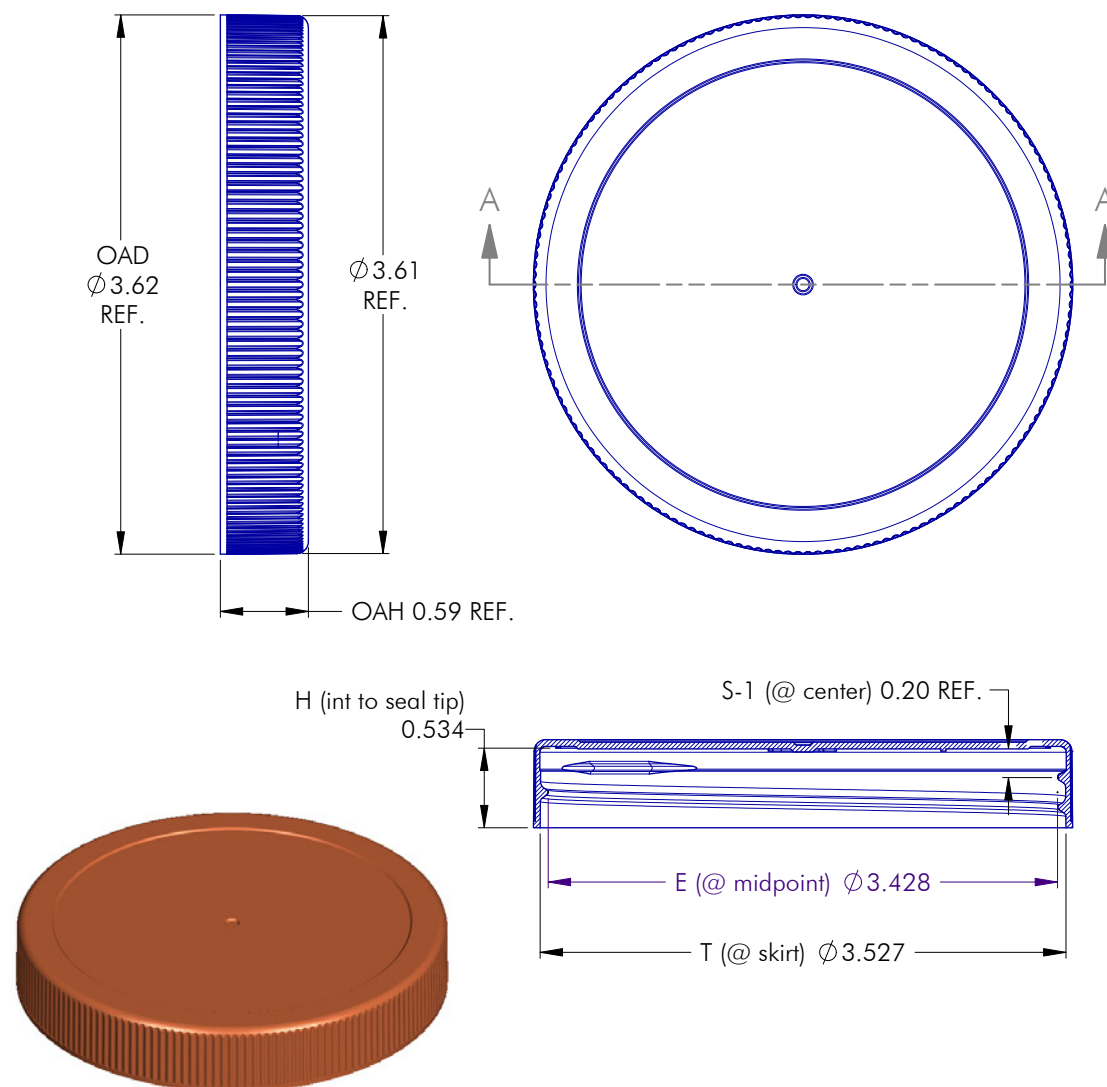
# PHOENIX™

PHXPKG.COM

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1899 High Grove Lane Naperville, IL 60540

