

# Squeeze ballistic protection and carry system -15

MANUAL







# The Snigel system



## CLOTHING

Our garments have good freedom of movement, ventilation and give good protection. They are designed to work with the vest and backpacks so pockets can be used when they are worn.



## VESTS

The ballistic or non ballistic vests can be combined and used in many different ways to suit the individual user. They are compatible with the MOLLE attachment system.



## ADD ON PROTECTION

Additional protective panels can be added to the ballistic vests to protect shoulders, upper arms, the neck and groin area.



## POUCHES

We have pouches for all different kinds of equipment you need to carry that can be attached in many different ways on our vests.



## MISSION BACKPACKS

The different mission sized backpacks we offer covers you 24 to 48 hour needs for a mission. They can all be attached directly in the vests to increase the comfort when you carry a mission backpack.



## BACKPACKS

The really big backpack is fully integrated in the Snigel system. It carries what you need for a one to two weeks mission. The mission backpack is attached on the back of the backpack to make it easy to get.

# The Squeeze system



## What is the squeeze system?

The Squeeze system is developed to be an integral part of the soldier's equipment, working together with all other parts that the soldier is carrying.

The trousers and jackets are designed so the pockets and ventilation openings are accessible when the Squeeze system is carried.

The Squeeze ballistic protection and carry system is as a modular system where different parts can be used depending on the mission, threat level and the climate. It is designed to be comfortable, easy to wear and use, not to restrict your movements and to be as cool as possible.

The Squeeze system will work with your weapon, helmet, radio, wires, ear defenders and other pieces of personal equipment.

Different backpacks and bags for personal and common equipment are designed to be carried at the same time as the plate carrier system. The bags and backpacks are easy to attach and detach and they are as comfortable as possible to carry together with the plate carrier. The plate carrier is cut high, so you can use the hip belt on the 120L backpack.

There are three different sizes of the front and back panels and four for the side panels. These can be combined to fit nearly every male or female user.

# The Squeeze system

## A combination of different parts!

The Squeeze system allows the user to adapt the protection, the carrying capacity to meet the needs while taking weight, heat stress and other problems into account. The different parts can be combined in many different ways depending on the threat, the mission and the environment.



**Ballistic yoke with throat protection**

**Squeeze plate carrier**

**Small ballistic sleeve set**

**Squeeze side panel pouch set**

**Ballistic groin protection**



Squeeze in size 1 with side panel pouches.



Squeeze in size 2 with side panel pouches.



Squeeze in size 3 with the quick closure set



# Features



Removable padded shoulders with cable channels and elastic loops for antennas. Velcro closed flaps protects your earpiece when it is not used.

Loop Velcro on the inside to attach to the ballistic yoke.

MOLLE webbing on the front and back.

Velcro allows you to attach unit and individual patches.

Pockets for 26,5x34 cm hard plates in size two and three and 25x32 cm in size one.. The pockets also holds ballistic panels.

An attachment point for a repair buckle is placed under the top MOLLE webbings on the front.

An elastic cord runs along the edge. Under this cord, you can secure cables and the hydration tube.

Moveable zipper closure in each side. It is attached in the MOLLE webbing.

There are two different ways to close and tighten the carrier: Quick closure or side panel pouches. The side panel pouches have an elastic string in the back to sit flexible on the body.



Clean inside to be as comfortable as possible and not to catch in your uniform when you put it on or take it off. Soft ridges are sewn on the inside to increase comfort and ventilation.

The length is adjusted in the shoulder straps and the width is adjusted with the side closure system.

Back pocket for the closure system.

MOLLE webbing on the back.

Size one should be selected if you want an as small system as possible, a plate carrier.





Size two which is wider and slightly longer than size one is for most users who wants good protection and good movability.

Size three which is five cm longer than size two should be selected if you want a flexible system with more protection.

# 17-00944-XX-001 Size 1

## Squeeze plate carrier -15



-  Black= 17-00944-01-001
-  Grey= 17-00944-09-001
-  Olive= 17-00944-17-001
-  Multicam= 17-00944-56-001

### Material

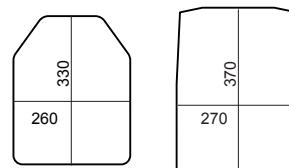
Fabric: 100% polyamide PU coated  
Webbing: 100% polyamide or 100% polyester  
Foam: Polyethylene

### Weight 0,83 kg

Complete with front cover, back cover, shoulder covers and one pair of zipper closures.

