

Specification Sheet - External

Specification #: QA-S-40625	Date of Revision: 12Nov13	Revision: 01
	Original Date: 22Aug13	
Item Number: FFIB86523 3 x 1 8-10ml Plain FIB	Reason for Revision: update specifications	
	Originator: Marialyn Lopez	
	Approved:	QA / R&D: Jesse Faiers Date: 12Nov13

General Product Information

Product Name	Cryopak Flexible Ice Blanket™ (Cryomat®)
Description	A flexible cooling mat composed of clear Cryopak phase change solution capsules that are used for shipping, storing, and packing products that require temperature control.
Item Number	To be determined

Finished Product Components

Front Film	4.25 ± 0.64 mil Nylon / Adhesive / Linear Low Density Polyethylene.
Back Film	4.25 ± 0.64 mil Nylon / Adhesive / Linear Low Density Polyethylene.
Cryopak Solution	Cryopak phase change solution.

Flexible Ice Blanket Specifications

Pouch Volume	8-10 ml
Cut Size	3 cells x 1 cells
Outer Dimensions	4.21 ± 0.25 x 3.5 ± 0.25 in
Weight per sheet	29.27 ± 3.0 g
Visual Appearance	Not applicable

Physical Properties

Toxicity	Non-toxic. Meets FDA specifications for "Food Grade" material.
Freezing point	15°F (-9.44°C)
Burst Threshold	60 psi or above
PH	7.0
Coefficient of Expansion	Similar to water, at all temperatures
MSDS	Available on Request

Microbiological

Standard Plate Count	<100 colony forming units (cfu)
----------------------	---------------------------------

Master Shipper Specifications

Outer Dimensions (L x W X H)	17.00 x 12.38 x 13.38 ± 0.3 in
Colour and Material	Brown Corrugated Box (printing on bottom flap only, rest of box must be plain)
Label on Shipper Case	3 x 5 white adhesive label
Label Information	# Units per case, Item #, Lot #, Item Description
Pack Size	700
Gross Case Weight	21.29 ± 2.20 kg

Pallet Requirements

Pallet Dimensions (L x W x H)	48 x 40 x 5 in
Cases per Pallet	32

Specification #: QA-S-40625	Date of Revision: 12Nov13	Revision: 01
	Original Date: 22Aug13	
Item Number: FFIB86523 3 x 1 8-10ml Plain FIB	Reason for Revision: update specifications	
	Originator: Marialyn Lopez	
	Approved:	QA / R&D: Jesse Faiers Date: 12Nov13

Edgeboard	Not applicable
Finished Product Height on Pallet	58.52 ± 1.5 in (includes pallet)
Tie (Cases per Layer)	8 (3, 3, 2)
Number of Layers	4
Total Pallet Weight	702 kg
Pallet Closure	Shrink wrap from bottom to top

Handling

Flexible Ice blanket may be safely sterilized by:

- Commonly used disinfects or germicides and sporecides, including glutaraldehyde, quaternary amine, didecyl dimethyl ammonium chloride and ethylene oxide gas, with low pressure and low temperature steam
- The Nylon film is non-wettable and will not support growth of organisms nor will it easily allow contaminated material, such as blood, body fluids, or feces, to cling to the Nylon. A mild detergent may be used to wash the surface of the pouches.

Company Information

Cryopak Industries (2007) ULC.

Head Office:

1053 Derwent Way

Annacis Island, Delta

B.C. Canada V3M 5R4

Tel: 001-604-515-7977

Fax: 001-604-515-7978

www.cryopak.com

Montreal office:

6818 Jarry Street East

St. Leonard

QC Canada H1P 1W3

Tel: 001-514-324-4720

Fax: 001-514-324-9623