

4M
by CZ GROUP



BALLISTIC VESTS – BACKPACKS – COMBAT UNIFORMS – TACTICAL EQUIPMENT

www.hardtimegear.com



Hellmand AFG 2007

Dear Business Friends,

The most important attribute of the last years in our company is the emphasis on customer satisfaction. We want to surprise customers and offer the best solution that comprehensively covers their needs. The logical step was the acquisition of 4M Systems, which complements our range of military small arms with tactical equipment for the military, police, customs, prison service, border guards and more. Extensive practical experience and cooperation with end users leads to the production of the best products, which can be appreciated by customers around the world.

Lubomír Kovařík
Chairman of the Board
Česká zbrojovka Group SE



Dear Business Friends,

At 4M Systems, we work to give our customers, our former colleagues and comrades the best equipment for their protection and assistance during service. Because we ourselves have vivid memories of how inadequate equipment could complicate life in combat deployment or training, we strive to find solutions that are not complications but simplifications. Every police officer, soldier or other user will know that this effort is reflected in each of our products. All CZ 4M vests, helmets, backpacks or holders can be relied on in any situation.

Jan Žižka
CEO
4M Systems a.s.



MANAGEMENT INTRODUCTIONS



Jan "JOHN" Žižka - CEO

1994 - 1998 Intervention Police Unit West Bohemia
1998 - 2002 Intervention Police Unit South Bohemia
2002 - 2009 Special Operation Group SOG
Foreign deployment in Iraq, Kosovo, Afghanistan
Founder of 4M Systems Company



Bc. Radek "CHOMBER" Duchek - Commercial Director

1996 - 2002 Intervention Police Unit
2002 - 2009 Special Operation Group SOG
2009 - 2015 Concesioned CP operative
2012 - 2013 Chief-instructor of UK CP Academy SIA-GEO
Foreign deployment in Iraq, Kosovo, Afghanistan



Ing. Pavel "BOSS" Horňák - Production Director

1989 - 2003 Czech Army Land Forces Staff
2003 - 2008 Commander of Special Operations Group SOG
Postgraduate study in War Academy in Warszawa
Foreign deployment in Afghanistan



Mgr. Petr "KOHŇ" Holeček - Financial Director, Member of Board

2009 - 2014 ČD Cargo Logistics a.s.
2014 - 2019 Advisory Board of Česká zbrojovka a.s.
2017 - 2019 Member of Board of 4M Systems a.s.



Bc. Martin "PAŤA" Žižka - R/D Director

1994 - 1996 Protective Service of Czech Police
1996 - 1998 Intervention Police Unit of West Bohemia
1998 - 2002 Intervention Police Unit of South Bohemia
2002 - 2009 Special Operations Group SOG
Foreign deployment in Iraq, Kosovo, Afghanistan

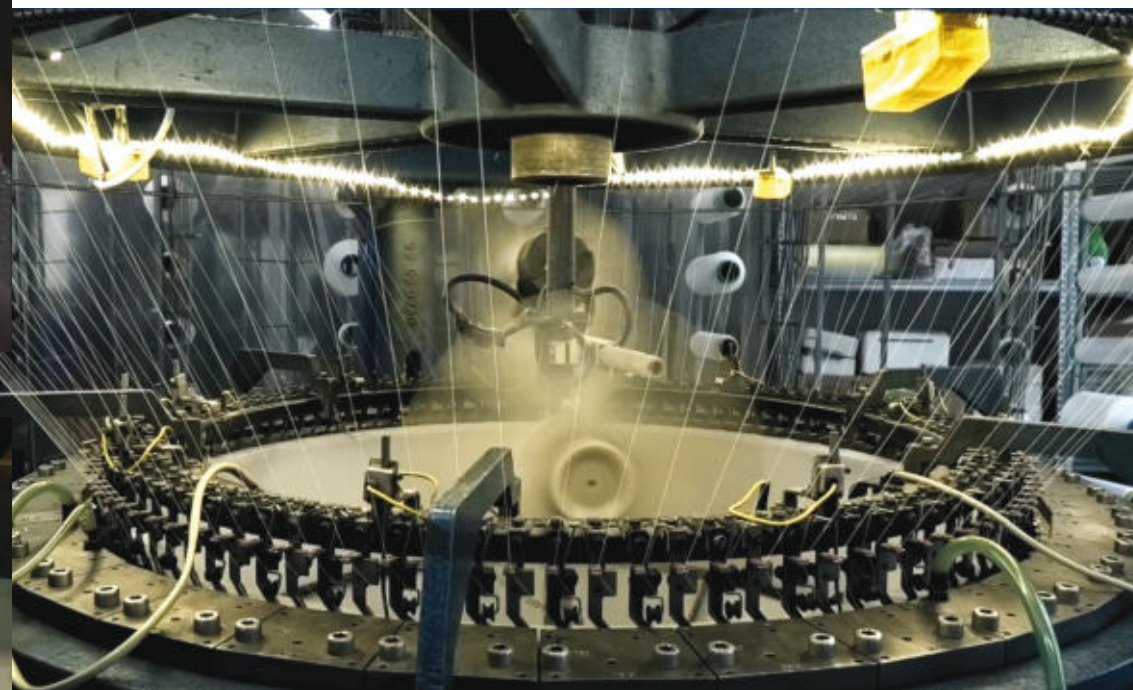
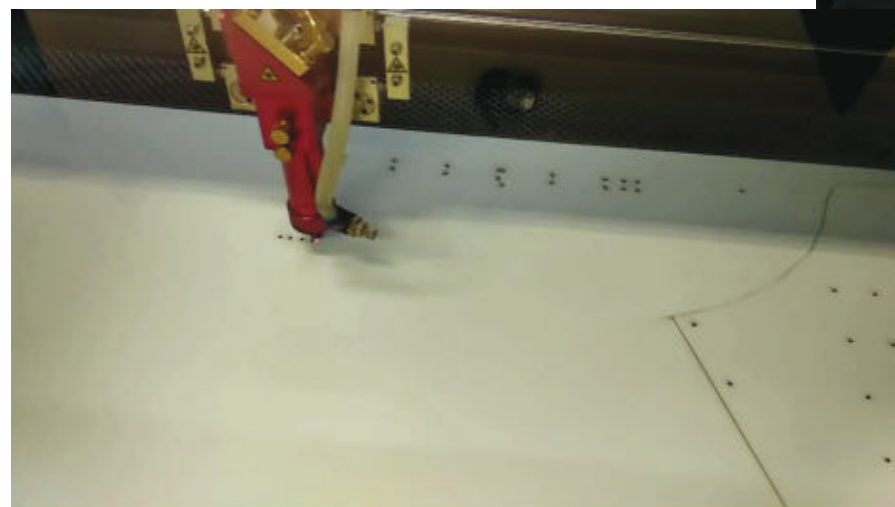


OUR TEAM

4M SYSTEMS a.s.

