

TWIST-R-LOCK

Rapid insert suction cup retainer system

TWIST-R-LOCK Standard Retainers

Metal Detectable Part # TRL 1005 (122F)

Twist-R-Lock Hard Retainers

Metal Detectable Part # TRL 1005H (122FH)

Fits most standard cups used in Bakery Depanner applications

Insertion Tool

Part # TRL 1001 (122T)



Twist-R-Lock Plugs TRL-122FP

Standard or Hard

Rubber Washers TRL-122W



Twist-R-Lock Round Hole Retainers

3/8" diameter round Part # TRL 1008 (122RH3)

5/16" diameter round Part # TRL 1009 (122RH5)

Twist-R-Lock Tall Retainers

Metal Detectable Part # TRL 1005T (122FL)



TWIST-R-LOCK products are designed to fit existing Depanner Equipment in the use in modern production facilities. The unique leading edge design of our retainer makes installation into cups and belts as easy as turning a screw.

*Premium Grade Silicone Rubber is used for temperature applications of 400° F.
Intermittent Higher temperature exposure may reduce cup life.*

Dist. By

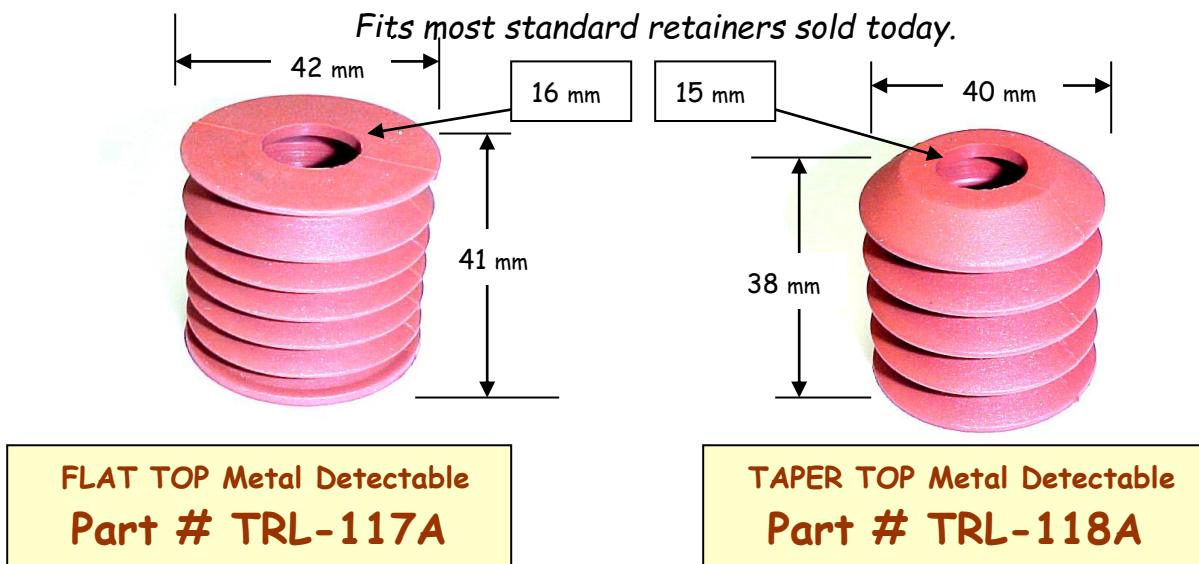
Depanner Cups

Soft 40 Durometer Silicone Rubber

Metal
Detectable
Product



The highest quality **Metal Detectable Silicone Rubber** is precision molded into a soft, flexible, extremely durable depanner cup. Two styles to choose from.



Dist. By

Depanner Cups

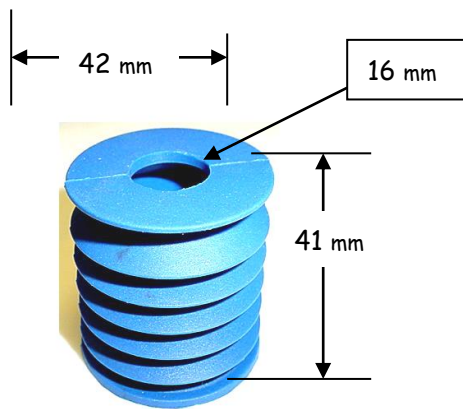
Extra-Soft 30 Durometer Silicone Rubber

Metal
Detectable
Product

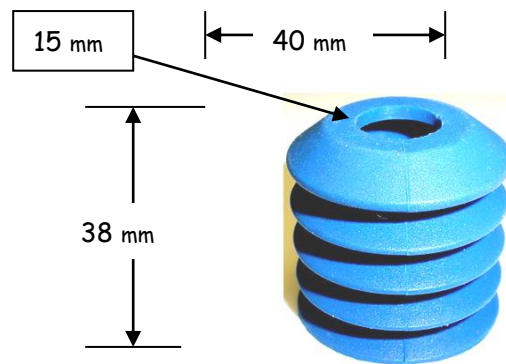


The highest quality **Metal Detectable Silicone Rubber** is precision molded into an extra- soft, flexible, extremely durable depanner cup. Two styles to choose from.

