



Products in Roll (Tape, Reel) & Disc (Wad) Form

Selig's products are designed as closure liners for induction heat sealing to containers or as wet glue seals, pressure sensitive seals, or gasket seals. They may be one or two piece structures that are permanently or temporarily bonded to backings of paper, board, pulp, or foam. This technical information document addresses storage, handling and protection conditions for products in roll and pre-cut disc form (Selig provided only) to insure proper function and optimum performance.

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Customer Notice

Selig strongly encourages its customers to review both their manufacturing processes and their applications of Selig products from the standpoint of Good Manufacturing and the use of First In First Out inventory practices to ensure that Selig products are used only in ways for which they are intended and tested. Selig customer service personnel are available to answer your questions and to provide reasonable technical support. Selig product literature, including technical data sheets, should be consulted prior to use of Selig products. Current product technical data sheets are available from Selig.

Product Expiration

- Each roll or carton of pre-cut liner product is provided a label containing essential information such as Selig Order number and date of dispatch.
- The product expiration date may also be found on each roll or carton product label for Selig - Aurora, Forrest, Slough and Niederglatt manufactured products.
- Product used after the expiration date or that have been improperly stored or handled shall be deemed "Out of Condition" and if used, is the sole responsibility of the customer.
- Consult Selig's "Inventory Management - Product Tracing and Best Practices" document (Form No. RD051607E) found on Selig's website (<http://www.seligsealing.com/storage.html>) for roll and carton label information and samples.

Product Handling

- 1) Rolls/Cartons (i.e., pre-cut liner parts) should be handled according to facility established safe practices and in a manner that should prevent personnel injury and product damage.
- 2) Rolls/Cartons should be inspected for condition immediately upon delivery. Consult the photographs within "Pallet Configurations" of this document for proper Selig packaging. If Rolls/Cartons are received in a condition other than as observed in "Pallet Configurations", customers are advised to contact Selig's Customer Service Department and follow the instructions provided for Return of Goods Authorization.
- 3) The outer wrap of each roll should be removed and a portion retained with label for tracing purposes.
- 4) Rolls/Cartons should remain in original packaging to maintain product tracing integrity and should be resealed or covered with polyethylene bag(s) after use to protect from contamination.
- 5) Avoid sudden temperature changes and thermal shocks (i.e., extremes in hot to cold or cold to hot).
- 6) Keep rolls/cartons away from direct heat sources (e.g., hot pipes, heat exchangers, & etc.) and sunlight.
- 7) Allow rolls to acclimate to processing room conditions for at least 48 hours before handling and processing.
- 8) Optimum ambient conditions are 60 to 86° Fahrenheit (15 - 30° C) and 40 to 60% relative humidity at time of roll/carton processing.
- 9) Do not bend, fold, or crease roll or pre-cut liner product during processing.
- 10) Customers are advised that inventory management systems such as, 'First In, First Out' (FIFO) are prudent practices for food and drug packaging.

Product Storage & Protection

- 1) Two piece products using temporary wax adhesive (e.g., 0.035 WLPM/Safe-Gard™ 75M and 0.020 WLPM/ FoilSeal™ 1-7) and peelable polymer bond (e.g., QUADRASEAL™ and DELTASEAL™) are sensitive to exposure to extremes in temperature.
- 2) Products using paper, board, or pulp backings are sensitive to exposure to extremes in relative humidity.
- 3) Transit and storage at extremes in temperature and relative humidity can result in the product facing separating from the backing (i.e., premature wax adhesive absorption), curling, blocking/sticking, improper function, and excessive dust generation during processing.
- 4) For storage of rolls and cartons of product, it is recommended that ambient storage conditions be 60 - 86°F (15 -30°C) and 40 - 60% relative humidity.
- 5) Roll/Carton products should be kept dry while unloading and immediately placed in an area with the above long term environmental conditions for acclimation.
- 6) Roll/Carton product that has experienced conditions outside of the limits above is "Out of Condition".
- 7) For optimum performance, all Selig products are best if converted and/or used within sixty days from receipt by customer.

Pallet | Specification

Selig specifies wooden pallets manufactured from heat seasoned soft or hard wood tree species exclusively from North America or European sources for its standard packaging. Any subsequent wooden pallet treatment is compliant with International Standards for Phytosanitary Measures (ISPM № 15) heat treated to 56°C to core for thirty minutes. The methyl bromide process of treatment is not allowed in any Selig wood pallet or dunnage nor is the use of the chemical compounds 2, 4, 6 – tribromoanisole (TBA, CAS 607-99-8) or 2, 4, 6 – tribromophenol (TBP, CAS 88-06-2). Selig wood pallets can be marked "HT" according to ISPM № 15 by special specification request.

