



Blizzard Protection Systems Limited

Technical specifications and risk analysis:

Blizzard EMS Blanket

Product Name

Blizzard EMS 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 EMS Blanket

Manufacturer product number: BPS2-01 - Green
 BPS2-10 - Orange

2. Description

A high performing 2 layer Reflexcell™ insulating blanket for protection from cold, wind and rain, it is also an effective aid in the prevention and treatment of hypothermia.

Product made of 2 layer Reflexcell™ an expanding 2-layer metallised OPP film with elastic.

3. Features & Options

Thermal protection for casualties, wraps around the patient, seals with self-adhesive strip, re-opens to allow access, designed for EMS use to prevent loss of body heat.

- Colour Options :
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
Metallised OPP film, perforated to P1	25 micron metallised OPP film, perforated to P1	High glossy transparent, metallised, sealable film	>5% + skin contact to metallised surface	ISO 9001:2000, BR C-IOP, ISO14001 EMAS	N
Metallised OPP film, printed colour	20 micron metallised OPP film print	high glossy transparent, metallised, sealable film	>5%	ISO 9001:2000, BR C-IOP, ISO14001 EMAS	N
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%	ISO9022	Y
Bags	170mu LP Vacuum Pouches	Co-extrusion PA/PE film	<5%	Certificate of Conformity	N
Clear tape	Clear polypropylene tape, 48 and 70mm wide	Polypropylene /acrylic emulsion adhesive	<5%	ISO(001:2000	Y
Red Double Sided Tape	Heavy Duty Double Sided Red Tape, 12mm x 50m	Double Coated Pressure sensitive adhesive tape			

6. Size Range - as EN 340:2003

*Packed Size : ~12cm x 11cm x 5cm

*Size when open : ~Length 2.33 metres, Width 1.96 metres (fully stretched), 156.8cm (working)

Weight 242g

*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.

7 CE awaiting Certification

8 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.
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- 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

9 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 EMS Blanket is a safe product