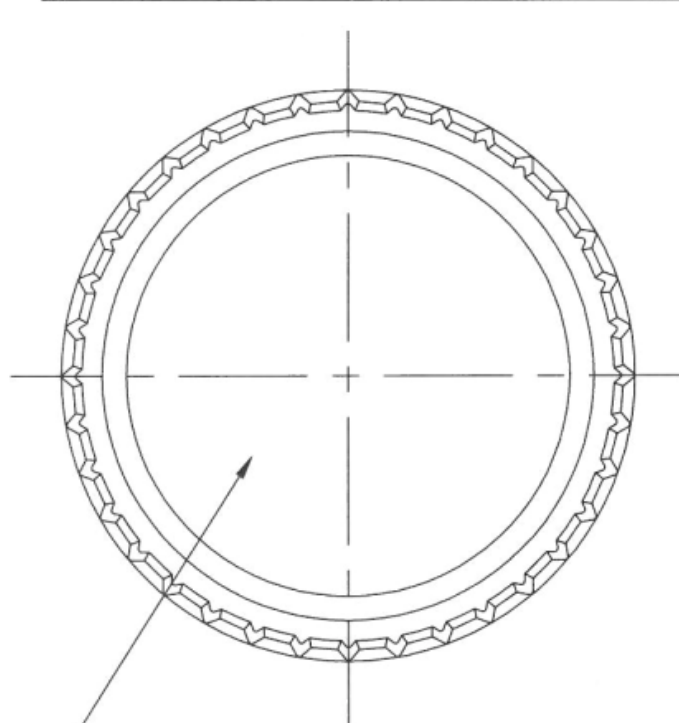
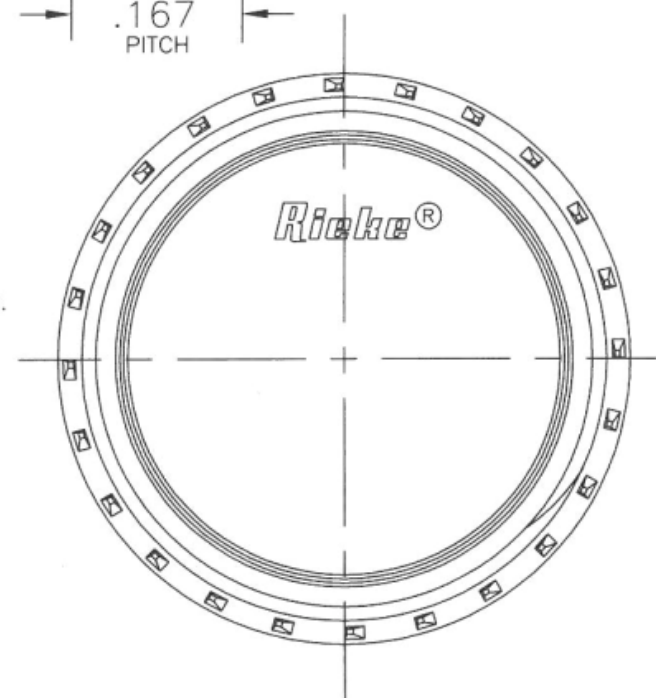
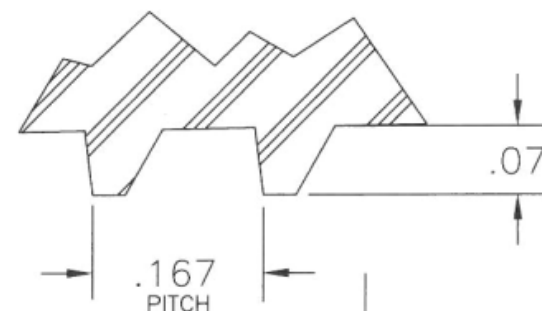
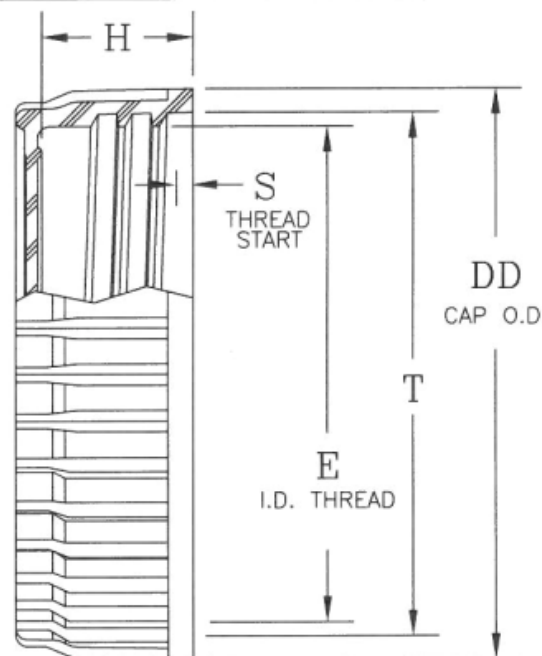


