



In partnership with



Fitment Portfolio – Bag in Box
Made and Designed in United Kingdom

- **Dedicated production site in the UK.**
- **30+ years experience within the liquid packaging industry.**
- **Circa 50 million liner capacity**
- **BRCGS (AA) accreditation**
- **Sedex member**
- **Eco Vadis member**
- **Fitment Injection moulding capabilities**
- **Energy, we use is 100% renewable energy**
- **The compressed air supply for our factory is class 1:2:1 - suitable for direct food contact, tested according to ISO8573:1 standards.**





Bag-in-Box (BIB) is a packaging type used to store and dispense liquids. It consists of two main components:

1.The Bag – A flexible, multi-layer plastic bag that holds the liquid. It collapses as the liquid is dispensed, minimizing air contact and preserving the contents.

2.The Box or Tray – Generally a cardboard outer box is used to provide structure, protection, and branding space. In some applications, plastic trays are used to transport and store the filled bag.

Key Features:

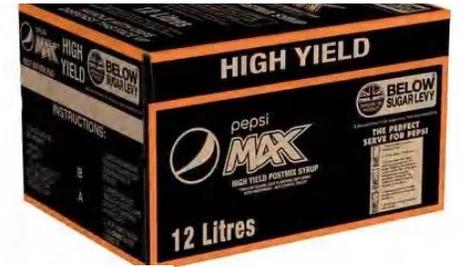
- Dispensing Tap or Valve:** Built into the bag for easy pouring or connecting to a dispensing system.
- Airtight System:** Helps extend shelf life, especially for products like wine or juice.
- Eco-Friendly:** Uses less plastic than rigid containers and is easier to transport and recycle.





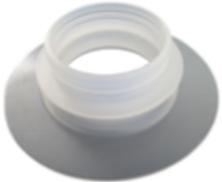
Markets and Industries served:

- Dairy
- Liquid Egg
- Food Ingredients
 - Sauces
 - Condiments
 - Flavouring/Colouring
- Beverage
 - Wine
 - Beer
 - Cider
- Postmix
 - Syrups for soft drinks
- Industrial
 - Cleaning chemicals
 - Sanitizing solutions





FITMENT INFORMATION AND APPLICATION GUIDE

	Description	Technical Information		Process Applications	
		<i>Complies with EU10/2011& FDA food contact regulations.</i>			
	Dairy Spout (Natural)	Material	LLDPE	Ambient	✓
		Weight	5.07g	Hot Fill	
		Operating Temp	-18 to 85 deg° C	Aseptic	
				Chilled	✓
				ESL	
	Dairy Cap (Clear) Used in combination with Dairy Spout	Material	LLDPE	Ambient	✓
		Weight	2.2g	Hot Fill	
		Operating Temp	-18 to 85 deg° C	Aseptic	
				Chilled	✓
				ESL	
	B2S ASSEMBLY High Spout and Cap Assembled	Material (Cap)	100% LDPE	Ambient	✓
		Material (Spout)	15% HDPE/85% LDPE	Hot Fill	✓
		Weight	19g	Aseptic	
		Operating Temp	-18 to 85 deg° C	Chilled	✓
				ESL	✓
	B2SBLC Assembly High Spout and Cap (Blue) Assembled	Material (Cap)	100% LDPE	Ambient	✓
		Material (Spout)	15% HDPE/85% LDPE	Hot Fill	✓
		Weight	19g	Aseptic	
		Operating Temp	-18 to 85 deg° C	Chilled	✓
				ESL	✓

Products – Markets

- Dairy
- Condiments/Sauces
- Liquid Egg
- Food Ingredients



FITMENT INFORMATION AND APPLICATION GUIDE

	Description	Technical Information		Process Applications	
		<i>Complies with EU10/2011& FDA food contact regulations.</i>			
	Low Spout (Natural)	Material	LLDPE	Ambient	✓
		Weight	6.5g	Hot Fill	
		Operating Temp	-18 to 90 deg° C	Aseptic	
				Chilled	✓
				ESL	
	Snap Cap (Blue) Available White, Natural	Material	LLDPE/LDPE	Ambient	✓
		Weight	2.8g	Hot Fill	
		Operating Temp	-18 to 90 deg° C	Aseptic	
				Chilled	✓
				ESL	
	High Spout (Natural) High Spout and Cap Assembled	Material	LLDPE	Ambient	✓
		Weight	9.5g	Hot Fill	✓
		Operating Temp	-18 to 90 deg° C	Aseptic	
				Chilled	✓
				ESL	✓
	Mounting Position Cap Blue (2 stage) Available Natural, Yellow	Material (Spout)	LLDPE/LDPE	Ambient	✓
		Weight	3.1g	Hot Fill	✓
		Operating Temp	-18 to 90 deg° C	Aseptic	
				Chilled	✓
				ESL	✓