Fits most standard retainers sold today.



**FLAT TOP Metal Detectable
Part # TRL-117B**

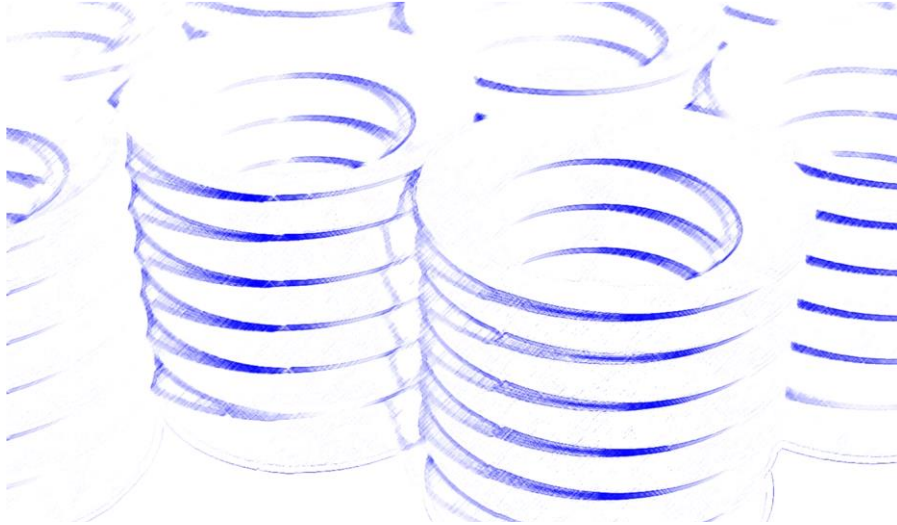


**TAPER TOP Metal Detectable
Part # TRL-118B**

Dist. By

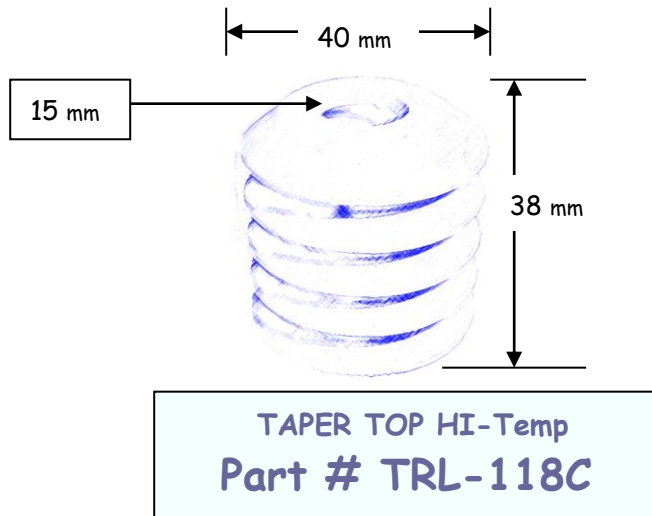
Depanner Cups

40 Durometer Clear Hi-Temp Silicone Rubber



The highest quality **Virgin Silicone Rubber** is precision molded into an extremely durable depanner cup. This cup is used when extreme heat may damage other style cups.

Fits most standard retainers sold today.



Dist. By

Depanner Cups

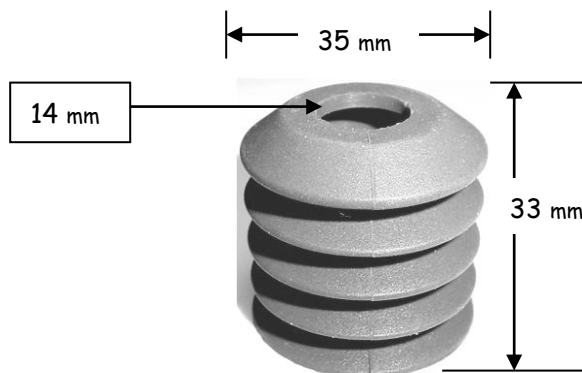
Extra-Soft 30 Durometer Silicone Rubber Pizza cups

Metal
Detectable
Product



The highest quality **Virgin Silicone Rubber** is precision molded into an extra-soft, flexible, extremely durable depanner cup.

Fits most standard retainers sold today.