NOTE: THE CAP IS SHOWN WITHOUT A LINER

| LINER # | LINER DESCRIPTION |
|---------|---|
| 502 | F217 FOAM |
| 565 | 1 MIL HEAT SEAL |
| 655 | PS113 PRESSURE SENSITIVE W/FOAM BACKING |



® OPTION: PRINTING OR EMBOSSING
TO CUSTOMER REQUIREMENTS



| ITEM | DD | E | H | S | T |
|-------|-----------------------|-----------------------|-----------------|-----------------|-----------------------|
| SPEC. | $\phi 2.757 \pm .012$ | $\phi 2.389 \pm .011$ | $.725 \pm .008$ | $.070 \pm .015$ | $\phi 2.541 \pm .013$ |

NOTE:
THE MATERIALS USED MEETS FDA
REQUIREMENTS DEPENDING ON COLOR

DISCLAIMER

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DISTRIBUTED BY:



REF NO.:

DWG 31528

DESCRIPTION:

63-485 White PP Plastic Cap, Ribbed Sides, Oleophobic Vent Foil Liner

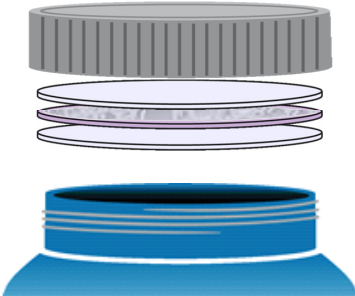
PRODUCT DATA SHEET

F-828 WC™

- F-828 WC™ is a three-ply co-extruded liner consisting of a foamed polyolefin core with solid polypropylene copolymer layers on both sides.
- This liner provides good heat resistance when exposed to elevated temperatures.
- F-828 WC™ is recommended for certain hot fill food applications, and it performs well in conjunction with induction heat seal products.
- Does not promote microbial growth.

Typical Product Attributes

Construction

| | | | |
|--|--|--|--|
| <p>Solid PP Foamed Polyolefin Solid PP</p> |  | <p>SI (µm)</p> <p>Total Thickness 508 – 3175</p> | <p>US (Mils)</p> <p>Total Thickness 20 – 125</p> |
|--|--|--|--|

Properties

| | | | |
|--|--|--|---|
| <p>Color Density 508 – 762 µm 20 – 30 mil 889 – 3175 µm 35 – 125 mil Thickness Tolerance 508 – 1524 µm 20 – 60 mil 1650 – 2290 µm 65 – 90 mil 2410 – 3180 µm 95 – 125 mil Available Widths 508 – 1520 µm 20 – 60 mil 1650 – 3180 µm 65 – 125 mil Width Tolerance</p> | | <p>White or as specified</p> <p>610 ± 30 kg/m³ 510 ± 30 kg/m³</p> <p>± 127 µm ± 178 µm ± 254 µm</p> <p>25 – 1016 mm 25 – 229 mm ± 1,6 mm</p> | <p>White or as specified</p> <p>38 ± 2 lb./ft³ 32 ± 2 lb./ft³</p> <p>± 5 mil ± 7 mil ± 10 mil</p> <p>1 – 40 in 1 – 9 in ± 0.0625 in</p> |
|--|--|--|---|