We have a unique team of enthusiasts and specialists in our field. Besides experienced and talented designers and textile designers, the company is also headed by former members of special units of the Police and Army of the Czech Republic. Today, we put what we have gained from serving in police actions, a security mission in Kosovo, reconnaissance operations in Iraq, and counterterrorism and combat operations in Afghanistan into the design and functionality of 4M Systems tactical equipment. Since we know what is really important, we only produce what we would want ourselves in operational deployment.





We use the latest technology to develop 4M tactical equipment. Professional Adler Dürkopf sewing machines, laser cutting technology. For ballistic tests we use the services of the Military Technical Institute in Slavičín and the USA NTS Chesapeake laboratories. Textile testing is always performed at the State Textile Testing Institute or at ITC laboratories in Zlín.

NANOMEMBRANE TECHNOLOGY

WHAT IS NANOMEMBRANE TECHNOLOGY?

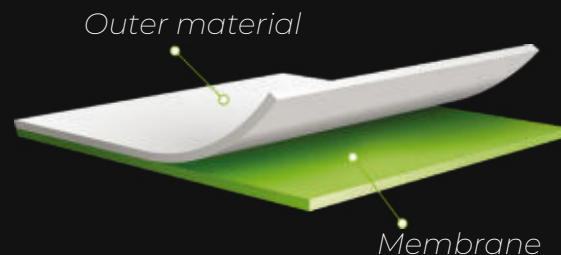


Thanks to its unique nanofibrous structure with a fiber diameter of up to 150 nm, the NANOMEMBRANE has 25% more pores per 1 cm² than microporous membranes and is therefore able to achieve unique properties that no other membranes in the world can compete with. It is no secret that the NANOMEMBRANE is very similar to human skin and thanks to this it boasts extremely high vapor permeability, or the ability to remove body moisture from the human skin to the external environment. The vapor permeability of the two-layer laminate with nanofiber membrane is from Ret 0.89.

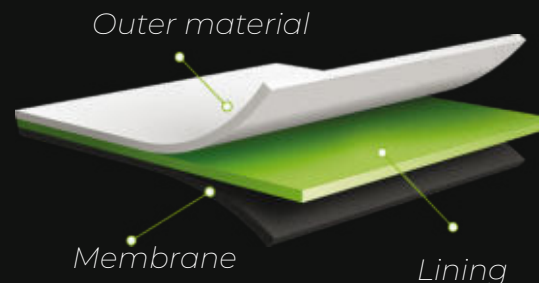
Moreover, NANOMEMBRANE is 100% windproof with extreme hydrostatic resistance.

Unlike other manufacturers, NANOMEMBRANE offers not only a selection of its own fabric and knitted fabric swatches, from which we can create your desired laminate, but we can as well laminate the materials you supply. However, these materials must first undergo a range of tests. If the material passes all tests, we like to laminate it with our unique Nanomembrane.

DOUBLE-LAYERED LAMINATES



THREE-LAYER LAMINATES



THE BEST VAPOR PERMEABILITY IN THE WORLD



MOIRA

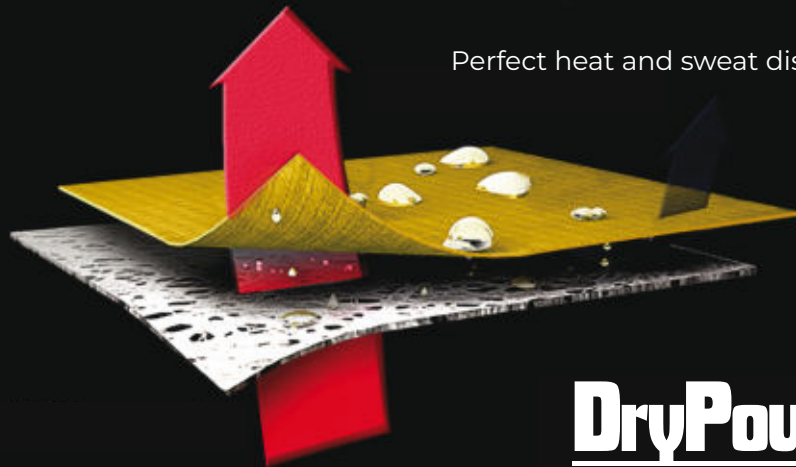
For the functional clothing segment, we could not find a better partner with greater competence. 30 years of research in functional fibers and knitted materials made the brand a clear choice. Therefore, our range of functional materials and clothing relies on the MOIRA brand, with which we have established an exclusive partnership.

MOIRA TG 900

The unique star-shaped fiber and special knitting technology is an icon in the world of functional clothing, and an important part of our products. Zero absorbency, excellent moisture wicking through increased fiber area and knitted structure that supports fiber function. Alongside military design these are the main reasons why CZ 4M products with MOIRA fiber are the best in the world.

DRYPOWER

Special material for the toughest conditions and intensive use. Thermally insulating material with better properties than previously developed fleece or softshell materials, with maximum ability to remove moisture from the user's body.



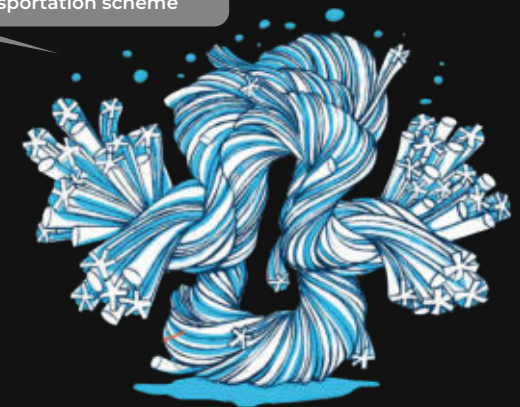
Perfect heat and sweat dissipation

DryPower®
MOIRA® Technology

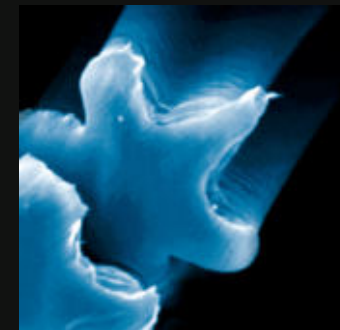
Details of MOIRA fibres



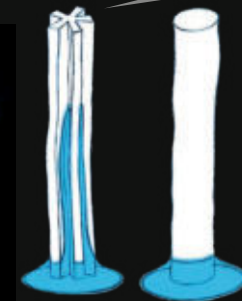
Moisture transportation scheme



Capillary Action



Macro Photography





Patented active safety technology ensures visibility in all weather conditions, including fog and rain for up to 5 km.