Product Roll/ Reel/Tape/ Carton Packaging Configuration

Rolls/Cartons should be inspected for condition immediately upon delivery. Consult the following photographs (pages 3-8) of this document for roll and carton label information. If Rolls/Cartons are received in a condition other than as observed, customers are advised to contact Selig's Customer Service Department and follow the instructions provided for Return of Goods Authorization.

Product Roll/Reel/Tape Packaging

Facility: Forrest, IL - USA



Four Set Pallet



Four Set Pallet – Short Stack



Single Set – Stretched Wrap



Single Set – Paper Wrap

Product Pallet Label

Facility: Forrest, IL - USA



Selig Sealing Products, Inc.
342 E. Wabash St.
Forrest IL 61741



Ship To: Company Name 184 Shuman Blvd Naperville, IL USA	Date: 1/23/2015 8:38:05AM PO #: 791497 Job #: 313244 Width: 5.7500 IN CO #: 144295 Part #: 6411121
	PL515487

.020 WLPW FWR / HT4 / FS 3-19

4 Roll(s) @ 550 YD			
Total Rolls 5		Total YD(S) 2,200	Operator: _____

IMPORTANT IMPORTANT IMPORTANT IMPORTANT

Material Handling Instructions To Ensure Optimum Material Performance:

1. Avoid sudden temperature changes
2. Allow materials to adjust to (15°C - 27°C) 60°F - 80°F before using
3. Do not reverse bend
4. Expiration Date can be found on each Strip/Core Label.
5. Recommended storage conditions for lining materials prone to corrosion are:
 - A) Humidity 40%-60%
 - B) Temperature (15°C - 30°C) 60°F - 86°F
 - C) Best if used within 60 days of receipt.

Selig Sealing Products, Inc. can assume no responsibility for the fuctions of these materials in operations not under our direct control. All warranties expressed or implied, including without limitations any implied warranty or merchant ability or fitness for any particular purpose are excluded. Selig's liability on any basis is limited to the price of the product used.

Selig, your exclusive source for FoilSeal™ products.

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6411121	791497
Part #	PO #
144295	2,200
Order #	Qty

Product Roll/Reel/Tape Packaging

Facility: Aurora - Canada



Shrink Wrap w/ Food Article Label



45"x45" Pulp Based

Product Pallet Label

Facility: Aurora - Canada



145 Edward Street
Aurora ON L4G 1W3
Canada
(905) 727-0114



Ship To: Selig UK Limited 635-637 Ajax Avenue Slough Trading Estate Slough SL1 4BH United Kingdom	Date: 1/21/2015 9:11:28PM PO #: 909151 Job #: J000024843 Width: 7.0625 IN CO #: SC00009635 Part #: PF0071020L
	PL045074

ISPP U10 TW

Uni-Gard™

5 Roll(s) @ 509 LY			
Total Rolls 5		Total LY(S) 2,545	Operator: _____

IMPORTANT IMPORTANT IMPORTANT IMPORTANT

Material Handling Instructions To Ensure Optimum Material Performance:

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3. Do not reverse bend
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Selig, your exclusive source for FoilSeal™ products.

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	909151
PF0071020L	PO # 
Part # 	
	2,545
SC00009635	Qty 
Order # 	

Product Roll/Reel/Tape/Carton Packaging

Facilities: Slough - UK



75x75cm Export Pallet (Tape/Roll)

White Pallet Label
Tape/Roll/Reel/Bale



110x110cm Pallet (Tape/Roll)

Facilities: Slough - UK

Pre-Cut Discs/Wads

White Pallet Label









Liner Carton Pallet (Pre-Cut)