Regulatory Compliance

| | |
|---|---|
| <p>FDA Compliance</p> <p>Drug Master File (DMF)</p> <p>Other Compliances</p> <p>Safety Data Sheet (SDS) Statement</p> | <p>21 CFR 178.3297 Colorants for Polymers 21 CFR 177.1520 Olefin polymers 21 CFR 177.1210 Closures with sealing gaskets for food containers 002434 USFDA Food Allergen Guidelines California Proposition 65 Labeling Requirements Limitations of Heavy Metals in Packaging per CONEG & EU 94/62/EC, Article 11 Meets the compositional requirements of Regulation (EU) 10/2011 on plastic materials and articles intended to come into contact with food 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.</p> |
|---|---|

Please note that construction does not reflect adhesive or resin bonding layers, if present.

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REF NO.:

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DESCRIPTION:

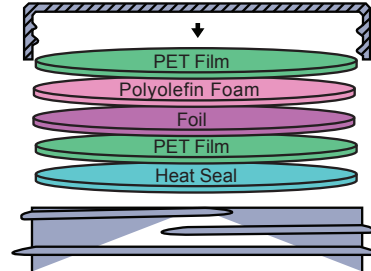
63-485 White PP Plastic Cap, Ribbed Sides, Oleophobic Vent Foil Liner

Uni-Gard™

Technical Data Sheet

ISPE/PP U10

Revision: ISPE/PP U10-07252013

| Product | ISPE/PP U10 | | | | | | | | | | | | | | | | | | | | |
|---|---|--|----------|--------|----------|---------|---------|-----------------|--------|---------|------|--------|---------|----------|---------|---------|-----------|---------|---------|---|--|
| Scope | One piece foam backed heat induction foil innerseal that will provide a peelable seal to PE and PP containers. | | | | | | | | | | | | | | | | | | | | |
| Composition | <table><thead><tr><th>Material</th><th>Standard</th><th>Metric</th></tr></thead><tbody><tr><td>PET Film</td><td>0.0005"</td><td>0.013mm</td></tr><tr><td>Polyolefin Foam</td><td>0.009"</td><td>0.229mm</td></tr><tr><td>Foil</td><td>0.001"</td><td>0.025mm</td></tr><tr><td>PET Film</td><td>0.0005"</td><td>0.013mm</td></tr><tr><td>Heat Seal</td><td>0.0015"</td><td>0.038mm</td></tr></tbody></table> | Material | Standard | Metric | PET Film | 0.0005" | 0.013mm | Polyolefin Foam | 0.009" | 0.229mm | Foil | 0.001" | 0.025mm | PET Film | 0.0005" | 0.013mm | Heat Seal | 0.0015" | 0.038mm |  | |
| | Material | Standard | Metric | | | | | | | | | | | | | | | | | | |
| PET Film | 0.0005" | 0.013mm | | | | | | | | | | | | | | | | | | | |
| Polyolefin Foam | 0.009" | 0.229mm | | | | | | | | | | | | | | | | | | | |
| Foil | 0.001" | 0.025mm | | | | | | | | | | | | | | | | | | | |
| PET Film | 0.0005" | 0.013mm | | | | | | | | | | | | | | | | | | | |
| Heat Seal | 0.0015" | 0.038mm | | | | | | | | | | | | | | | | | | | |
| Composition does not include adhesive or resin bonding layers (if any). | | | | | | | | | | | | | | | | | | | | | |
| FDA Status: 21 CFR 177.1210 | | Recommended Storage and Handling: Refer to website | | | | | | | | | | | | | | | | | | | |
| Drug Master File (DMF): 11485 | | EU / EP Reg.: | | | | | | | | | | | | | | | | | | | |
| GTR Oxygen: Essentially zero | | MVTR: Essentially zero | | | | | | | | | | | | | | | | | | | |
| Print Location (if any): Top layer of PET film | | | | | | | | | | | | | | | | | | | | | |

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.

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