### Measurements

Front height 33 x width 26 cm.  
Back height 37 x width 27 cm.  
The front area is 775 cm<sup>2</sup>.  
The back area is 825 cm<sup>2</sup>.



### Parts in each product



One front cover, size one.



One back cover, size one.



One pair of shoulder covers with foam.







One pair of zipper closures.

# 17-00944-XX-001 Size 2

## Squeeze plate carrier -15



-  Black= 17-00944-01-002
-  Grey= 17-00944-09-002
-  Olive= 17-00944-17-002
-  Multicam= 17-00944-56-002

### Material

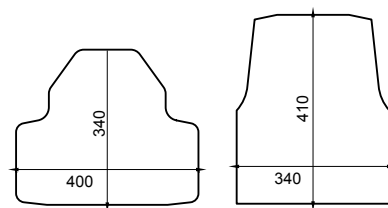
Fabric: 100% polyamide PU coated  
Webbing: 100% polyamide or 100% polyester  
Foam: Polyethylene

### Weight 0,95 kg

Complete with front cover, back cover, shoulder covers and one pair of zipper closures..

### Measurements

Front height 34 x width 40 cm.  
Back height 41 x width 34 cm.  
The front area is 1100 cm<sup>2</sup>.  
The back area is 1100 cm<sup>2</sup>.



### Parts in each product



One front cover, size two.



One back cover, size two.



One pair of shoulder covers with foam.



One pair of zipper closures.



# 17-00944-XX-001 Squeeze plate carrier -15

## Size 3



-  Black= 17-00944-01-003
-  Grey= 17-00944-09-003
-  Olive= 17-00944-17-003
-  Multicam= 17-00944-56-003

### Material

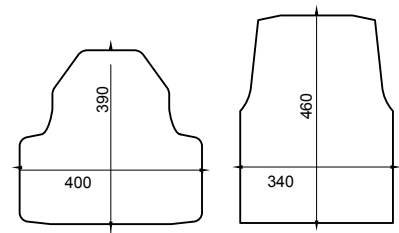
Fabric: 100% polyamide PU coated  
Webbing: 100% polyamide or 100% polyester  
Foam: Polyethylene

### Weight 1,0 kg

Complete with front cover, back cover, shoulder covers and one pair of zipper closures.

### Measurements

Front height 39 x width 40 cm.  
Back height 46 x width 34 cm  
The front area is 1230 cm<sup>2</sup>.  
The back area is 1430 cm<sup>2</sup>.



### Parts in each product



One front cover, size three.



One back cover, size three.



One pair of shoulder covers with foam.



One pair of zipper closures.

# Details



The back pouch is attached with 50 mm gate keeper buckles. They are easy to open and close and very strong.



The inside of the front and back panel is made in mesh and have ridges in foam to be as comfortable as possible. This also makes the plate carrier feel cooler.



The top of the front and back panel have loop Velcro to attach to the ballistic yoke.



Under one of the MOLLE webbings a 25 mm wide webbing loop is placed. In this you can attach a repair buckle, male or female. With these buckles you can make a quick attach version of the flap.



Two repair buckles are attached.



The Squeeze chest carrier -15 is attached with the side release buckles.



Along the edge of the front panel an elastic cord is placed.



In the top of the front and the back an opening with Velcro closure is placed in each corner. Thread you cables or tubes through these openings when needed.



A repair buckle can be attached in each side in the top of the front. Attach the buckles from the backpack in these.

# Details



The zip closure is attached as shown. Thread the webbing through the MOLLE webbings on the front/side of the vest.



The zip closure can be attached at the end of the MOLLE webbing for maximum area to attach pouches on.



To get rid of the ballistic gap in the side/front, attach the zip closure in the second row of MOLLE webbing in the side. Now, when you use the ballistic side panels there will not be any gap.



The plate carrier is closed with a zipper in each side. The zipper is easy to close and open because we have placed it upside down.



In an emergency it is easy to quickly open the sides. Just pull the cord in the zipper puller up and the sides are released.



