PRODUCT SPECIFICATION
PRDT-1030473-67
750x500 DWS GS69 18mu Light Blue Tint
VALID FROM 14.07.11

PRODUCT DETAIL AND ORDERING INFORMATION

NUMBER/NAME/DESCRIPTION:

Item Number - PRDT-1030473-67
Item Name - 750x500 DWS GS69 18mu Light Blue Tint
Item Description - Double wound polythene sheets 750mmx500mm in GS69 blend film. Film thickness 18μm

SUPPLIER DETAILS:

Address - Hanmere Polythene Ltd
Blackhorse Road
Letchworth Garden City
Hertfordshire
United Kingdom
SG6 1HD

Switchboard - +44 (0) 1462 482222
Sales - +44 (0) 1462 474777
Facsimile - +44 (0) 1462 481096
E-mail - sales@hanmere.co.uk
Website - http://www.hanmere.co.uk

GMP ACCREDITATIONS

BS EN ISO 9001:2008 Quality Management Systems - Requirements.
Scope - The Extrusion printing and conversion of polythene film.
Accrediting Body - National Quality Assurance Ltd, Certificate No. 1687

BRC Global Standard For Packaging & Packaging Materials (Issue 4: 2011)
Scope - Extrusion, printing and conversion of polythene film for the food and other industries.
Category - High Hygiene Risk: Packaging that comes into direct contact with food products.
Accrediting Body - Royal Society for Public Health. BRC Site No. 7995829

ORDERING INFORMATION:

Lead Times - Standard lead times are 3 weeks from receipt of order for unprinted material, 4 weeks from receipt of order for printed material.
Special lead times by contractual arrangement.

Orderable Part Codes

Hanmere Part Code	Your Part Code
PRDT-1030473-67	B2612

MATERIAL SAFETY DATA

MATERIAL SAFETY DATA SHEET:

Refer to the Hanmere Polythene Ltd document:
HAN501-1 - Safety Data Sheet: GS69, Tri-Ex, Hankraft, Hanfoam

OVERALL MIGRATION DATA:

Analysis of Overall Migration from Packaging Materials - Results (mg/dm.sq) after 10 days @ 40ºC. Limit 10mg/dm.sq

Material	Food Simulant A Ethanol 10% (v/v)	Food Simulant B Acetic Acid 3% (w/v)	Food Simulant D2 Sunflower Oil	Food Simulant E Tenax
GS69 45μm	1.2	7.6	<0.1	0.4
Tri-Ex 150μm	0.9	0.4	1.5	0.4
Hankraft 162.5μm	1.1	2.2	0.8	0.4

Testing House - Campden Food and Drink Research Association and Specialist Technology Resources (UK) Ltd
Reference - AC/REP/123240/69, AC/REP/123240/70, AC/REP/123240/71, S1105397/AT/AM1

HEAVY METAL CONTENT:

<100ppm of lead, cadmium, mercury and hexavalent chromium

Based on information supplied by raw material manufacturers and suppliers. All products manufactured from virgin food grade stock containing zero recyclate

PHTHALETE, MOSH, MOAH CONTENT:

Phthalete Content - None MOSH, MOAH Content - None, unless stated otherwise on page 9

Based on information supplied by raw material manufacturers and suppliers. All products manufactured from virgin food grade stock containing zero recyclate

GENETICALLY MODIFIED, BSE/TSE AND ALLERGEN CONTENT:

GM Content - None. BSE/TSE Content - None.
Allergen Content - No Allergens as defined in 2000/13/EC Annex IIIa (As Amended) are present.

Based on information supplied by raw material manufacturers and suppliers. All products manufactured from virgin food grade stock containing zero recyclate. No processing products containing identified items used.

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PRIMARY AND SECONDARY PACKAGING

TYPE/DESCRIPTION:

Roll - Film wound on 78mm OD spiral wound cardboard cores, over wrapped with polythene film

LABEL DETAILS:

102mm x 105mm white labels, printed with the customer name, item number, product description, pack quantity, batch code (LOT number), year and month of manufacture, foodgrade status, recommended recycling method, sequential pack number within the production batch, production operator code and storage and handling instructions.