TAPER TOP
Part # TRL-119B

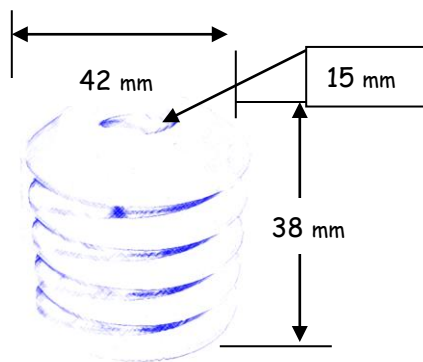
Dist. By

SOFT LIP Depanner Cups

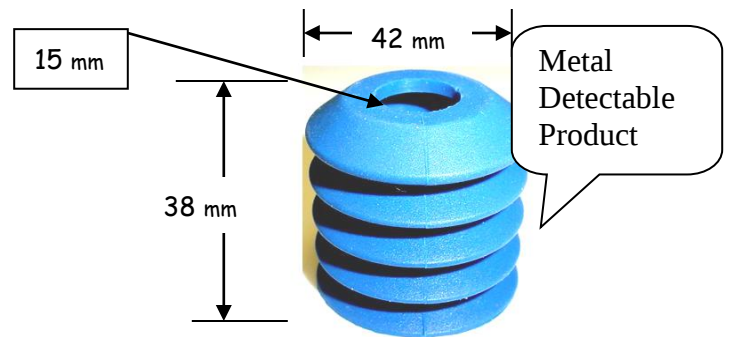
Extra-Soft 30 Durometer Silicone Rubber with extra thin lip



The highest quality **Super Soft Silicone Rubber** is precision molded into Depanner cups with extra thin lip area for a softer pick-up zone. Two styles to choose from, Clear and Metal Detectable Blue. Fits most standard retainers.



Taper TOP Soft Lip
Part # TRL-120C
30 Durometer



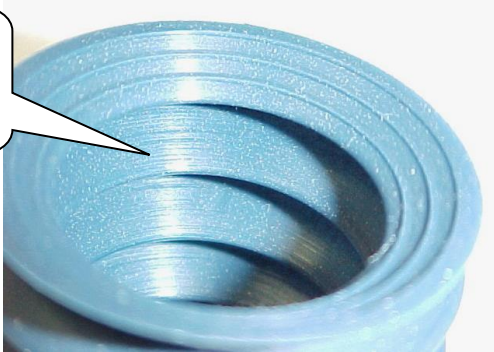
TAPER TOP Metal Detectable
Part # TRL-120B
30 Durometer

Depanner Cups

Premium Quality Silicone Rubber

Ring Top Cups

Metal
Detectable
Product



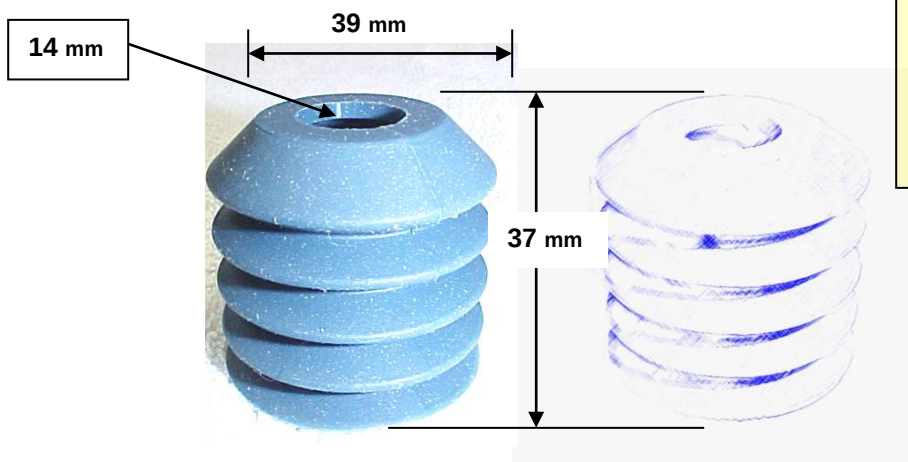
The highest quality **Silicone Rubber** is precision molded into Depanner cups with concentric rings at the pick-up zone.

This helps to prevent seeds and special toppings from leaking vacuum at contact points.

Two styles to choose from:

121B Metal Detectable BLUE 45 Duro

121C Hi-Temperature Clear 40 duro



RING TOP CUP

Part # TRL-121B

Part # TRL-121C

Dist. By

TWIST-R-LOCK

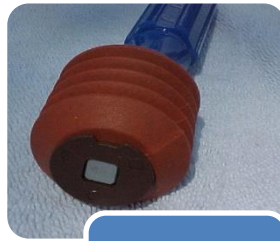
Rapid insert suction cup retainer system

Installation Procedure

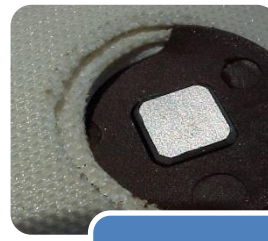
The Twist-R-lock installation tool makes installing cups and retainers in belts as easy as **1-2-3**. After selecting proper cup for your application;



Align Install
tool,
retainer
and cup



Install
retainer
into cup



Install cup
into belt



Alternative
View

The twisting action of the retainer during this process, winds the keeper into the cup and belt at the same time. The installation notch should always end up on the back side of the belt resting in the counter bore area.