The plate carrier is very easy to tighten. Pull the narrow webbing down or forward and the side panels are pulled back, making the plate carrier tight around your body. The side panel pouches have an elastic string in the back to sit flexible on the body.



The quick adjust is tightened by pulling down or forward.





# Accessories



26-01102-xx-000  
Squeeze quick closure set -15

26-01102-01-000	Black
26-01102-09-000	Grey
26-01102-56-000	MultiCam



84-00984-xx-0xx  
Squeeze side panel pouch set-15.  
Size 5 to 11

84-00984-01-0xx	Black
84-00984-09-0xx	Grey
84-00984-56-0xx	MultiCam



19-01208-xx-000  
Squeeze chest carrier -15

19-01208-01-000	Black
19-01208-09-000	Grey
19-01208-56-000	MultiCam



81-00945-01-xxx      NIJIIIA  
Squeeze ballistic panel set -15.  
Size 1, 2 or 3.

81-00945-01-001	Size 1
81-00945-01-002	Size 2
81-00945-01-003	Size 3

Measurements (height x width):

Size	Front	Back
1	33x26 cm	37x27 cm
2	34x40 cm	41x34 cm
3	39x40 cm	46x34 cm

Protected areas:

Size	Front	Back
1	770 cm <sup>2</sup>	820 cm <sup>2</sup>
2	1120 cm <sup>2</sup>	1110 cm <sup>2</sup>
3	1230 cm <sup>2</sup>	1430 cm <sup>2</sup>



81-00663-01-0xx      NIJIIIA  
Ballistic side panel set , size 5, 7, 9  
and size 11.

81-00663-01-005	Size 5
81-00663-01-007	Size 7
81-00663-01-009	Size 9
81-00663-01-011	Size 11

Measurements:

Size	HxW
5	17x23 cm
7	17x27 cm
9	17x35 cm
11	17x43 cm

Protected areas:

Size	Area
5	300 cm <sup>2</sup>
7	430 cm <sup>2</sup>
9	570 cm <sup>2</sup>
11	710 cm <sup>2</sup>



82-00016-01-000      NIJIV  
Stand alone shooters Ballistic plate

This hard plate can be used with or without our NIJIIIA panels.

Measurements:  
25 x 30 cm

# Accessories



85-00338-xx-000 NIJIIIA  
Small ballistic sleeve set -12

85-00338-01-000 Black  
85-00338-09-000 Grey  
85-00338-56-000 MultiCam

Protected area: 850 cm<sup>2</sup>



85-00337-xx-000 NIJIIIA  
Ballistic yoke-14

85-00337-01-000 Black  
85-00337-09-000 Grey  
85-00337-56-000 MultiCam

Protected area: 1000 cm<sup>2</sup>



85-00009-xx-000 NIJIIIA  
Ballistic groin protection set -12

85-00009-01-000 Black  
85-00009-09-000 Grey  
85-00009-56-000 MultiCam

Protected area: 1430 cm<sup>2</sup>



85-00056-xx-000 NIJIIIA  
Small ballistic groin protection -11

85-00056-01-000 Black  
85-00056-09-000 Grey  
85-00056-56-000 MultiCam



13-00116-xx-xxxx  
Modular combat belt-12

13-00116-XX-012 Small  
13-00116-XX-013 Medium  
13-00116-XX-014 Large  
13-00116-XX-015 XLarge



81-00594-01-xxx NIJIIIA  
Ballistic insert for Combat belt

81-00594-01-012 Small  
81-00594-01-013 Medium  
81-00594-01-014 Large  
81-00594-01-015 XLarge

Protected area: M: 690, L: 770 cm<sup>2</sup>



15-01029-xx-000  
Combat belt harness -14

15-01029-01-000 Black  
15-01029-09-000 Grey  
15-01029-56-000 MultiCam



25-01034-09-000  
25 mm Stealth repair buckle pair



26-00719-xx-000  
40 mm long T-bar set -12

26-00719-01-000 Black  
26-00719-09-000 Grey  
26-00719-56-000 MultiCam

Black= xx-xxxxx-01-000

Olive= xx-xxxxx-17-000

Grey= xx-xxxxx-09-000

MultiCam= xx-xxxxx-56-000

# Configurations

## With quick adjust closure



Quick adjust and size 1



Quick adjust and size 2



Quick adjust and size 3

## With side panel pouch closure



Side panel pouch and size 1



Side panel pouch and size 2



Side panel pouch and size 3

## With added protection



Size 2 with side panel pouches and yoke



Size 3 with side panel pouches, yoke and sleeves



Size 2 with side panel pouches, yoke, sleeves and groin



# Putting in ballistics

## Putting in ballistic panels



The inner cover shall protect the bottom of the panel from abrasion. Make sure that it covers the bottom of the panel.



