



# **Blizzard Protection Systems Limited**

Technical specifications and risk analysis:

Blizzard Survival Blanket

## **Product Name**

Blizzard Survival Blanket

## **Manufacturers Name and Address**

Blizzard Protection Systems Limited

Unit's 2 and 3 Coed Y Parc Industrial Estate

Bethesda, Gwynedd, LL57 4YY

United Kingdom

## **Manufacturing sites**

Address listed above.

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# Product Specifications

## 1. Product Title

Blizzard Survival Blanket

Manufacturer product number:    BPS01 Blanket Green (Pantone 449C)  
   BPS04 Blanket Silver  
   BPS10 Blanket Orange

NSN Number:                             Green    6532-01-524-6932  
   Silver    7210-99-667-3595  
   Orange  7210-99-958-4316

Harmonisation Code:                3926-90-92-90

## 2. Description

A high performing insulating blanket for protection from cold, wind and rain, it is also an effective aid in the prevention and treatment of hypothermia.

The Blizzard Survival Blanket is used extensively by the US Military and is recommended in the PHTLS handbook for treatment of trauma victims and the prevention and treatment of hypothermia.

Product made of Reflexcell™: expanding 3-layer metallised OPP film.

## 3. Features & Options

Large blanket with adhesive re-usable closure.

Single closure at front to allow maximum mobility whilst maintaining body temperature.

- Colour Options :  
Silver, Green or Orange.

## 4. End Use - with appropriate EN

EN340:2003 Protective Clothing

## 5. Fabric(s) Name / Composition / Certification

Blizzard Product Name	Product	Composition	Weight	Certification Notes	MS DS
Plain OPP film perforated to P1	25 micron plain OPP film, perforated to P1o-extruded transparent film	Co-extruded transparent film	>5%	ISO 9001:2000	Y
Metallised OPP film, perforated to P1	25 micron metallised OPP film, perforated to P1	High glossy transparent, metallised, sealable film	>5% +	ISO 9001:2000	Y
Metallised OPP film, printed	20 micron metallised OPP film print two colours	high glossy transparent, metallised, sealable film	>5%	ISO 9001:2000	Y
Rubber yarn	90 ends to the inch optical white 40 ends natural rubber yarn	Natural rubber(polyisoprene) from centrifuged latex concentrate. Rubber compounding. Silicone based coating. Talcum Powder	<5%	ISO9001	Y
Bags	170mu LP Vacuum Pouches	Co-extrusion PA/PE film	<5%	Certificate of Conformity	N
Tape double sided red	Closure tape		<5%	ISO9001	
Clear tape	Clear polypropylene tape, 48 and 70mm wide	Polypropylene /acrylic emulsion adhesive	<5%	ISO(9001:2000	Y

## 6. Size Range - as EN 340:2003

\*Packed Size: ~22cm x 11 cm x 5 cm  
 \*Size when open: ~ Fully stretched out Length - 2.30m, Width 2.47m  
 ~ Un-packed (working) Length - 2.30m, Width 2.00m  
 Weight 450g

\*Due to the nature of the materials there may be some slight variation on the size and weight of both the packed and un-packed products.

## Risk Assessment

### Legend:

1. Minimal risk  
Very low chance that the risk may occur.
  2. Medium risk  
Slight chance that the risk may occur.
  3. High risk  
Highly probable that the risk will occur.
- A. No permanent injury should occur.  
 B. A possibility that permanent injury could occur  
 C. High probability that permanent injury will occur

Risk	Description	Probability	Prevention/solution
Suffocation	The materials can suffocate in extreme circumstances	1C	Keep the face exposed
Lifting	The materials are not designed for lifting a patient	2B	Do not lift the patient using the blanket
Adhesive failure	The adhesive has been tested to -40°C	2A	Do not use below -40°C If adhesive fails the blanket will continue to function and can be tied or taped together.
Tearing	The blanket may be inadvertently torn	1A	Open the blanket as per the instructions included with the blanket. Small tears can be repaired using tape
Burning	The material is flammable	3B	Keep away from naked flames

## **7. CE certification**

This product is self-certified in as per Category II PPE of the PPE Directive 89/686/EEC.

## **8. Declaration of Conformity**

This product is manufactured to a quality system which meets the requirements of the ISO 9001: 2008. The product is warranted to be free of manufacturing defects and suitable for purpose.

Whilst every effort has been made to identify potential risks the above is not exhaustive.

If further risks are identified; please notify Blizzard Protection Systems Ltd as soon as possible +44 (0)1248 600666

When used in the correct manner the Blizzard Survival Blanket is a safe product