The SCILIF application can be used for clothing, vests, backpacks and other items of equipment that are required to protect maximum visibility.

Lateral light guides are a key element of technology SCILIF SunFibre. These are special light conducting polymer fibers which, in addition to light-transmitting capabilities, also allow controlled light emission from the light tube surface.

The fiber is embedded in a textile wrapper the Piping, which, among other things, improves light perception and significantly increases the mechanical resistance of the light tube and ensures its visibility into textiles.

SCILIF SunFibre Piping is lightweight, highly flexible, mechanically durable and washable, and easy to sewn into textiles.





BALLISTIC VESTS

The CZ 4M vests are always developed for a specific purpose. They are designed with an emphasis on maximum comfort while offering as much protection as possible. Vests are intensively tested by both the manufacturer and end users of the armed forces.

BALLISTIC VEST

CZ 4M SPIRIT OPEN

BALLISTIC VEST

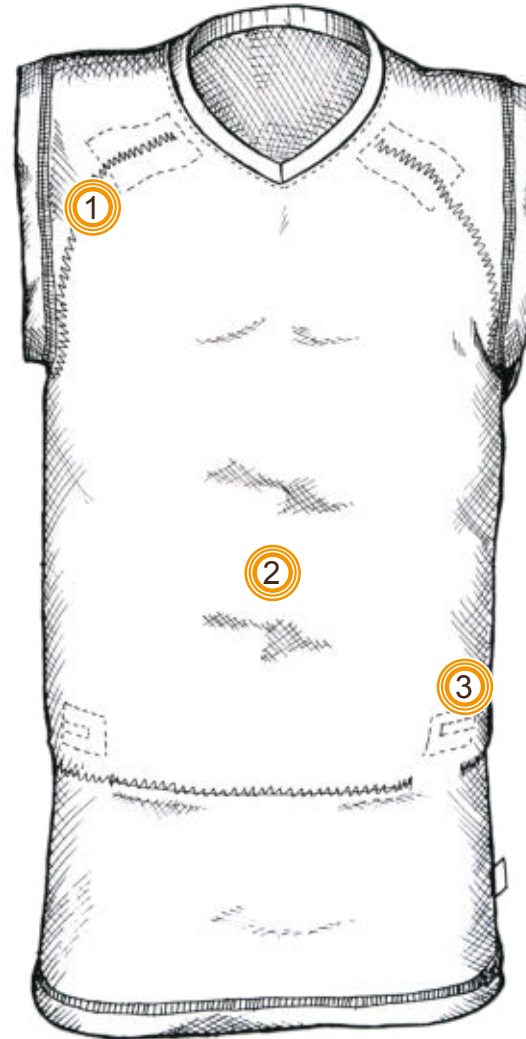
Ballistic T-shirt for covert wear with side opening. Suitable for everyday use requiring more frequent dressing and undressing.

- T-shirt design ensures maximum concealment.
- stable microclimate between the user's body and T-shirt
- tested under variable temperature conditions
- equipped with a side zipper to ensure stable position on the user's body.
- the shirt can be opened completely so dressing and undressing is very easy.
- the ballistic insert is contained in the inner pockets and its vertical stability is secured by a patented attachment solution.
- the back of the knit is made of polypropylene yarn, which is very pleasant to wear on bare skin, and ensures maximum moisture removal, as well as stable microclimate.
- air circulation is ensured by channels within the knitted fabric
- the outer side is resistant to mechanical influences such as velcro zippers, etc.



1. Ballistic inserts suspension
2. Functional material MOIRA
3. Side opening

The ballistic insert is placed in the inner pockets and its vertical stability is ensured by a patented solution whereby the front and rear plates are "suspended" on additional shoulder straps made of thin knitted fabric. In addition, it is also placed in a protective cover and secured against sliding. The T-shirt is made of MOIRA Diagon fibre. The wrong side of this knitted fabric is made of polypropylene yarn is weaved diagonally to create a fine ridged finish. When in contact with the body, the rows of the knitted stitches get stretched and the resulting channels aid the circulation of air, wicking capillary moisture away from the skin. The right side of the fabric is made of special polyamide microfiber which together with the elastomer creates a compact elastic surface that is resistant to mechanical effects.



<u>Ballistic protection, fragment and stab resistance</u>	<u>Area, weight and type of ballistic protection</u>	<u>Weight of textile</u>	<u>Colour</u>	<u>Size</u>
NIJ STD 0101.04 or 06 Level IIA or Level IIIA. STANAG 2920 with resistance V50 up to 550m/s HOSDB KR1/SP1 (E1-24J)	S-0,24 m ² - 0,81 Kg - TN 350 L-0,32 m ² - 1,24 Kg - TN 350 XXL-0,41 m ² - 1,58 Kg - TN 350	S-0,24 Kg L-0,29 Kg XXL-0,34 Kg	Black White FDE	S M L XL XXL

BALLISTIC VESTS

CZ 4M SPIRIT FLEXI

BALLISTIC VEST

Ballistic T-shirt for covert wear representing the most concealed version designed for maximum discreteness.

- T-shirt design is subject to maximum discreet wear
- stable microclimate between the user's body and T-shirt
- tested under variable temperature conditions
- flexible side sections allow easy and quick dressing and undressing
- fitted with very flexible side parts
- the ballistic liner is contained in the inner pockets and its vertical stability is secured patented attachment solution
- the reverse side of the knitted fabric is made of polypropylene yarn, which is comfortable on the bare body and ensures maximum moisture removal and stable microclimate
- air circulation is ensured by channels within the knitted fabric
- the outer side is resistant to mechanical damage such as velcro zippers, etc.