PACKAGING MATERIAL AND WEIGHTS

ITEM	PRIMARY PACK MATERIAL	WEIGHT	SECONDARY PACK MATERIAL	WEIGHT
1	78mm OD 4mm Cardboard Core	300g		0g
2	Polythene Film	50g		0g
3	HDPE Core Bungs (x2)	50g		0g

TERTIARY PACKAGING AND PALLETISATION

TYPE/DESCRIPTION:

Wooden pallet, and where appropriate corrugated cardboard sheet(s), wooden pallet cover, polythene film stretch film and polypropylene strapping.

LABEL DETAILS:

Standard Format - 297mm x 420mm white label printed with batch code (W/O number), customer name, quantity per pallet.

Special Format - Customer defined formats detailed on packaging specification (Refer to page 8).

PALLET CONFIGURATION:

All pallets are second use
Standard 4-way 1000mm x 1200mm (40/48) wooden pallet (Double stack)

SHELF LIFE

12 months at optimum conditions - Onset of performance deterioration commences at 9 months when stored at optimum conditions. Accelerated deterioration when stored sub-optimally.

STORAGE AND DELIVERY CONDITIONS

Room Temperature - Material should be stored and transported at room temperature away from direct sunlight. Excessive ultraviolet light and extremes of temperature i.e. over 60ºC, will lead to accelerated deterioration of product. Conditions may be varied if the film has been specifically stabilised for extended life in adverse conditions i.e. freezing, UV exposure

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PACKAGING WASTE INFORMATION

RECYCLING AND DISPOSAL:

Recycling - The product is 100% recyclable
Energy Recovery - The energy recovery through incineration yields approximately 47MJ/kg. Products from incineration of uncontaminated product: Carbon dioxide and water.

ECOTOXICITY:

In the aquatic environment, this product should not present problems because of extremely low solubility. In the soil environment, this product should not present problems because it is inherently very difficult to degrade.

MANUFACTURING PROCESS FLOW

HACCP:

Refer to the Hanmere Polythene Ltd document:

HACCP Report and Plan
Hazard Analysis and Critical Control Point Model for Hanmere Polythene Ltd

TECHNICAL DETAILS AND STANDARDS

TECHNICAL DETAIL	STANDARD	TOLERANCE
BASE MATERIALS DETAILS: A blend of polyethylene polymers (LDPE, LLDPE, MDPE, HDPE) whose starting monomers are included in Annex I, Table 1 of Commission Regulation (EU) No 10/2011 and are therefore permitted for use in food contact packaging.	GS69-1	FCM Substance No.: 549 Ref. No.: 80000 CAS No.: 0009002-88-4 Substance Name: Polyethylene Wax Use as additive or PPA: YES FRF Applicable: NO Specific Migration Limit: NO Restrictions and Specifications: None
FINISHED PRODUCT DIMENSIONS:		
1: Full Width	750mm	+15/-15mm
2: Length	500mm	+10/-10mm
3: N/A	0mm	+ 0/- 0mm
4: N/A	0mm	+ 0/- 0mm
5: Gauge	18.00μm	+ 5.00/- 5.00μm
Item weight	6g Each	+/-10%
Primary Pack Quantity	2000Each	+/-10%
Primary Pack Weight	12.00kg	+/-10%
Primary Packs per Secondary Pack	Not Applicable	Not Applicable
Secondary Pack Weight	Not Applicable	Not Applicable
Primary Packs per Pallet	50	Maximum
PRINT DETAILS		
Print Specification (Front)	Blank	Refer to Page 5
Print Specification (Back)	Blank	Refer to Page 6
OTHER DETAILS		
Film Colour Density	Light Tint	Not Applicable
Film Colour: Inner	Blue	Not Applicable
Film Colour: Middle		Not Applicable
Film Colour: Outer		Not Applicable
Film Slip Level: Inner	Normal	Not Applicable
Film Slip Level: Outer	Normal	Not Applicable
Freezable Film	No	Not Applicable
Anti-Static Film	No	Not Applicable
Embossed Film	Not Applicable	Not Applicable
Perforation Specification	Blank	Refer to Page 7
Packaging Specification	Blank	Refer to Page 8

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ANALYTICAL AND QUALITY STANDARDS