Fold in the flap and make sure it is aligned with the red markings. Also make sure that the corners of the loop Velcro come in under the hook Velcro part.



The red markings shall be aligned to make the package as comfortable as possible.

## Putting in ballistic plates



Open the front or back and insert the hard plate.



This hard plate is adjusted to be placed as far down as possible.



This hard plate is shown inside the pouch. It is adjusted to be placed as high as possible.



# Adjusting it

## Adjusting the height



Open up the flaps of the shoulder covers.  
Open the Velcro adjusted shoulder strap and adjust to the proper length.



Close the Velcro adjusted shoulder strap and make sure it is securely attached.



Pull the plate carrier to make sure the shoulder straps are securely attached.

Close the shoulder covers if they are used.

## Adjusting the width



The width is easily adjusted with the narrow webbing in each side. When you pull it, the side panels or narrow webbing in the sides is pulled back, making the plate carrier sit tight around your body.



A plate carrier with the side panel pouches pulled in to be tight.



The same plate carrier with the side panel pouches extended for larger users.



Close the shoulder covers.



The Plate carrier can be worn without the shoulder covers.





# Quick closure

## Attaching the quick closure



Insert the Quick closure in one side on the back panel.



Open the Velcro closure in the bottom and attach the Velcro part on the Quick closure on the Velcro panel on the back panel. Make sure the pieces match.



Close the Velcro closure. Make sure the red markings are aligned.



Pull the narrow webbing ends. You should have about 40 cm hanging end on the 10 mm webbing. Pull the other end of the 10 mm webbing through the eye let, so the Squeeze sits tight around your body. Make a knot on the webbing too keep it tight.



Pull the free ends of the narrow webbings again so the plate carrier sits really tight on your body. Attach pouches in the sides if you want to.

## Donning and doffing



Grab the plate carrier and pull it over your head.



If the zippers are not closed, close them.. Pull the end of the narrow webbings so the plate carrier sits tight on your body.





# Side panel pouches

## Attaching the side panel pouches



Insert the side panel pouches into the opening on the back panel.



Pull the side panel pouch out on the other side.



Attach the middle section with hook Velcro on the loop Velcro panel on the back panel of the plate carrier.



Make sure that the hook and loop panels are aligned.



Pull the ends of the narrow webbings and make sure the side panel pouches slide in and out. On the picture above the left side has been pulled in and the right side is fully extended.



Close the zipper.

## Donning



Grab the plate carrier and put it over your head.



If the zippers are not closed, close them.



Pull the end of the narrow webbing so the plate carrier sits tight on your body.

# Attaching accessories



Place the plate carrier over the yoke.  
Connect the Velcro on the vest with the Velcro on the yoke.  
Open the Velcro closed webbings on the yoke.



Close the Velcro straps to secure the yoke on the plate carrier .



Attach the Velcro straps from the throat protection through the webbings on the front.  
Fold up and attach the webbings on the Velcro on the inside of the throat protection.



Attach the buckles on the throat protection on the side of the collar.



Attach the sleeves through the webbings on the top of the yoke.



The front groin protection panel is attached as shown in the front.  
This groin protection only fits size 2 and 3.



The back groin protection panel is attached as shown in the back.  
This groin protection only fits size 2 and 3.



Pull the groin protection parts to make sure that they are securely attached.



All parts attached.

# Attaching equipment



Attach the hydration bladder with the Velcro holder in the top of the back pouch.



Cable ties can be placed in the shoulder cover and then in the back pocket.



The hydration tube can be threaded under the elastic cord on the shoulder covers and the elastic cord on the top of the front.



The PTT box can be attached in the MOLLE webbing on the front.



Shoulder cover for storing your ear piece, This protects them when not in use so you don't destroy them.



Pouches are attached on the narrow webbings under your arm. Attach them in the top of the pouch and as far down on the pouch as possible.



