



BLACKFOLIUM
TACTICAL EQUIPMENT

INSTRUCTION MANUAL **TRAUMA SHEET BAG - 35 & 50**

 TAC MED LINE

Trauma sheet bag was designed to store and organize all the medical supplies you need to set-up a CCP (Casualty Collection Point) or/and to set-up MEDEVAC/CASEVAC vector. Our work was focused to enhance the bag's adaptability and customization to extend his application possibility.

1 - EXTERNAL SIDE

FEATURES

1 – MAIN BODY: Thanks to minimal design, the bag can be used both in Military and Low-Profile/Covert operation (especially in Black or Ranger Green color). All sides are internally padded with 4mm foam to protect sensitive materials.

2 – CLOSURE: Thanks to 10# YKK Zippers, the inner side is totally insulated from outside. All the medical supplies are preserved from elements, dirt, and dust. The bag also can be mounted outside of vehicles without any risks of swell.

3 – HANDLE: Upper handle for transport. Internally padded for a comfortable carrying.

4 – SIDE HANDLES: Alternative of upper handle or for transport in pairs. Internally padded for a comfortable carrying.

5 – PVC WINDOW: To place badge in order to distinguish between different TRAUMA SHEET BAGS and identify the transported materials. Thanks to the rounded shape it can be read both from top and from front (very useful when bags are stowed in line inside military plastic case).

6 – VELCRO LOOP: For attach Patch/ID in top or/and front side.

7 – REAR POCKET: To store all the webbing and straps supplied.

8 – DX MOUNTING POINT: To mount and lift the bag on vehicles / helicopter / pipe / anchor points.

9 – MIDDLE MOUNTING POINT: To mount and lift the bag if you have only one attachment point.

10 – SX MOUNTING POINT: To mount and lift the bag on vehicles / helicopter / pipe / anchor points.



2 - INNER SIDE

FEATURES

Customization is the main feature of the bag: you can attach the accessory pouches in "Upper" and "Lower" Velcro panel. You are free to choose the right set-up based on medical supplies you have to carry and organize.

In addition, there are 4 "standard" panels designed to hold the tools which must be easy to reach. The panels are:

A - LEFT PANEL

B - RIGHT PANEL

C - MIDDLE PANEL

D - END PANEL

1 - ELASTIC MOLLE: 3 rows x 4 section of 1" elastic webbing. Designed to carry tools that must be easy to reach.

2 - MESH POCKET: multipurpose pocket with flap and press-stud closure. Designed to store nitrile gloves.

3 - MESH POCKET: multipurpose pocket with flap and press-stud closure. Designed to store casualty card.

4 - ELASTIC MOLLE: 3 column x 4 section of 1" elastic webbing. Designed to carry tools that must be easy to reach.

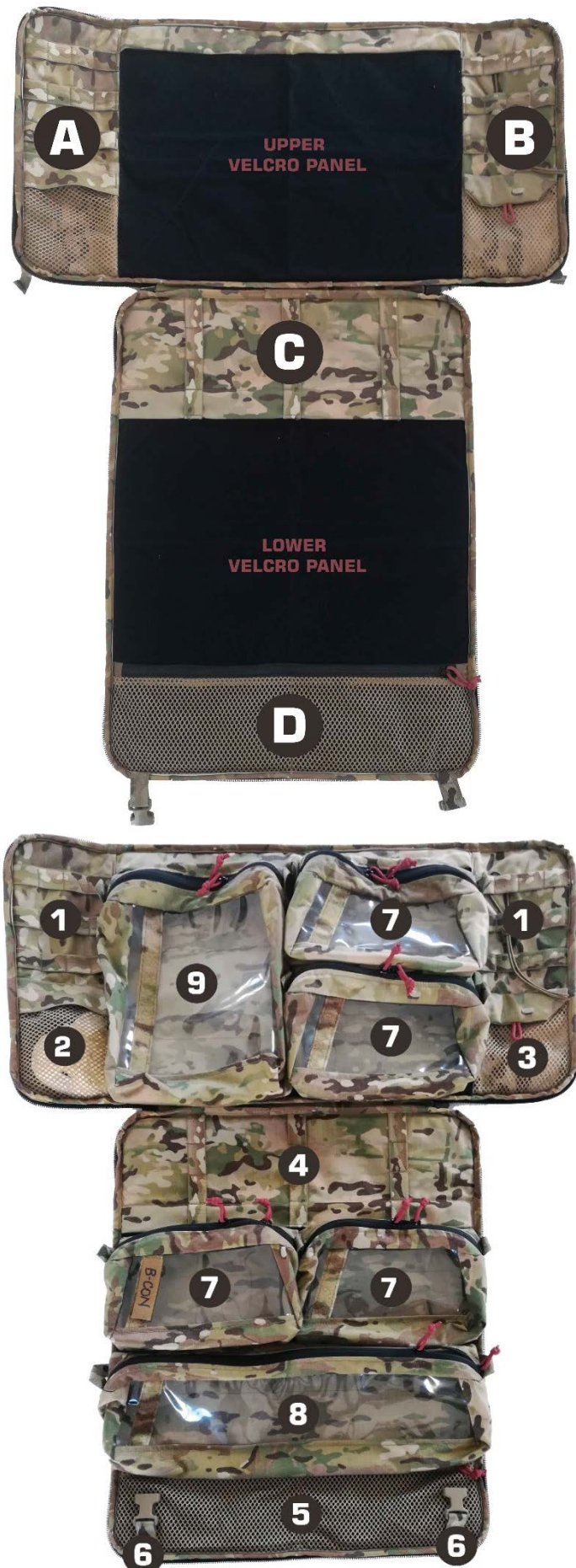
5 - 2xMESH POCKET: multipurpose pocket, divided in the middle, with zipper closure.