TEST	METHOD	ACCEPTABLE	UNACCEPTABLE
Dimensional Check	Physical measurement of film	Within tolerances specified on works order	Outside tolerances specified on works order
Correct Material	Visual inspection of raw material bin identification	Batch matches with works order, extruder number matches extruder.	Any mismatch
Film Colour	Visual inspection based on works order requirement	Film colour matches requirement.	Any mismatch
Film Quality	Physical Test in accordance with the Management System: Product Quality Tests.	Meets specified requirement.	Does not meet specified requirement
Slip Level	Physical Test in accordance with the Management System: Product Quality Tests.	Meets specified requirement.	Does not meet specified requirement
Bottom Seal (If applicable)	Physical Test in accordance with the Management System: Product Quality Tests.	Meets specified requirement.	Does not meet specified requirement
Side Seal (If applicable)	Physical Test in accordance with the Management System: Product Quality Tests.	Meets specified requirement.	Does not meet specified requirement
Conversion (TOOR, BM, LFT, CFS)	Visual inspections and physical checks to ensure actual conversion matches specified requirement.	Meets specified requirement.	Does not meet specified requirement
Film Treatment (If applicable)	Physical test to ensure ink adherence to outer surface of film.	Meets specified requirement.	Does not meet specified requirement
Print (If applicable)	Visual inspection to ensure actual printing matches the specified requirement.	Meets specified requirement.	Does not meet specified requirement
Perforations (If applicable)	Visual inspection to ensure actual perforations match the specified requirement.	Meets specified requirement.	Does not meet specified requirement
Weight Per Pack	Physical weighing of packs.	Within +/-10% of specified pack weight.	Outside +/-10% of specified pack weight.
Labelling	Visual inspection of labels.	Labels applied. Legible and correctly completed.	Labels missing, illegible or incorrectly completed

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PRINT SPECIFICATION

CUSTOMER		SPEC. NO	
		Revision Control	
		Iss.	Date	Raised By

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Date		Date	

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PERFORATION SPECIFICATION

CUSTOMER		SPEC. NO	

Revision Control		
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PACKAGING SPECIFICATION

CUSTOMER		SPEC. NO	

Revision Control		
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Rasied by		Approved By	
Date		Date	

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Hanmere Polythene Limited
Blackhorse Road, Letchworth Garden City, Hertfordshire SG6 1HD

DECLARATION OF COMPLIANCE

Manufacturer's name and address:

Hanmere Polythene Limited
Blackhorse Road, Letchworth Garden City, Hertfordshire, SG6 1HD, United Kingdom

declares that:

PRDT-1030473-67 750x500 DWS GS69 18mu Light Blue Tint

Complies with the provisions of the following European Regulations:

Framework Regulation (EC) No 1935/2004 of the European Parliament of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EE (As Amended)

Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food.(As Amended)

Commission Regulation (EC) No 2023/2006 of 22 December 2006 on good manufacturing practice for materials and articles intended to come into contact with food (As Amended)

Polythene film:

All monomers used in the product are listed as authorised monomers in the Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food.

The product is suitable for contact with all types of food in the following food contact conditions:

Any food contact at refrigerated but not frozen conditions. Any long term storage at room temperature or below.

Dual use additives and monomers and, or additives with specific migration limits:

Blue (4021) Masterbatch contains the following materials with specific migration limits: FCM No 106 Ref No 24550 & 89040 - LUBRICANT - 25mg/kg SML, expressed as zinc. FCM No 433 - Ref No 68320 - ANTI-OXYDANT - 6mg/kg SML. Blue (4021) Masterbatch contains the following dual use additives: FCM No 540 - Ref No 86240 - ANTI-BLOCKING, FCM No 395 - Ref No 41520 - CALCIUM OXIDE



Signed on behalf of : Hanmere Polythene Ltd
Date : 18.02.13
Name : G. Morris
Position : Manager Director

Full texts of EU legislation can be viewed online at: http://eur-lex.europa.eu/

DISCLAIMER

Product data information is current as of publication date, and while accurate to the best knowledge and belief of Hanmere Polythene Limited, is not intended and should not be construed as a warranty or representation for which Hanmere Polythene Limited assumes legal responsibility.

