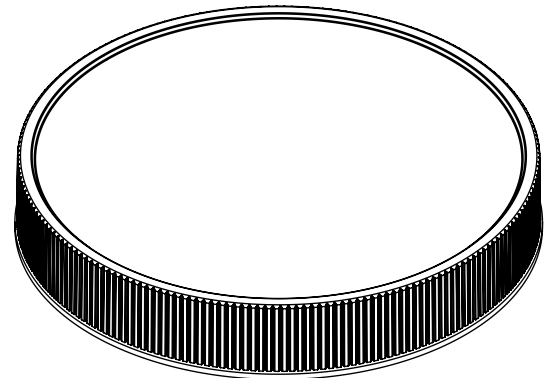


SECTION A-A



STATIC TORQUE RECOMMENDATION: 40-70 in-lbs
 REQUIREMENT MAY VARY DEPENDING UPON CONTAINER MATERIAL,
 NECK FINISH, AND CAPPING EQUIPMENT

REFERENCE	DIMENSION	TOLERANCE	UNITS
T	3.528 [89.61]	±0.010 [0.25]	in [mm]
E	3.405 [86.49]	±0.010 [0.25]	in [mm]
H	0.502 [12.75]	±0.010 [0.25]	in [mm]
OAH	0.608 [15.44]	±0.010 [0.25]	in [mm]
OD	3.644 [92.56]	±0.012 [0.30]	in [mm]
PART WEIGHT	13.3	± 2.5	g
THREAD DETAIL INFORMATION:	5 THREADS PER INCH	0.200" [5.08] PITCH	380° FULL DEPTH THREADS

DISCLAIMER

THIS INFORMATION IS PROVIDED AS A GENERAL GUIDE, INCLUDING DIMENSIONS. IT IS THE CUSTOMER'S RESPONSIBILITY TO SELECT THE PROPER CONTAINER FOR PRODUCT AND APPLICATION COMPATIBILITY.

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REF NO.:

DWG31930

DESCRIPTION:

89-400 PP Matte Top, Ribbes Sides Cap with F217 and HS035 Foam Liner

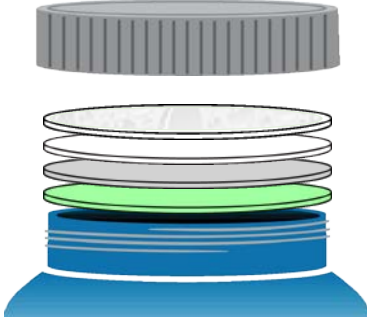
PRODUCT DATA SHEET

HS 035 HEAT SEAL/20F

- Designed as a one-piece, polystyrene backed, induction heat seal with an ethylene vinyl acetate based sealant layer that gives a tamper evident bond to Polyethylene (PE), Polypropylene (PP), Polyester (PET), Polystyrene (PS), Vinyl (PVC) and glass containers.
- Available with standard or custom print.

Typical Product Attributes

Construction

		SI (µm)	US (Mils)
Polystyrene Foam		508,0	20.0
Paper		71,1	2.8
Aluminum Foil		8,9	0.35
Heat Seal		63,5	2.25
Minimum Width		25,4 mm	1.0 inch
Width Tolerance		± 1,6 mm	± 1/16

Properties

Water Vapor Transmission (WVTR)	Essentially Zero
Gas (O ₂) (GTR)	Essentially Zero

Regulatory Compliance

FDA Compliance	21 CFR 177.1640 Polystyrene and rubber-modified polystyrene. 21 CFR 177.1350 Ethylene-vinyl acetate copolymers. 21 CFR 177.1210 Closures with sealing gaskets for food containers 21 CFR 176.180 Components of paper and paperboard in contact with dry foods. 21 CFR 176.170 Components of paper and paperboard in contact with aqueous and fatty foods.
Drug Master File (DMF)	2518
Other Compliances	USFDA Food Allergen Guidelines; California Proposition 65 Labeling Requirements; Limitations of Heavy Metals in Packaging per CONEG & EU 94/62/EC, Article 11

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DESCRIPTION:
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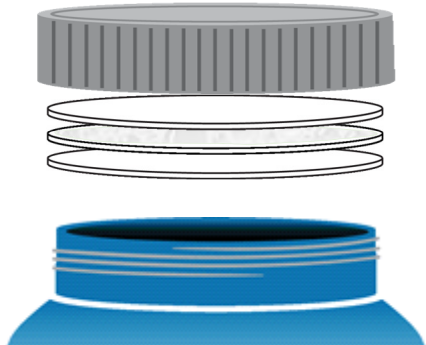
PRODUCT DATA SHEET

F-217®

- F-217® is a coextruded primary liner consisting of a foamed Low-Density Polyethylene (LDPE) core with solid Low-Density Polyethylene (LDPE) layers on both sides.
- Does not promote microbial growth.

Typical Product Attributes

Construction

Solid LDPE Foamed LDPE Solid LDPE		SI (µm) Total Thickness 508 – 3175	US (mils) Total Thickness 20 - 125
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Properties

Color Opacity 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		White or as specified Opaque 480 ± 30 kg/m ³ 400 ± 30 kg/m ³ ± 127 µm ± 178 µm ± 254 µm 25 – 1016 mm 25 – 228 mm ± 1,6 mm	White or as specified Opaque 30 ± 2 lb./ft ³ 25 ± 2 lb./ft ³ ± 5 mil ± 7 mil ± 10 mil 1 – 40 in 1 – 9 in ± 0.0625 in
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Regulatory Compliance

FDA Compliance Drug Master File (DMF) Other Compliances Safety Data Sheet (SDS) Statement	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.
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