

# MS Ascomedic Emergency Bag FZ (Full zip version)



*Developed in cooperation with the Rescue Operations team, at the Norwegian Society for Sea Rescue (NSSR)/Redningsselskapet (RS), Matt Skuse*

## EMERGENCY AND RESCUE BLANKET

MS Ascomedic is a combined blanket and zip up bag for emergency and first aid operations. The MS Ascomedic is equipped with a coil zipper with four sliders. The full-length zipper offers the possibility to “slide” the injured person into the bag and close the material tightly around the face; - which reduces the risk of heat loss significantly. The detachable zip also offers the possibility to use the MS Ascomedic for a huge variation of applications; - as a blanket, cover or tarp by gathering the corners or using the four sliders as attachment points for cord/string.

The fabric is waterproof (the mid line seam is welded) and FR-tested in accordance with IMO/Solas' LSA requirements for TPA (Thermal Protective Aid), and gives protection against rain, wind and cold. The MS Ascomedic material is metallized on the inside, and provides superior heat reflection, helping to keep the injured warm, dry and comfortable.

MS Ascomedic is strong and can support a person's weight and be used as a stretcher. When unfolded it measures 180 x 200cm (app. 6.0 x 6.5ft), and can accommodate an adult with a child.

**NB! To avoid asphyxiation caused by build-up of CO<sub>2</sub>, the airways must be kept free.**

## TECHNICAL SPECIFICATION:

<b>MATERIAL</b>	Laminate of heat-reflective metallic polyester, reinforced with polyester webbing. Face of material is in blaze orange polyethylene film. Material is watertight when exposed to water column of 2 meters.
<b>MEASUREMENT</b>	Length: App. 2.0 meters. Width: App. 1.8 meters. (App. 6.0 x 6.5ft)
<b>HUMIDITY AND OIL RESISTANCE</b>	Material is not affected by water when submerged and will not rot or mildew under normal conditions. Material tested for oil resistance by being immersed in diesel oil for 24 hours.
<b>THERMAL</b>	Material have a thermal conductivity of 0.1W (m.K)
<b>TEMPERATURE</b>	The blanket has been exposed to the prescribed temperature cycling test down to - 30 °C and up to + 65 °C with no sign of damage such as shrinkage, swelling, cracking, dissolution or change of mechanical properties.
<b>WEIGHT</b>	The weight is app. 400 gr. packed in a sealed polyethylene bag.
<b>PACKAGING</b>	MS Ascomedic is packed in vacuum for protection, and ready for instant use

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## Bag Use Options



Horizontal casualty  
Packaging/sleeping  
bag cover.



Used as a poncho,  
with or without  
a belt, in the  
sitting position.



Vertical casualty  
Packaging/sleeping  
bag cover.  
Covers head.



Used as a poncho.  
With belt.  
Head covered.



Used as a poncho.  
Head free.

## MS Ascomedic Bag, other use options:



**Air panel Marker,  
Shown here as a  
contrast Marker  
to communicate  
with rescue teams.**

- ▶ As a bag, for transport, ground storage. or off the ground storage.
- ▶ As a water container or rain catcher.
- ▶ As a ground sheet or tarp.
- ▶ As an air marker panel or contrast marker panel.

## Example of Ground to air Marking signals

I Require doctor Serious injuries	II Require medical supplies	X Unable to proceed	F Require food and water
K Indicate direction to proceed	↗ Proceeding in this direction	▷ Will attempt takeoff	◻ Aircraft seriously damaged
L Require fuel and oil	△ Probably safe to land here	LL All well	JL Not understood
N No	Y Yes	□ Require map and compass	! Require signal lamp
∨ Require firearm and ammunition	W Require engineer	→→ Information that A/C in this direction	
↗↘ Divided into 2 groups, in directions as indicated	XX Unable to continue; returning	++ Have found only some personnel	
LL Have found all personnel	LLL Operation complete	NN Nothing found. Will continue to search	