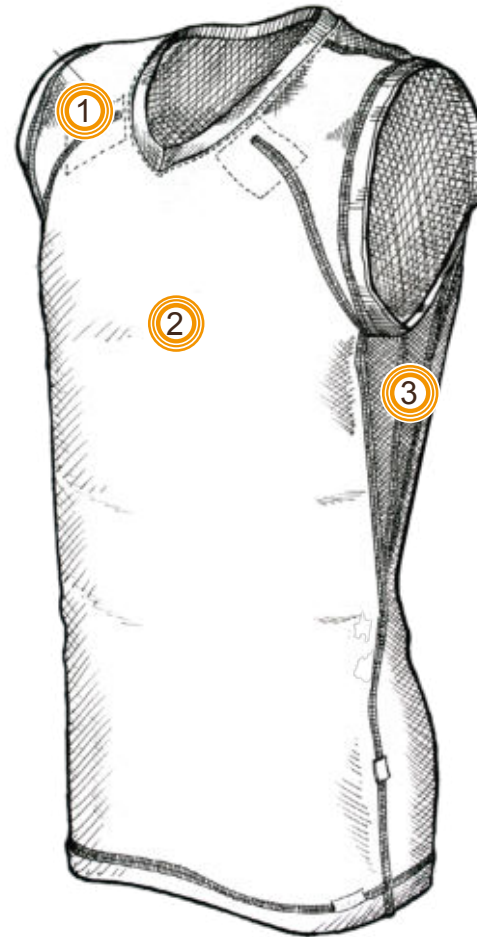


1. Ballistic inserts suspension
2. Functional material MOIRA
3. Extremely flexible side panels

The CZ 4M SPIRIT Flexi ballistic T-shirt belongs to a series of ballistic protective equipment with the most advanced ergonomic design for concealed wearing. The design of the T-shirt offers to maximum discreet wear required by undercover operations or personal protection. Careful selection of materials ensures a stable microclimate between the user's body and the T-shirt, so it can be used for a very long time in any variable climate conditions. FLEXI version is equipped with very flexible side parts. Flexible side sections allow easy and quick dressing and undressing.

The ballistic insert is fitted in the inner pockets and its vertical stability is ensured by a patented solution where the front and back inserts are "suspended" on the auxiliary shoulder straps of thin knitted fabric. At the same time, the ballistic material in its protective cover is also secured against sliding.

The T-shirt is made of MOIRA Diagon material. The reverse side of this knitted fabric is made of polypropylene yarn, which is diagonally laid in the overall knitwear architecture and forms a finely knurled structure. On contact with the body, due to the elasticity of the knitted fabric, the ribs move away from each other and the resulting channels promote air circulation, with good capilarity. The front side is made of special polyamide microfibre, which combines with the elastomer to create a compact elastic surface, resistant to mechanical damage.



Ballistic protection, fragment and stab resistance	Area, weight and type of ballistic protection	Weight of textile	Colour	Size
NIJ STD 0101.04 or 06 Level IIA or Level IIIA. STANAG 2920 with resistance V50 up to 550m/s HOSDB KR1/SP1 (E1-24J)	S-0,24 m2 - 0,81 Kg - TN 350 L-0,32 m2 - 1,24 Kg - TN 350 XXL-0,41 m2 - 1,58 Kg - TN 350	S-0,24 Kg L-0,29 Kg XXL-0,34 Kg	Black White FDE	S M L XL XXL

BALLISTIC VESTS



CZ **4M SPIRIT COMFORT** BALLISTIC VEST

**Ballistic T-shirt for covert wear with inner functional layer.
Suitable for physically demanding service, long time use and hot climatic conditions.**

- T-shirt is designed with the emphasis on maximum concealment
- stable microclimate between the user's body and T-shirt
- tested under variable temperature conditions
- flexible side sections allow easy and quick dressing and undressing
- the ballistic insert is contained in outer pockets
- the reverse side of the knitted fabric is made of polypropylene yarn, pleasant to wear on the bare body
- air circulation is ensured by channels inside the knitted fabric
- the outer side is resistant to mechanical damage such as velcro zippers, etc.



BALLISTIC VESTS

The CZ 4M SPIRIT Comfort ballistic T-shirt belongs to a series of ballistic protective equipment with the most advanced ergonomic design for concealed wearing. The design of the T-shirt is subject to maximum concealment required by undercover operations or personal protection. The COMFORT version is specially designed to be used for the longest possible time, even in very temperate climates, or during heavy physical exertion.

Ballistic inserts are placed in the outer pockets on the inner T-shirt made of MOIRA Diagon material. The reverse side of this knitted fabric is made of polypropylene yarn, which is diagonally laid in the overall knitwear architecture and forms a finely knurled structure. On contact with the body, due to the elasticity of the knitted fabric, the ribs move away from each other and the resulting channels promote air circulation, with capillary action. The front side is made of special polyamide microfibre, which combines with the elastomer to create a compact elastic surface, resistant to mechanical influences.

This unique material can utilize a very small space between the user's body and the ballistic liner and store moisture in the space to ensure a pleasant microclimate for 12 hours or more. When using an additional MOIRA Ultralight T-shirt, it is very comfortable to wear in any conditions. The COMFORT T-shirt is worn over the head and fastened to the body with a back elastic belt. This ensures its position on the body and maximum concealment with any outer layer of clothing (polo, shirt, business suit, etc.) The ballistic insert is attached in the inner pockets and its vertical stability is ensured by a patented solution where the front and back liners are "suspended" on the auxiliary shoulder straps of thin knitted fabric. At the same time, the ballistic material in its protective cover is also secured against sliding.



1. Ballistic insert suspension system
2. MOIRA performance material on body
3. Outer pockets for the ballistic insert



<u>Ballistic protection, fragment and stab resistance</u>	<u>Area, weight and type of ballistic protection</u>	<u>Weight of textile</u>	<u>Colour</u>	<u>Size</u>
NIJ STD 0101.04 or 06 Level IIA or Level IIIA. STANAG 2920 with resistance V50 up to 550m/s HOSDB KR1/SP1 (E1-24J)	S-0,24 m ² - 0,81 Kg - TN 350 L-0,32 m ² - 1,24 Kg - TN 350 XXL-0,41 m ² - 1,58 Kg - TN 350	S-0,24 Kg L-0,29 Kg XXL-0,34 Kg	Black White FDE	S M L XL XXL

BALLISTIC VESTS

CZ 4M VIP

BALLISTIC VEST FOR DISCREET WEAR

Versatile covert vest providing excellent body coverage, can be worn either under the clothes or on top of clothes as exterior vest. Allows to insert front ballistic plate up to level IV for additional protection.