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NOTES: (UNLESS OTHERWISE SPECIFIED) 1. ALL DIMENSIONS ARE IN INCHES. 2. SEE CHART FOR DIMENSIONAL TOLERANCE.	4	04.08.15	Re-define Reference Dimensions						DN
	REV	DATE	DESCRIPTION						BY
	TOLERANCE		PITCH/TPI	.200 / 5	TURNS	1-3/16	MAT'L	PP	
	.X	±0.1	DRAWN	DMN	DATE	07.27.06	SCALE	1 : 1	
	.XX	±0.02							REV
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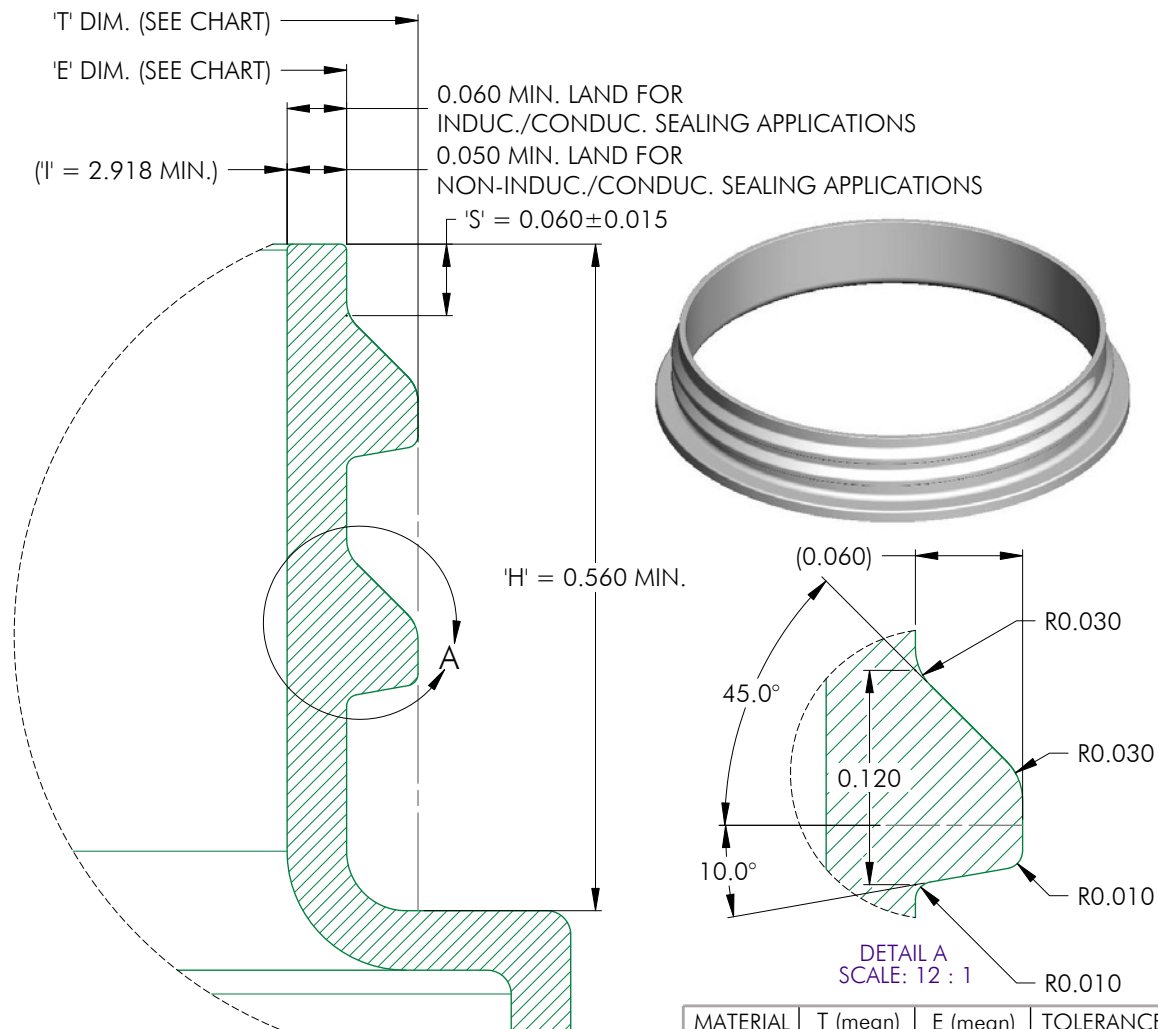


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MATERIAL	T (mean)	E (mean)	TOLERANCE
PP / PE	3.4935	3.3735	± 0.0175
PET	3.499	3.379	± 0.012
GLASS	N/A	N/A	± N/A