Any information or advice obtained from Hanmere Polythene Limited otherwise than by means of this publication and whether relating to Hanmere Polythene Limited materials, or other materials, is also given in good faith. However it remains at all times the responsibility of the customer to ensure that Hanmere Polythene Limited materials are suitable for the particular purpose intended.

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Conditions of Sale

All orders are accepted subject to these conditions.

1. Unless otherwise agreed in writing by the Company, these conditions shall override any terms and conditions stipulated, incorporated or referred to by the buyer in his order or negotiations.
2. Notwithstanding any specific date mentioned in the contract for delivery of the goods, time shall not be deemed the essence of the contract so far as concerns delivery of the goods and apart from protracted and unreasonable delay on the part of the sellers, the sellers shall not, by reason of agreeing to deliver by a specified date, be deemed to have waived the benefit of this condition.
3. If the contract provides for delivery by instalments, each instalment shall be deemed to be the subject of a separate contract and non-delivery or delay in delivery of any instalment shall not affect the balance of the contract or entitle the buyer to cancel same. Provided always that non payment in respect of any delivery shall entitle the seller to suspend the further deliveries or to call for further payment on a pro forma basis.

4.1. The price or prices given in any quotation are given in good faith and are those ruling at the date thereof. All quotations are made and orders accepted subject to availability of raw materials. All prices are subject to material market fluctuations and the actual price to be paid by the buyer shall be the sellers price ruling at the date of despatch.

4.2. Where an order is received for a quantity less than that quoted for or where delivery is required in instalments smaller than those specified in the quotation prices will be subject to an increase.

5. Liability is not accepted for any direct or indirect loss arising from non-delivery, or delays in delivery of any goods caused by war, strikes, lock-outs, fire, floods, explosions, government restrictions or any cause whatsoever beyond our control.
6. As in respect of certain goods we cannot guarantee exact quantities, the seller shall be deemed to have fulfilled this contract by delivery of a quantity of plus or minus 10% of the quantity specified and the buyer shall pay at contract rate for the actual quantity delivered. Materials with similar properties to those quoted may be substituted for quoted materials. Unless specifically agreed by the seller in writing the delivery of sample material shall not constitute a warrant nor indicate a sale by sample.
7. No responsibility will be accepted in respect of non delivery of the goods unless the buyer notifies the seller and the Carrier within 14 days of despatch. If consignments are delivered damaged or with part contents missing, they must be signed for accordingly and notification sent to the seller and Carrier within three days of delivery. Except as aforesaid no claims of any kind will be accepted by the seller unless the claim is received by the seller in writing within 14 days of the date of delivery.
8. Where the goods consist of containers, wrappers or other articles intended for use in conjunction with any food, drugs or other substance, the buyer shall satisfy himself that such food article or other substance is not likely to be adversely affected by any materials used by the seller in the manufacture or printing of such containers, wrappers or other articles and we shall not be liable to the buyer or any third party in respect of any claims alleging that such food article, drug or substance has been adversely affected.
9. Although great care is taken in the choice of materials and inks used in the manufacture of our products, their suitability for packing a particular commodity must be at the Buyers risk unless specifically agreed in writing by the Company, no warranty or condition is given or shall be implied

   that the goods supplied are suitable in size, capacity, quality or otherwise for the purposes for which the goods are bought.
10. In no circumstances shall our liability for consequential losses or otherwise exceed the invoice value of those goods supplied by us which are defective.
11. Unless the contract otherwise provides the risk in the goods shall remain in the seller until the point of delivery set out in the contract and unless the buyer shall be given notice to the seller or the Carrier as provided by condition 7 hereof, the goods shall be deemed to have been fully delivered to the buyer and the risk in such goods transferred to the buyer at the point of delivery.
12. The ownership of the goods to be delivered by the seller will only be transferred to the purchaser when the outstanding amount due to the seller from the purchaser under this contract has been paid. Until the date of such payment the purchaser agrees to store the said goods in such a way as to show that they are clearly the property of the sellers. Until the date of such payment the purchaser is authorised to sell the said goods on the sellers behalf and for the sellers account, the purchaser remaining accountable to the sellers for the goods or for the proceeds of sale until the date of such payment. In the event of any purchaser company being wound up or having a receiver appointed the purchaser company will immediately notify the sellers of such winding up proceedings or receiver appointed and return all goods belonging to the sellers in their possession.

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