The Squeeze chest carrier -15 is attached in the lower end with Velcro



Fold it up and attach the side release buckles in the top. Close the zippers in the sides.



The Squeeze chest carrier can also be used as a chest rig. Use the Combat belt harness and 40 mm T-bars to make a chest rig.



# Attaching equipment



In the configuration above there are pouches for two radios, three grenades, five magazines, one first aid kit, one CAT, one binocular, one zipped pouch for power bars etc and one for technical gear like NVG, glasses, batteries etc.



If you have good magazine pouches they can be attached up side down on the front. That makes the changing of magazines faster and the pouches above will not block the magazines.



Velcro area in the top right corner on the back for patches.



A 25L specialist backpack attached in the repair buckles.



To attach the RSWA-09 rifle sling holder you need a 50 mm gate keeper buckle.



Open all the flaps on the shoulder cover. Open the gate keeper and insert it in the 50 mm webbing loop on the back cover.



Insert the rifle sling holder in the gate keeper.



Close the gate keeper. Close all the flaps on the shoulder cover. Note that the rifle sling holder is outside the most forward flap. Pull the rifle sling holder to make sure it is securely attached.

# Pouches

Examples of pouches from Snigel Designs range.



21-00167-xx-000  
GP pouch 2 -12.



21-00493-xx-000  
GP pouch 2L -12



21-00298-xx-000  
GP pouch 3 -12



21-00168-xx-000  
GP pouch 3L -12



21-00576-xx-000  
Trauma pouch -12



MP-00x  
Sub machine gun  
magazine pouch -00



22-00094-xx-000  
Speed magazine pouch  
-12.



25-00307-xx-000  
Dual magazine insert -12



21-00349-xx-000  
XXS pouch -12.



21-00279-xx-000  
Small pouch -12.



23-00312-xx-000  
Medium pouch -12



21-00270-xx-000  
Radio pouch -12



22-00829-xx-000  
Grenade pouch -12



20-00248-xx-000  
Dual magazine pouch  
-12



22-00519-xx-000  
Dump bag -10



21-00309-xx-000  
Small admin pouch -14



Black= xx-xxxxx-01-000



Olive= xx-xxxxx-17-000



Grey= xx-xxxxx-09-000



Multicam= xx-xxxxx-56-000

# Attaching pouches



Our pouches are compatible with both standard 25 mm MOLLE and 60 or 20 mm Swedish attachment systems.



Place the pouch in the position you want it.  
Push the attachment webbing on the pouch through the MOLLE webbing on the carrier.



Push the attachment webbing on the pouch under the first 25 mm webbing on the back of the pouch.



Push the attachment webbing on the pouch through the next MOLLE webbing on the carrier.



Push the attachment webbing on the pouch under the next 25 mm webbing on the back of the pouch.



When you have reached the bottom of the pouch, make sure to go **UNDER** the blue webbing. Fold the attachment webbing and go into the tunnel on the pouch



**It MUST ALWAYS go under the blue webbing.**

On this pouch we also went under the 25 mm wide olive webbing.



Pull the pouch to make sure it is securely attached.



This is what it should look like when it is ready.



# With bags and backpacks



All pack -12  
attached to the  
back.



25L Specialist  
backpack and the All  
bag -12 attached to  
the yoke and back.



25L mission  
backpack attached to  
the yoke.



Flap and one side  
pocket of the  
90/120L Backpack  
system attached to  
the back.



90/120L Backpack  
system carried  
outside a complete  
Squeeze system



28-00427-xx-000  
All bag -12



29-00363-xx-000  
All pack -12.



28-00271-09-000  
Multi- purpose bag -12



29-00027-xx-000  
25L Specialist backpack -14



29-00394-xx-000  
25L mission backpack -12



29-01161-09-000  
90L Backpack -15

# With bags and backpacks



The specialist backpack is attached on the back of the 120L backpack



Remove the 120L Backpack from you back.



Unbuckle the four side release buckles so the specialist backpack is free.  
Remove the specialist backpack.



Attach the side release buckle on one side of the combat vest.  
In this position you can also enter the backpack, even when it is still attached to one shoulder.



Swing the backpack over your shoulder and pull it forward.



Attach the side release buckle on other side of the combat vest.



Grab the carry webbings and close the side release buckles. These forms the waist belt. Tighten the belt.

