



# FoilSeal™ Technical Data Sheet

## .020" PS Foam FS 5-4

Revision: FS54-05062020

<b>Product</b>	.020" PS Foam FS 5-4																	
<b>Scope</b>	One piece foam backed heat induction foil innerseal which combines ease of removal with tamper-evident properties. It is suggested for sealing to PE, PP, PET, PVC, PS and properly treated glass containers. This material will vent gas through the paper layer and is suggested for use on dry products only.																	
<b>Composition</b>	<table border="1"> <thead> <tr> <th>Material</th> <th>Standard</th> <th>Metric</th> </tr> </thead> <tbody> <tr> <td>Backing</td> <td>.020"</td> <td>.508 mm</td> </tr> <tr> <td>Foil</td> <td>.001"</td> <td>.0254 mm</td> </tr> <tr> <td>Paper</td> <td>.002"</td> <td>.0508 mm</td> </tr> <tr> <td>Heat Seal</td> <td>.0015"</td> <td>.0381 mm</td> </tr> </tbody> </table>	Material	Standard	Metric	Backing	.020"	.508 mm	Foil	.001"	.0254 mm	Paper	.002"	.0508 mm	Heat Seal	.0015"	.0381 mm	<p style="text-align: right;">Adhesive or resin bonding layers not shown.</p>	
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<b>FDA Status:</b>	21 CFR 177.1210, Food Types per Table 3: I, II, III, & VIII (Dry products) and Conditions of Use per Table 4: E, F, & G		<b>Recommended Storage and Handling:</b> Refer to Website.															
<b>Drug Master File (DMF):</b>	Type III DMF #4544	<b>EU / EP Reg.:</b>	Compliant with Reg. EC/10/2011, Reg. EC/1935/2004 and Reg. EC/2023/2006, as amended, for use with dry, non-fatty, and non-alcoholic food products only. If used incorrectly, the liner may have an effect on the organoleptic properties of the product under EC/1935/2004 Article 3 and EC/2023/2006 Article 3a															
<b>GTR Oxygen:</b>	77.0 cc Oxygen/100 IN2 * 24hrs. @ 100° F, ASTM F-2622-08	<b>MVTR:</b>	0.371 gm water/100IN2 * 24 hrs. @ 75° F, ASTM F-1249															
<b>Sealing to glass containers:</b> Selig can not guarantee the performance or seal integrity of this materials when applied to any glass (treated or untreated) container. We suggest you contact your glass supplier for recommendations on glass treatments that may or may not improve performance or seal integrity.																		
<b>Print Location (if any):</b> 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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