Products – Markets

- Dairy
- Condiments/Sauces
- Liquid Egg
- Food Ingredients



FITMENT INFORMATION AND APPLICATION GUIDE

Image	Description	Technical Information		Process Applications	
		<i>Complies with EU10/2011& FDA food contact regulations.</i>			
	Low Spout HR (Heat resistant)	Material	LLDPE/LDPE	Ambient	
		Weight	6.7g	Hot Fill	✓
		Operating Temp	Max 113 deg° C	Aseptic	✓
				Chilled	
				ESL	
	High Spout HR (Heat resistant)	Material	LLDPE/LDPE	Ambient	
		Weight	9.5g	Hot Fill	✓
		Operating Temp	Max 118 deg° C	Aseptic	✓
				Chilled	
				ESL	
	Cap Blue HR (Heat resistant)	Material	LLDPE/LDPE	Ambient	
		Weight	3g	Hot Fill	✓
		Operating Temp	Max 113 deg° C	Aseptic	✓
				Chilled	
				ESL	✓
	Low Spout and Plug (HR)	Material (Plug)	PA/LDPE	Ambient	
		Material (Spout)	LLDPE/LDPE	Hot Fill	
		Weight	7.3g	Aseptic	✓
		Operating Temp	Max 130 deg° C	Chilled	
				ESL	

Products – Markets

- Dairy
- Condiments/Sauces
- Processed Fruit
- Juice



FITMENT INFORMATION AND APPLICATION GUIDE

Image	Description	Technical Information		Process Applications	
		<i>Complies with EU10/2011& FDA food contact regulations.</i>			
	38mm Tamper Evident Assembly (TE) Ring pull TE function	Material	LLDPE/PE	Ambient	✓
		Weight	7.3g	Hot Fill	
		Operating Temp	Max 90 deg° C	Aseptic	✓
				Chilled	✓
				ESL	✓
	38mm Tamper Evident Assembly (HR) Heat Resistant	Material	LLDPE/LDPE	Ambient	
		Weight	8g	Hot Fill	✓
		Operating Temp	Max 113 deg° C	Aseptic	✓
				Chilled	
				ESL	
	Pouring Cap/YPC	Material	LLDPE/LDPE	Ambient	✓
		Weight	3g	Hot Fill	✓
		Operating Temp	Max 113 deg° C	Aseptic	✓
				Chilled	✓
				ESL	✓
	FH-Assembly Plug and Hose (Folded)	Material	PE/TPE	Ambient	
		Weight	23.1g	Hot Fill	
		Operating Temp	Max 85 deg° C	Aseptic	
				Chilled	✓
				ESL	✓

Products – Markets
<ul style="list-style-type: none"> • Dairy • Condiments/Sauces • Processed Fruit • Juice • Liquid Egg

FITMENT INFORMATION AND APPLICATION GUIDE

Image	Description	Technical Information		Process Applications	
		Complies with EU10/2011& FDA food contact regulations.			
	Plug and Hose (vertical)	Material	LLDPE/TPE	Ambient	
Weight		16.9g	Hot Fill		
Operating Temp		Max 85 deg° C	Aseptic		
	CMB Connector and Spout (Assembly)	Material (Connector)	PE/PA/POM/NBR70/STAINLESS STEEL	Chilled	✓
		Material (Spout)	LLDPE	ESL	✓
		Weight	15g	Ambient	
		Operating Temp	Max 25 deg° C	Hot Fill	
	900/1900 Assembly Connector and 900 Spout	Material (Cap)	HDPE	Aseptic	
		Material (Spout)	LLDPE	Chilled	
		Material (Diaphragm)	TPE	ESL	✓
		Weight		Ambient	
		Operating Temp	Max 45 deg° C	Hot Fill	
	Q51 "Quick Connector"	Material (Cap)	LLDPE	Ambient	✓
		Material (Spout)	LLDPE/ULDPE	Hot Fill	
		Material (Slider)	LDPE	Aseptic	
		Weight	19g	Chilled	
		Operating Temp	Max 22 deg° C	ESL	