6 - BOTTOM MOUNTING POINTS: Very useful to stabilize the lower portion if you need to mount the bag always opened.

7 - ACCESSORY POUCH: SMALL

8 - ACCESSORY POUCH: LARGE

9 - ACCESSORY POUCH: MEDIUM



3 - POUCHES LOCKING SYSTEM “FLAP & LOCK”

“FLAP & LOCK” is a BLACKFOLIUM's patent pending system

SECURING PROCESS:

1 – Place the pouch by attaching the bottom side of rear Velcro hook (up-on the flap of lower pouch).



2 – Open the bag's flap

3 – Attach the pouch's upper flap under the bag's flap

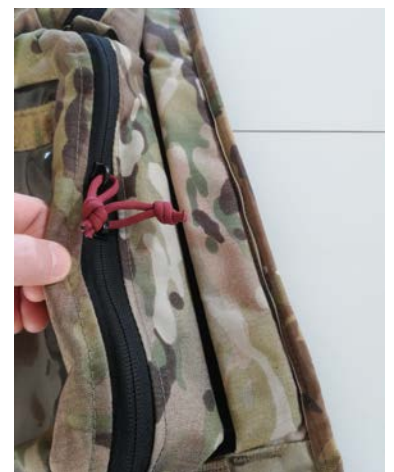


4 – Close the bag's flap.

5 – System secure.

Now the pouches are secured and looks like **sewed on main body**.

You can continue to attach the other pouches by following the same procedure.



4 - POUCHES

TYPES AVAILABLE

SMALL

Dimension: 26 w x 17 h x 6 d

Capacity: 3 liters ca

Occupy: 1 slot

Closure: Zipper



MEDIUM

Dimension: 26 w x 34 h x 6 d

Capacity: 6 liters ca

Occupy: 2 slot vertically

Closure: Zipper



LARGE

Dimension: 52 w x 17 h x 6 d

Capacity: 6 liters ca

Occupy: 2 slot horizontally

Closure: Zipper



5 - POUCHES

FEATURES

1 - UPPER FLAP: To secure the upper portion of pouch.

2 - CLOSURE: 2 x YKK #8 slider with red Paracord to improve position spotting.

3 - SIDE PULLERS: To help the opening / closing operation of the pouch. They also can be used as a side anchor points to lift the pouch individually, separately from bag. Thanks to the upper pouch's flap you can set a line of pouches, as showed in photo below:



4 - 1" VELCRO LOOP: You can use it to place an identification strip or a piece of Velcro hook. Easy to replace, is perfect to write all infos you want.

5 - PVC WINDOW: Large PVC window allow the operator to rapidly identifying contained materials on each pouches.

6 - REAR VELCRO HOOK: To attach the bottom side of the pouch

7 - CLOSURE GEOMETRY: The upper closure and the zipper shape was designed to guarantee the right working of the pouch. In fact, thanks to the rounded geometry, you can reach and extract the materials easily, also if the upper pouch is really full.