- the outer material reduces the adhesion of the outer garment and is noiseless
- special Velcro zippers are gentle on clothing
- elastic parts of the vest are made of neoprene, which is UV resistant, durable and offers good flexibility.
- the vest is designed so that it does not create undesirable folds and is not visible in any position when worn
- Optionally, the CZ 4M VIP can be fitted with an Outlast® inner layer provides thermal regulation to special layer of aluminum nanofibers
- vest is equipped with a special pocket in front to add a ballistic panel against rifle ammunition up to Level IV NIJ



BALLISTIC VESTS

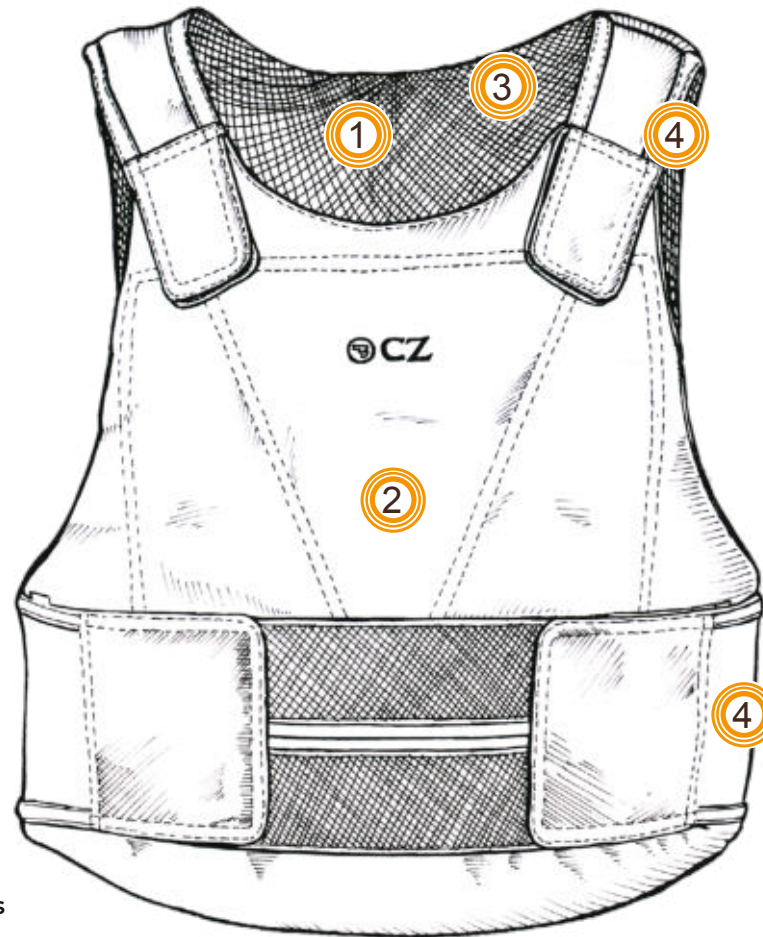
Discreet ballistic protection for concealed wear. Vest CZ 4M VIP is designed for everyday wear in patrol service, personal protection or investigating police teams.

The outer material of the vest with reduced flammability reduces the adhesion of the outer garment and is noiseless.

Special Velcro zippers are gentle on clothing, and elastic parts of the vest are made of neoprene, which is UV resistant, durable and offers good flexibility.

The vest is designed to not create undesirable folds and is not visible in any position when worn. Optionally, the CZ 4M VIP can be equipped with an Outlast® inner layer, which provides heat regulation thanks to a special layer of aluminum nanofibers.

The vest is equipped with a special pocket at the front to add a ballistic panel against rifle ammunition up to Level IV NIJ.



- 1. Optional Outlast material
- 2. Front panel pocket
- 3. Neoprene adjusting side parts



<u>Ballistic protection, fragment and stab resistance</u>	<u>Area, weight and type of ballistic protection</u>	<u>Weight of textile</u>	<u>Colour</u>	<u>Size</u>
NIJ STD 0101.04 or 06 Level IIA or Level IIIA. STANAG 2920 with resistance V50 up to 550m/s HOSDB KR1/SP1 (E1-24J)	S - 0,24 m ² - 0,81 Kg - TN 350 L - 0,32 m ² - 1,24 Kg - TN 350 XXL - 0,41 m ² - 1,58 Kg - TN 350	S - 0,24 Kg L - 0,29 Kg XXL - 0,34 Kg	Black White FDE	S M L XL XXL

BALLISTIC VESTS



CZ 4M HORNET

BALLISTIC VEST

Ballistic vest for covert or overt wear. Allows inserting front and back ballistic panels of all levels of protection and attaching the MOLLE platform for the installation of magazines on the vest.



Ballistic protection for universal use.

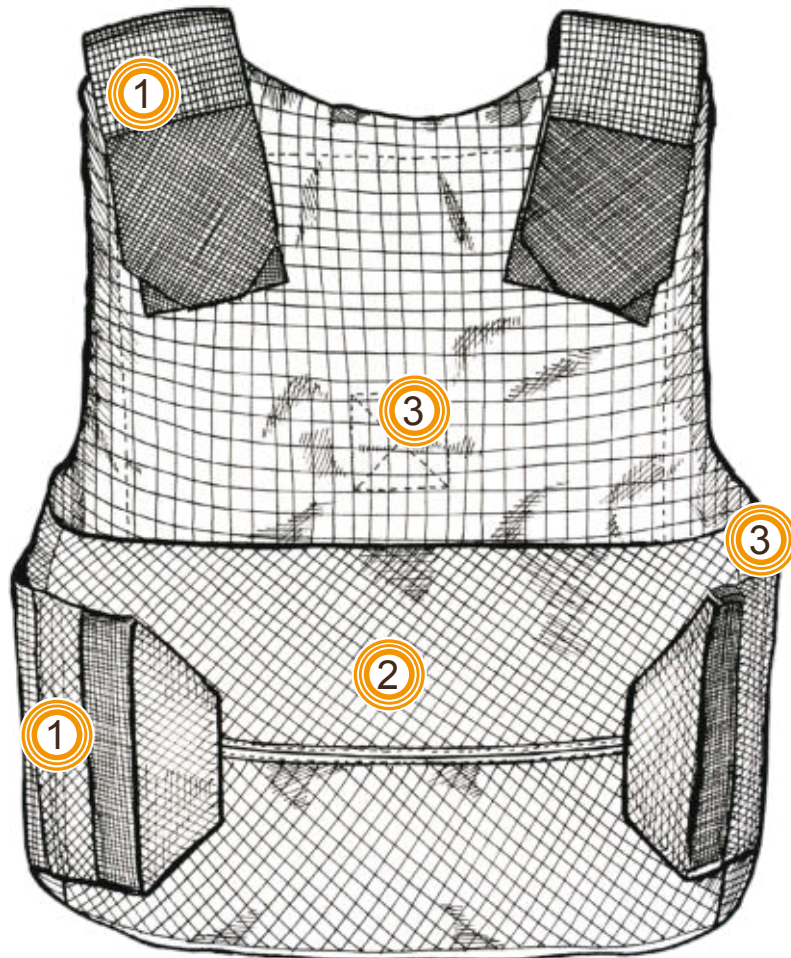
The CZ 4M HORNET vest is designed for everyday use for patrol or security service or for civil security agencies. It can be used both concealed and overt.

