

**PRODUCT GUIDE**  
**COEXTRUDED FOAM PRIMARY LINER**

LOW-DENSITY POLYETHYLENE FOAM LINERS																			
PRODUCT NAME	PDS DESCRIPTION		DENSITY		SUGGESTED APPLICATIONS <sup>1</sup>													SPECIAL ATTRIBUTES	
					FOOD-DRY	FOOD - WET	FOOD - OIL	BEVERAGE	PHARMA-DRY	PHARMA-WET	COSMETICS	CHEM-AUTO	CHEM-DRY	CHEM-MILD	CHEM-AGGRESSIVE	HOT FILL	RETORT		
					SKINS	FOAM CORE	mils	lb./ft <sup>3</sup>											
F-217	LDPE	LDPE	20-30 35-125	30 25	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	✗	✗	INDUSTRY STANDARD, SYNTHETIC LINER
F-217-3	LDPE	LDPE	20-125	30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	✗	✗	30 lb./ft <sup>3</sup> DENSITY
F-217-36	LDPE	LDPE	20-125	36	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	✗	✗	36 lb./ft <sup>3</sup> DENSITY
F-217 EMBOSSED	LDPE	LDPE	20-30 35-125	30 25	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	✗	✗	EMBOSSED SURFACE FOR PRESSURE EQUILIZATION
F-217-3 GROOVED	LDPE	LDPE	40 50 60 80	30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	✗	✗	30 lb./ft <sup>3</sup> Density, GROOVED SURFACE FOR PRESSURE EQUILIZATION
F-217 WC	LDPE	WHITE LDPE	20-34 35-125	30 25	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	✗	✗	WHITE PIGMENTED FOAM CORE
F-217 WCWS	WHITE LDPE	WHITE LDPE	20-34 35-125	30 25	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	✗	✗	WHITE PIGMENTED FOAM CORE & SKINS
F-217 WCHD	LDPE-HDPE	WHITE LDPE	20-30 35-125	30 25	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	✗	✗	INCREASED STIFFNESS OVER F-217
F-217 WCS	LDPE-HDPE	WHITE LDPE	20-30 35-125	30 25	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	✗	✗	INCREASED STIFFNESS OVER F-217
F-219	LDPE	LDPE	20-30 35-45 50-125	25 22 20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	✗	✗	LOWER FOAM DENSITY THAN F-217
F-219 GROOVED	LDPE	LDPE	80	22	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	✗	✗	GROOVED SURFACE FOR PRESSURE EQUILIZATION
F-222	LDPE	LDPE	20-30 35-125	36 32	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	✗	✗	F-222 HAS THINNER SOLID LAYERS THAN F-217 OR F-219
F-224	LDPE	LDPE	35-120	20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	✗	✗	LOWER DENSITY, HIGHER COMPRESSIBILITY
F-226	EVA	LDPE	20-125	25	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	✗	✗	

**KEY:** ✓ - Recommended, ✗ - Not Recommended, P – Possibly Suitable, Testing Required

<sup>1</sup>THE CUSTOMER IS RESPONSIBLE FOR DETERMINING THE FITNESS OF A PARTICULAR LINER OR SEAL FOR THEIR SPECIFIC APPLICATION.

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BLENDED HIGH-DENSITY & LOW DENSITY FOAM LINERS																		
PRODUCT NAME	PDS DESCRIPTION		DENSITY		SUGGESTED APPLICATIONS <sup>1</sup>													SPECIAL ATTRIBUTES
					FOOD-DRY	FOOD - WET	FOOD - OIL	BEVERAGE	PHARMA-DRY	PHARMA-WET	COSMETICS	CHEM-AUTO	CHEM-DRY	CHEM-MILD	CHEM-AGGRESSIVE	HOT FILL	RETORT	
					SKINS	FOAM CORE	mils	lb./ft <sup>3</sup>										
F-419	HDPE-LDPE	LDPE	20-30 35-45 50-125	25 22 20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	✗	✗	INCREASED STIFFNESS OVER F-219
F-419 M	HDPE-LDPE	LDPE	35-125	20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	✗	✗	LOWER DENSITY THAN F-419
F-422	HDPE-LDPE	LDPE	20-30 35-125	36 32	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	✗	✗	IMPROVED CHEMICAL RESISTANCE OVER LDPE FOAM LINER

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**COEXTRUDED FOAM PRIMARY LINER**

POLYPROPYLENE FOAM LINERS																		
PRODUCT NAME	PDS DESCRIPTION		DENSITY		SUGGESTED APPLICATIONS <sup>1</sup>													SPECIAL ATTRIBUTES
					FOOD-DRY	FOOD - WET	FOOD - OIL	BEVERAGE	PHARMA-DRY	PHARMA-WET	COSMETICS	CHEM-AUTO	CHEM-DRY	CHEM-MILD	CHEM-AGGRESSIVE	HOT FILL	RETORT	
					SKINS	FOAM CORE	mils	lb./ft <sup>3</sup>										
F-828	PP	PO	20-30 35-125	38 32	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	✓	✗	GOOD FOR CERTAIN HOT FILL & INDUCTION HEAT SEAL APPLICATIONS
F-828 GROOVED	PP	PO	20-30 35-125	38 32	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	✓	✗	GROOVED SURFACE FOR PRESSURE EQUILIZATION
F-830	PP	PO	35-125	26	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	✓	✗	LOWER DENSITY THAN F-828, GOOD FOR CERTAIN HOT FILL & INDUCTION HEAT SEAL APPLICATIONS
F-8268 (REMOVE?)	PP	PP/EVA	20-30 35-125	38 36	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	✓	✗	GOOD FOR CERTAIN HOT FILL APPLICATIONS

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