6 – DIFFERENCES BETWEEN TRAUMA SHEET BAG – 35 & 50

COMPARISON

1 – DIMENSION CLOSED:

MODEL	CAPACITY	WIDTH	HEIGHT	DEPTH
TRAUMA SB – 35	35 liters	55 cm	40 cm	16 cm
TRAUMA SB – 50	50 liters	55 cm	60 cm	16 cm



2 – DIMENSION OPENED:

MODEL	WIDTH	HEIGHT
TRAUMA SHEET BAG – 35	80 cm	105 cm
TRAUMA SHEET BAG – 50	85 cm	140 cm



3 - VELCRO PANELS DIMENSION:

MODEL	SLOT X VELCRO PANEL	TOTAL SLOT
TRAUMA SHEET BAG - 35	4	8
TRAUMA SHEET BAG - 50	6	12



3 - BAG ROTATION:

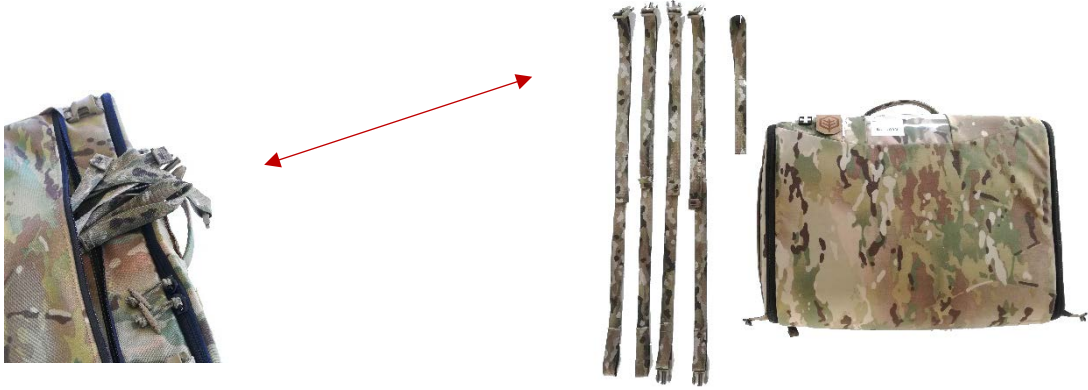
TSB-50 can be rotate by 90° because the Velcro panels are perfectly squared. In addition, the pouch can rotate thanks to the presence of locking flap also on left side. This feature is very useful if you have to mount the bag in low roof vehicles.



7 - MOUNTING & ANCHOR POINTS

COMPARISON

All mounting solutions, explained below, can be adopted thanks to the provided webbings. The right one will depend on where you have to mount the bag. Every strap own a buckle in one side (to attach on QUASM buckles) and a sewed loop on the other side. Webbingings can be stored in the backside pocket, when not used.



1 - X CLOSED: Very stable mounting solution. Advised if bag must be closed during movement or/and mounted outside of a vehicle.



2 - MIDDLE POINTS: The best solution if you have only one anchor point. Also useful if the bag must be closed during movement or/and mounted outside of a vehicle.



3 - X OPENED: Best solution in terms of stability and if you need a bag always opened. Advised in MEDEVAC helicopter or to set-up a CCP (Casualty Collection Point)



4 - HORIZONTAL : Very useful solution if you have to mount the bag on low roof vehicles. **Only the TRAUMA SHEET BAG - 50 can be rotate by 90°.**



5 – SHOULDER STRAP : There are two supplied straps with a buckles on both side. They can be used to transport the bag as a shoulder bag.



6 – CUSTOM MOUNTING : All the anchor points highlighted before can be re-used, for sure, with stuff that you can find on the field (tape, rope, carabiner and so on). Also, based on what's right in front of you, you can mix the different mounting solutions to make your own custom version.

8 – TECHNICAL SPECS

MATERIALS

	BRAND	SPEC-CODE
External Fabric	Cordura® - 500 Denier	Mil-DTL-32439 T3 C3
Hook & Loop Tape	Velcro®	AA-55126
Loop Fabric	Velcro®	-
Sewing thread	-	AA-59826 T70
Binding Tape	-	Mil-T-5038
Webbing	-	Mil-W-17337 & AA55301
PVC	-	-
Paracord	7 Core - 550 lbs	Mil-C-5040H T3
Hardware	ITW Nexus®	BCA*
Zipper	YKK®	BCA*

MAXIMUM load weight is 45 Kg. (both for 35 and 50)

All BLACKFOLIUM's products claim "lifetime guarantee" which provides the repair or product replacement in case of structural failure due to incorrect assembly or manufacturing. Our products are designed and built to last, entirely in our laboratory in Italy (Teramo Province).

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