The outer material of the vest is easy to clean and care for.

The vest is designed as multi-size, i.e. the size can be adjusted to suit all common figures in one size. Optionally, the CZ 4M HORNET can be equipped with an internal 3D ventilation liner. It is removable and easy to clean.

The vest is equipped with a special pocket at the front and at the back to add ballistic panel against rifle ammunition up to Level IV NIJ.

BALLISTIC VESTS



1. Adjustable size at the front and back
2. Removable ventilation insert
3. Front and rear pocket for ballistic plates



<u>Ballistic protection, fragment and stab resistance</u>	<u>Ballistic protected area</u>	<u>Weight of textile</u>	<u>Colour</u>	<u>Size</u>
NIJ STD 0101.04 or 06 Level IIA or Level IIIA. STANAG 2920 with resistance V50 up to 550m/s HOSDB KR1/SP1 (E1-24J)	0,3 m2 - 1,65 Kg - TN 560	0,85 Kg	Black Red	Multi-size

CZ 4M HORNET 2.0

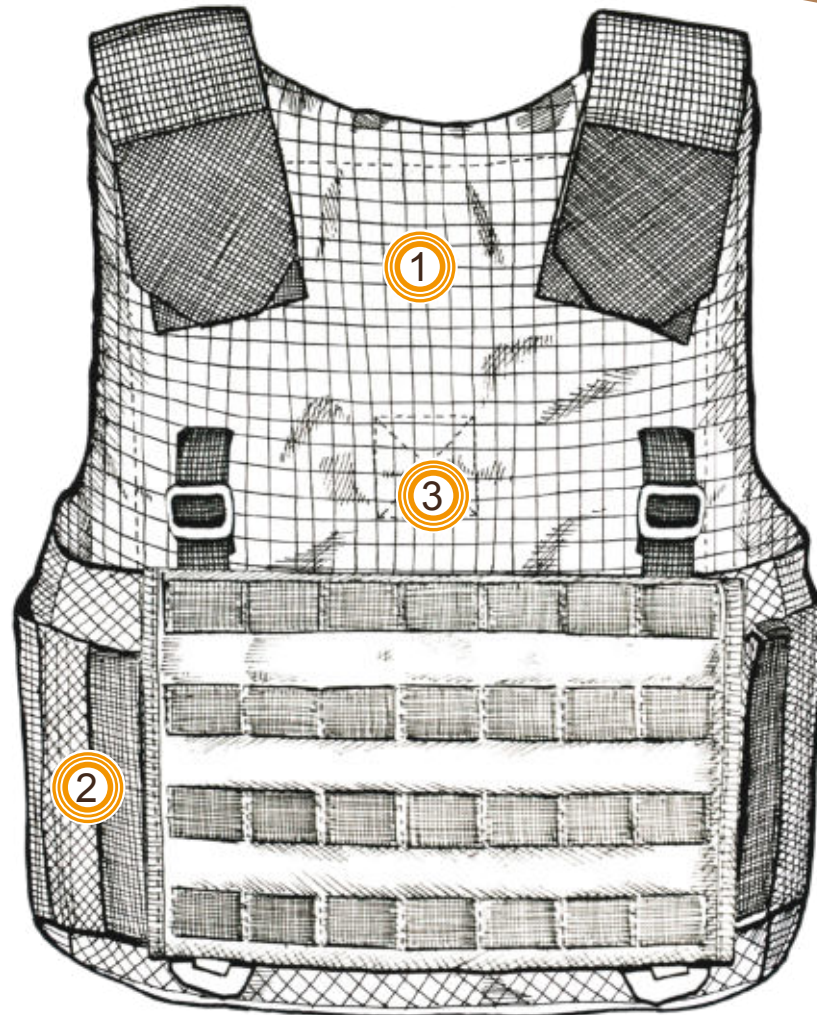
Ballistic protection for universal use. The CZ 4M HORNET vest is designed for everyday wear for patrol or security service or for civil security agencies. It can be used both concealed and overt. The outer material of the vest is easy to clean and care for. The vest is designed as multi-size, i.e. the size can be adjusted to suit all common body types in one size. Optionally, the CZ 4M HORNET can be equipped with an internal 3D ventilation liner. It is removable and easy to clean. The vest is equipped with a special pocket at the front and at the back to add ballistic panel against rifle ammunition up to Level IV NIJ.



BALLISTIC VESTS

- Can be used as concealed ballistic vest or external tactical vest
- Can be fitted with MOLLE attachment system for magazine pouches etc.
- Reinforced shoulder parts ensure safe wearing, even with front and rear ballistic panels
- Optionally the CZ 4M HORNET can be fitted with internal 3D ventilation insert, which can be removed and easily cleaned
- The vest also contains a front and rear pocket for ballistic panel against rifle ammunition, up to Level IV NIJ.

1. Front and rear pocket for plates
2. Adjustable size at the front and back
3. Removable ventilation insert



<u>Ballistic protection, fragment and stab resistance</u>	<u>Area, weight and type of ballistic protection</u>	<u>Weight of textile</u>	<u>Colour</u>	<u>Size</u>
NIJ STD 0101.04 or 06 Level IIA or Level IIIA. STANAG 2920 with resistance V50 up to 550m/s HOSDB KR1/SP1 (E1-24J)	0,3 m2 - 1,65 Kg - TN 560	0,85 Kg	Black Green	Multi-size

BALLISTIC VESTS

CZ 4M SPIDER 2.0

Universal tactical carrier with the option to insert ballistic protection, designed for security, military or rescue.



TACTICAL

For military and security use.



SUNFIBRE

With SCILIF technology active illuminated security element for police and rescue services.