Individual Liner
Carton Labels

Product Pallet Labels

Facilities: Slough - UK

		Selig UK Limited 635-637 Ajax Avenue Slough Trading Estate SL1 4BH Slough	
			
Ship To: Selig Test Customer 635 Ajax Avenue Slough Trade Estate Slough SL1 4BH UNITED KINGDOM		Date: 23/02/2017 17:47:24 PO # Test Cust PO Job # JSL0000117 Width: 45.0000 MM CO # CSL0000032-1 Part # Test Customer item Selig # T-IAK-004500-C12	
		<h1>PT000149</h1>	
1.20 IHS 205		Safe-Gard	
#2 Roll(s) 300 LM		Safe-Gard™	
Total Roll(s) 42		Total LM(S) 12,600	
		<i>Operator:</i>	
IMPORTANT IMPORTANT IMPORTANT IMPORTANT			
Material Handling Instructions To Ensure Optimum Material Performance: 1. Avoid sudden temperature changes. 2. Allow materials to adjust to (15°C - 27°C) 60°F - 80°F before using. 3. Do not reverse bend. 4. Expiration Date can be found on each Strip/Core Label. 5. Recommended storage conditions for lining materials prone to corrosion are: A) Humidity 40%-60% B) Temperature (15°C - 30°C) 60°F - 86°F C) Best if used within 60 days of receipt. Selig UK Limited can assume no responsibility for the functions of these materials in operations not under our direct control. All warranties express or implied, including without limitations any implied warranty or merchant ability or fitness for any particular purpose are excluded. Selig's liability on any basis is limited to the price of the product used.			
Selig, your exclusive source for FailSeal™ products.			
PO # Test Cust PO 			
Order # CSL0000032-1 		Qty 12,600 	
Part # Test Customer item 			

Pallet Label (Tape/Roll)

Product Roll/Reel/Tape Packaging**Facility: Niederglatt - Switzerland***75x75cm Export Pallet (Tape/Roll)*

Product Pallet Label

Facility: Niederglatt - Switzerland



Selig Switzerland Ltd

CH-8172 Niederglatt, Bahnhofstrasse 11

Phone +41 44 851 50 50 / Fax +41 44 851 50 51

NWST / VAT 220 188



Ship To Company Inc. Greenock Road Slough Trading Estate Slough Berkshire SL1 4QQ United Kingdom	Date 22/01/2015 10:04:43 PO Num EP 0824-BG Job: BG00000027 Width CO Num SL00000024 Part UG325PY11500-B03 <i>Operator</i>
	PL045085

Yellow Dots	KOEK 12.125.25.15 gold	Uni-Gard™
8 Roll(s) @ 2,000 LM		





Total Rolls 8	Total LM(S)	16,000
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IMPORTANT IMPORTANT IMPORTANT IMPORTANT

Material Handling Instructions To Ensure Optimum Material Performance:

1. Avoid sudden temperature changes
2. Allow materials to adjust to (15°C - 27°C) 60°F - 80°F before using
3. Do not reverse bend
4. Expiration Date can be found on each Strip/Core Label
5. Recommended storage conditions for lining materials prone to corrosion are:
 - A) Humidity 40%-60%
 - B) Temperature (15°C - 30°C) 60°F - 86°F
 - C) Use within 60 days

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Part UG325PY11500-B03 	PO Num EP 0824-BG  Qty 16,000 
Order Num SL00000024 	

Selig Medical Application Policy

Selig will not knowingly sell or sample any product ("Product") into any commercial or developmental application that is intended for:

- (a) permanent (Long term) contact with internal body fluids or internal body tissues. Long term is a use which exceeds 72 continuous hours;
- (b) use in cardiac prosthetic devices regardless of the length of time involved; (Cardiac prosthetic devices include, but are not limited to, pacemaker leads and devices, artificial hearts, heart valves, intra-aortic balloons and control systems, and ventricular bypass assisted devices);
- (c) use as a critical component in medical devices that support or sustain human life; or
- (d) use in applications designed specifically for pregnant women or designed specifically to promote or interfere with human reproduction.

Additionally, all Products intended for use in pharmaceutical applications, other than pharmaceutical packaging, must pass the current Pharmaceutical Liability Guidelines.

- For the products sold by the Selig, new business opportunities require a business assessment prior to sale or sampling of Selig products.
- Authorized distributors and resellers will adhere to this medical policy.
- Selig does not endorse or claim suitability of their products for specific medical applications. It is the responsibility of the medical device or pharmaceutical manufacturer to determine that the Selig product is safe, lawful, and technically suitable for the intended use. SELIG MAKES NO WARRANTIES, EXPRESS OR IMPLIED, CONCERNING THE SUITABILITY OF ANY SELIG PRODUCT FOR USE IN MEDICAL APPLICATIONS.

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NOTICE: If products are described as "experimental" or "developmental": (1) product specifications may not be fully determined; (2) analysis of caution in handling and use are required; and (3) there is greater potential for Selig to change specifications and/or discontinue production.