NOTES: (UNLESS OTHERWISE SPECIFIED)				0	10.22.17	Released	DN
1. ALL DIMENSIONS ARE IN INCHES.				REV	DATE	DESCRIPTION	BY
2. SEE CHART FOR DIMENSIONAL TOLERANCE.				TOLERANCE	PITCH/TPI	200 / 5	TURNS 1-1/2
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				.XX	±0.02	SCALE 8 : 1	REV
				.XXX	±0.010	89 - 400 - FINISH	0



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# PRODUCT DATASHEET

## FOAMSEAL PS-21

NA

**TEKNIPLEX**  
Consumer Products

- FOAMSEAL PS-21 is a pressure-mounted seal that has EVA-wax pressure sensitive adhesive coated on Polystyrene Foam with a release coating on the backside
- The US FDA does not consider liners applied with pressure sensitive adhesive to be an effective tamper-resistant feature
- For best performance, use FOAMSEAL PS-21 in applications with closures sizes less than 53mm diameter
- Recommended for use with dry products only
- Available with standard or custom print

### Construction<sup>1</sup>

Thickness  
SI (µm)

25,4  
508,0  
50,8 – 76,2



Thickness  
US (mils)

1.0  
20.0  
2.0-3.0

### Properties

Characteristic	SI	US
Color	White	White
Oxygen Transmission	Not tested	Not tested
Moisture Vapor Transmission	Not tested	Not tested
Thickness Tolerance	± 10%	± 10%
Available Widths	25,4 – 1016,0 mm	1.0 – 40.0 in
Width Tolerance	± 1,6 mm	± 0.0625 in

### Sealing Properties

Designed to be used as an innerseal for solid products, such as dry foods, supplements, mild, dry chemicals, etc. This liner will provide a tight seal on both glass and plastic bottles. The seal performance of this product is dependent on the surrounding temperature, application torque and age of the product, especially when the pressure sensitive adhesive coating is exposed to air and light. Prospective users are urged to determine the suitability of this product for their specific application before use.

### Product Attributes

- Does not require specialized equipment to seal
- Modest protection against dry product leakage in transit
- Good compressibility

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Compliance	
US Compliance	Compliant with the following US regulations
US FDA	21 CFR 177.1640 Polystyrene and rubber-modified polystyrene 21 CFR 177.1210 Closures with sealing gaskets for food containers 21 CFR 175.125 Pressure-sensitive adhesives
US Drug Master File (DMF)	001378
California Proposition 65	California Proposition 65 Labeling Requirements
CONEG	Limitations of Heavy Metals in Packaging per CONEG
Safety Data Sheet (SDS) Statement	Safety Data Sheets (SDS) are not required for articles as defined in 29 CFR 1910.1200, the OSHA Hazard Communication Standard (HazCom). This product is an article as defined by HazCom and is not considered to be, or to contain, a hazardous chemical based on evaluations made by our company
EU Compliance	Compliant with the following EU regulations
	EU 94/62/EC, Article 11 EU 10/2011: Meets the compositional requirements of Regulation (EU) 10/2011 on plastic materials and articles intended to come into contact with food
Safety Data Sheet (SDS) Statement	This product qualifies as an "Article", as defined in art. 3.3 of Regulation (EC) no 1907/2006. As an "Article", there is no legal obligation to provide a safety data sheet (SDS). TekniPlex provides its customers with the appropriate safety information for its products

Storage and Handling	
Storage Conditions	
<ul style="list-style-type: none"><li>It is recommended that this material be stored in a low-temperature environment such as a refrigerated storage room with a temperature of 3.3° C (38° F) or below</li><li>The material must be protected from direct sunlight and high atmospheric humidity during storage. Large fluctuations in ambient temperature and high atmospheric humidity may lead to moisture condensing inside the packaging</li></ul>	
Handling	
For optimum quality and material processing:	
<ul style="list-style-type: none"><li>The material should be stored in a low-temperature environment such as a refrigerated or freezer room at a temperature of -18° C (0° F) or below for at least 48 hours prior to processing</li><li>It is recommended to use the material within 6 months of the date of manufacture</li></ul>	

Manufacturing Region	
This PDS applies to FOAMSEAL PS-21 manufactured and supplied from TekniPlex’s North American facilities	
<sup>1</sup> Construction does not necessarily reflect all adhesive or resin bonding layers, if present	
The numbers presented in this product data sheet are typical values and are not intended to be specifications	

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