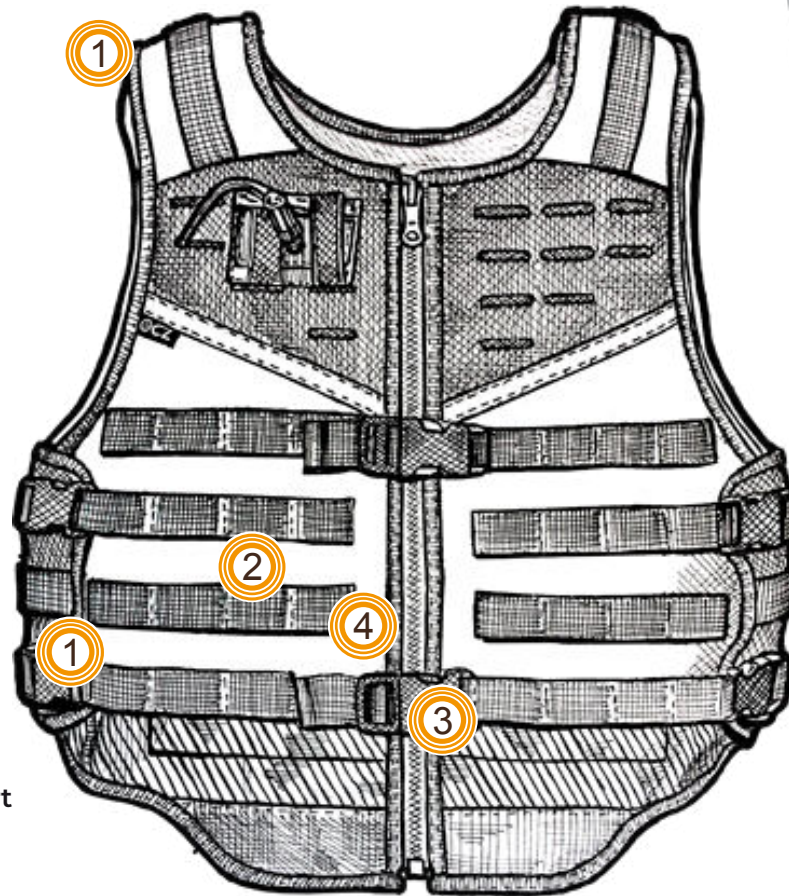
REFLEX

With reflective elements and velcro panels for placing police or security services signs.



BALLISTIC VESTS

- the CZ 4M SPIDER 2.0 is a unique version of tactical vest, which allows insertion of soft ballistic inserts and also of ballistic hard plates level III or IV.
- the CZ 4M SPIDER 2.0 can be used as a conventional tactical vest with equipment mounted using MOLLE binding. If necessary, the vest can be easily and quickly equipped with a soft ballistic inserts and hard plates while opening the front zipper.
- the zipper solution does not limit the protective properties of the vest.
- the vest is constructed of breathable material based on heavy duty mesh.
- this ensures the possibility of use in hot climates. The vest allows height and circumference adjustment.
- the rear is equipped with an emergency handle, which can be used for emergency transport of a person from a dangerous place.



1. Size setting
2. Removable ballistic insert
3. 2D Mesh
4. Front Opening



<u>Ballistic protection, fragment and stab resistance</u>	<u>Area, weight and type of ballistic protection</u>	<u>Weight of textile</u>	<u>Colour</u>	<u>Size</u>
NIJ STD 0101.04 Level IIIA. STANAG 2920 with resistance V50 up to 550m/s HOSDB KR1/SP1 (E1-24J)	0,3 m2 - 1,65 Kg - TN 560	0,85 Kg	Black Red Green Multicam Hi-Vis Yellow	S/M, L-XL, XXL-XXXL

BALLISTIC VESTS

CZ 4M STRIKER

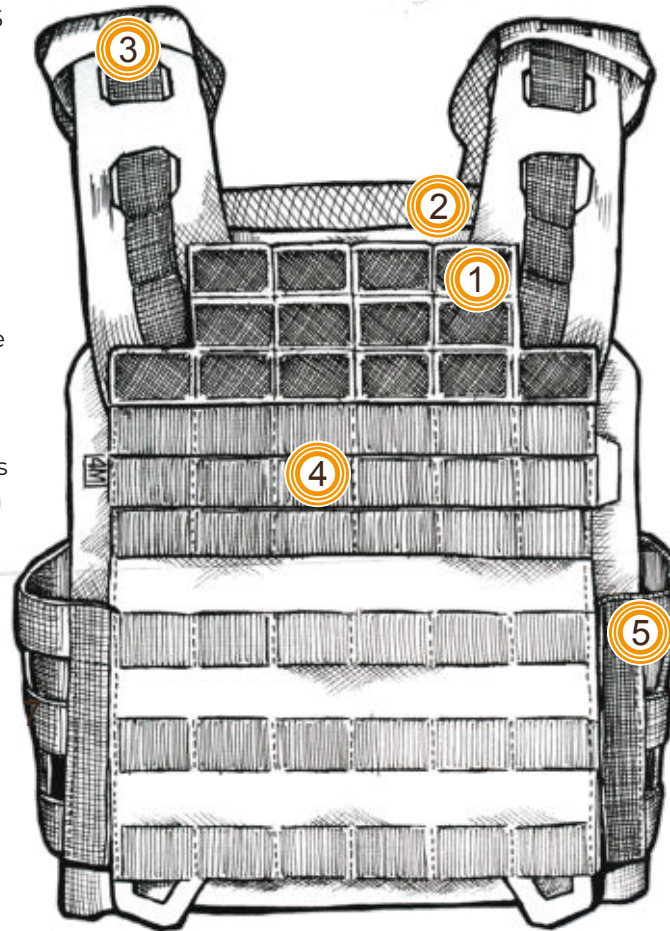
PLATE CARRIER

One of the lightest and most durable plate carriers.
Weight of only 750 g while maintaining high durability and strength.



BALLISTIC VESTS

- shoulder straps are constructed of Hypalon® and a 25 mm strap
- hydration bag tubes or radio cables can be attached to the straps with additional buckles
- body circumference adjustment via the MOLLE system on the back of the vest
- the front platform is exchangeable and with possibility to attach various types of pouches
- the front platform can be replaced by a platform with integrated M4 magazine pouches
- 3D interior material to improve ventilation and reduce trauma effect
- possibility of insertion of different sizes and shapes of ballistic plates with patented system for their fixation
- side parts are made of reinforced straps, which thanks to their construction keep even fully loaded holders in position
- elastic segments in the side fronts adapt to the body circumference during movement and increase comfort of wear
- vest is supplied without ballistic inserts, which are offered as a separate product
- emergency handle at the rear of the carrier



1. MOLLE system
2. 3D Ventilation liner
3. Adjustable size
4. Removable front panel
5. Lightweight sides



<u>Ballistic protection, fragment and stab resistance</u>	<u>Area, weight and type of ballistic protection</u>	<u>Weight of textile</u>	<u>Colour</u>	<u>Size</u>
NIJ STD 0101.04 or 06 Level IIIA + panel Level IV ICW. or Level IV StandAlone STANAG 2920 with resistance V50 up to 550m/s	0,14 m ² - 0,78 Kg - TN 560 0,25 m ² - 1,38 Kg - TN 560 2 x 0,07 m ² - 1,7 Kg - panel Level III++ 2 x 0,07 m ² - 2,1 Kg - panel Level IV	S-L - 0,75 Kg	Black Multicam® FDE Multicam black	S-L XL-XXL

BALLISTIC VESTS



CZ 4M RAPTOR 2.0 MODULAR BALLISTIC SYSTEM

CZ 4M RAPTOR 2.0 is a unique modular system for the most demanding combat or special operations. As a compact modular system it is designed especially for operators of special and emergency units.