A light misting of water base widow cleaner will aid in the mounting process. This should be applied sparingly to the leading edge of the retainer.

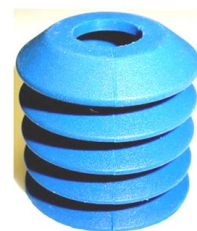
Slight discoloration of the bottom flange may occur during installing these retainers. This is normal and is caused by the stressing of the plastic as it is forced into place in your belt. Repeated stressing may cause premature failure of the retainer.

DEPANNER PRODUCTS

CLEANING REPORT January 2012

Characteristic	Applicable Information
Type of Material:	All Twist-R-Lock Silicone Depanner Cups
Part Numbers:	117 series 118 series 119 series 120 series 121 series
Process Temperature:	-60°F to +400°F -51°C to +204°C
Metal Detectable	All cups in this range are metal detectable with the exception of the clear units

Twist-R-Lock premium depanner cups have an exceptionally long shelf life and are resistant to many common chemicals and cleaning agents found in modern bakery plants. These cups have become the industry standard and will give many hours of use in normal applications.



The recommended procedures should be followed and include:

- **Regular inspection and cleaning of cups**

As with all equipment in a production plant, regular preventative maintenance is a very effective tool in prolonging the life cycle of the depanner cups.

- **Start up of new shift**

At the beginning of each shift, a visual inspection should be performed. Any damaged cups or heavily soiled cups should be removed and replaced at this time.

- **Off Belt Cleaning**

Depanner cups should be removed from the belt and manually cleaned using hot water and mild detergent. Check with your supplier for a mild FDA approved detergent. Commercial washing machines may be used if cups are contained in a mesh bag to prevent damage from interaction with other items.

- **Chemical Compatibility**

Silicone Rubber can be mildly affected by polar organic compounds such as alcohol, dilute acids and bases. These chemicals may cause a swelling of approximately 10-15%.

Non-Polar organic compounds such as toluene, gasoline or benzene will cause extensive swelling over extended exposure and should be avoided.

Strong acids and bases will cause breakdown of Silicone Rubber and should not be used at any time.





June 1, 2004

Mr. David Wertheimer
WILLIAM B. RUDOW CO.
1122 Goodrich Ave.
Sarasota, FL 34230

RE: SAFELINE SENSITIVITY STATEMENT

The following sensitivity specification was determined by a product test of submitted samples at the Safeline Test Facility.

The submitted rubber suckers were tested on a PPH 14 x 5 at multiple phase angles and were detected 100% of the time.

PRODUCT INFORMATION

Description : Rubber Sucker
Dimensions : 1 5/8" Diam. x 1 1/2" H
Rate : To Be Determined
Weight : 1/2 oz.
Temperature : Ambient

(Product Test conducted by Don Gaudio)

Sincerely,


Wyeth Thomas
Sales Engineer

cc: Mr. Dennis Hunting
HUNTING PACKAGING MACHINERY, INC
20737 Eustis Road
Land O Lakes, FL 34639-7444
Tel: (813) 996-9581
Fax: (813) 996-9682



FAX TO: Mr. Mike Egan

October 17, 2003

Mr. Ted Anderson
CM PRODUCTS COMPANY
35 Craig Martin Court
St. Peters, MO 63376

RE: SAFELINE SENSITIVITY STATEMENT

The following sensitivity specification was determined by a product test of submitted samples at the Safeline Test Facility.

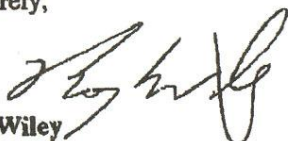
The submitted twistriock parts were detected on a PPH+ 16" wide by 7" high detector using phase above 10.00° and below 160.00°, to a minimum of 0.5" by 0.5" in all orientations.

PRODUCT INFORMATION

Description	: Loaves of bread
Dimensions	: To be determined
Rate	: To be determined
Weight	: To be determined
Temperature	: 80° - 120°F

(Product Test conducted by Don Gaudio)

Sincerely,


Roy Wiley
Sales Engineer

cc: Mr. Mike Egan
JAECO, INC.
13029 Catalina St
Leawood, KS 66209
Tel: (913) 681-0819
Fax: (913) 681-0739

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