Products – Markets

- Dairy
- Juice
- Beverage
- Postmix



FITMENT INFORMATION AND APPLICATION GUIDE

	Description	Technical Information		Process Applications	
	PCSS ASSEMBLY Spout, Cap and Slider assembled (Development of Plastic Spring in process)	<i>Complies with EU10/2011& FDA food contact regulations.</i>		Ambient	✓
Material		LLDPE - SS Spring	Hot Fill		
Weight	10.8g	Aseptic			
Operating Temp	Max 40 deg° C	Chilled			
		ESL			
	STD V-PULL TAP (NAT / RED) combination with C-TAPGLAND	Material (Body/Cap)	PP	Ambient	✓
		Material (Wing)	HDPE	Hot Fill	
		Material (Diaphragm)	Elastomer	Aseptic	
		Weight	11.1g	Chilled	
		Operating Temp	Max 45 deg° C	ESL	
	C-TAPGLAND V-PULL NATURAL SPOUT	Material	LDPE	Ambient	✓
		Weight	5.4g	Hot Fill	
		Operating Temp	Max 45 deg° C	Aseptic	
				Chilled	
				ESL	
	STD V-PULL TAP (NAT / BLUE) combination with C-TAPGLAND	Material (Body/Cap)	PP	Ambient	✓
		Material (Wing)	HDPE	Hot Fill	
		Material (Diaphragm)	Elastomer	Aseptic	
		Weight	11.1g	Chilled	
		Operating Temp	Max 45 deg° C	ESL	

Products – Markets

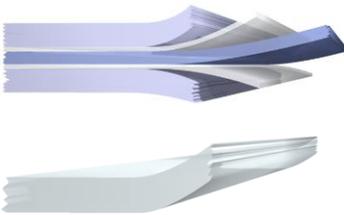
- Wine
- Water
- Juice
- Beverage
- Postmix



	Description	Process Applications	
	<p>0505083-00C PCSS LINE SIDE CONNECTOR</p>	<p>Ambient Hot Fill Aseptic Chilled ESL</p>	<p>✓</p>
	<p>LQ-043 1910L-EU Connector</p>	<p>Ambient Hot Fill Aseptic Chilled ESL</p>	<p>✓</p>

- Compatible with PCSS Assembly
- Compatible with CA-900/1900 WHT

The information listed is supplied in good faith and does not comprise a specification or warranty of any kind, either expressed or implied, including those of merchantability and fitness for purpose. Customers should determine the suitability of materials for their specific use based upon their own internal criteria. Tests on individual samples may vary from those shown.

	<u>Film Structure</u>	<u>Information</u>	<u>Technical Detail</u>
	<p style="text-align: center;">2 Ply PE/PE</p> <ul style="list-style-type: none"> • 2 ply 58mμ is standard structure • Blue tint film can be used for both layers if required 	<ul style="list-style-type: none"> • 58mμ LLDPE per layer • Film colour also available with Blue tint • No barrier properties 	<p style="text-align: center;">Operating Temp -18° to 85° Celsius</p>
	<p style="text-align: center;">2 Ply EVOH/PE</p> <ul style="list-style-type: none"> • 2 ply is standard structure • Blue tint film can be used for inner ply if required • 45mμ inner poly is used in barrier structure liners 	<ul style="list-style-type: none"> • 70mμ Co-extruded EVOH Barrier Film • 5mμ EVOH layer • OTR (23°C – 0% R.H.) <2 cc/m².day • WVTR (38°C – 90% R.H.) <4 gr/m².day • Lower mμ film thickness is available with a lower value EVOH layer. • Often used in ESL applications. 	<p style="text-align: center;">Operating Temp -18° to 85° Celsius</p>
	<p style="text-align: center;">2 Ply Met/Pet/PE</p> <ul style="list-style-type: none"> • 2 ply is standard structure • Blue tint film can be used for inner ply if required • 45mμ inner poly is used in barrier structure liners 	<ul style="list-style-type: none"> • 95 mμ Tri Laminate Met/Pet Barrier Film • 38/12/45 nominal value • OTR (23°C – 50% R.H.) <1 cc/m².day • WVTR (38°C – 90% R.H.) <1 gr/m².day • Often used in Aseptic and ESL applications. 	<p style="text-align: center;">Operating Temp -18° to 85° Celsius</p>



Introducing Proven Packaging Solutions to Kenyan Food and beverage Industries

- Akeenah Group is introducing Peak's Bag-in-Box solutions to Kenya's food and beverage industry — proven packaging technologies that enhance efficiency, preserve product quality, and reduce handling costs.
- Leveraging Peak's global expertise and Akeenah's local supply capabilities, we ensure reliable, on-spec, and on-time delivery across Kenya.

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