Option A/B*



Option C



Option D



Option E

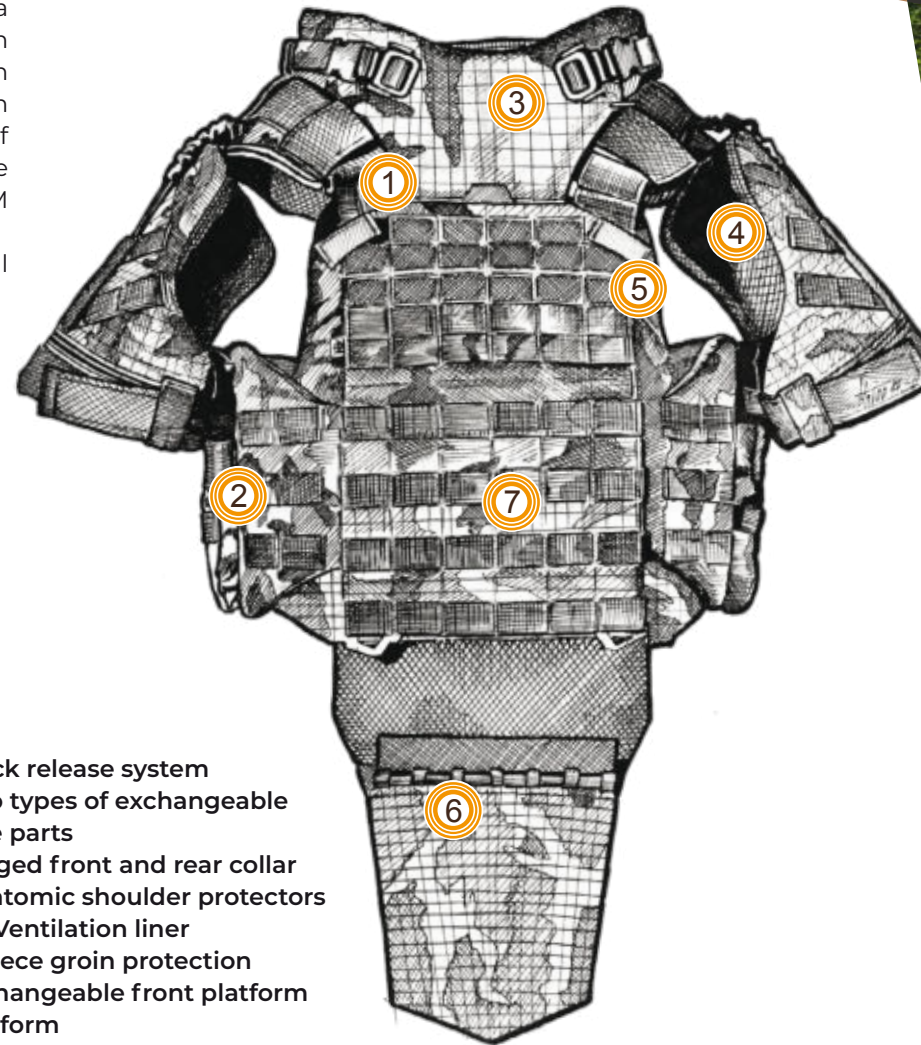


* Option A is the same as Option B, but without ballistic sides.

BALLISTIC VESTS

The RAPTOR 2.0 meets the requirements for a lightweight and highly mobile plate carrier. It can be changed to tactical body armor protection with additional equipment. The level of protection is modularly selectable according to the type of unit, the function of the wearer in a team or the current situation. The configuration of the CZ 4M RAPTOR 2.0 system is possible in minutes. The vest can be completed with an MTB® tactical ballistic belt and a set of FBS® thigh protectors.

- quick release system ensures reliable vest disintegration even in full configuration
- HCP® neck protector allows to use with a helmet
- 3-piece groin protector suitable for use in the vehicle
- lower back protector
- compatible with MTB® tactical ballistic belt
- compatible with the 25x30 front and back hard plates and 20x15 side hard plates
- ballistic protected area in full configuration in size L 0.79m²



1. Quick release system
2. Two types of exchangeable side parts
3. Hinged front and rear collar
4. Anatomic shoulder protectors
5. 3D Ventilation liner
6. 3-piece groin protection
7. exchangeable front platform platform



<u>Ballistic protection, fragment and stab resistance</u>	<u>Area, weight and type of ballistic protection</u>	<u>Weight of textile</u>	<u>Colour</u>	<u>Size</u>
NIJ STD 0101.04 or O6 Level IIIA + panel Level IV ICW, or Level IV StandAlone STANAG 2920 with resistance V50 up to 550m/s HOSDB KR1/SP1 (E1-24J)	L-XL - Variant A - 0,21 m ² - 1,16 Kg - TN 560 L-XL - Variant C - 0,49 m ² - 2,70 Kg - TN 560 L-XL - Variant E - 0,78 m ² - 4,30 Kg - TN 560 2 x 0,07 m ² - 2,4 Kg - Level IV	L-XL - Variant A - 1,33 Kg L-XL - Variant C - 2,10 Kg L-XL - Variant F - 2,35 Kg	Black Multicam® FDE Vz. 95 Forest Multicam black	S-M L-XL XXL-XXXL

CZ 4M LANCER

BALLISTIC VEST

Option C



CZ 4M LANCER represents the most advanced ballistic protection for high-risk operations.

- patented vest fastening system ensures firm and accurate fastening
- Individual size adjustment according to the user's needs
- quick release system ensures reliable vest disintegration even in full configuration
- removable 3D inserts for heat and vapor removal
- HCP® neck protector for use in prone shooting position
- 3-piece groin protector suitable for use in the vehicle
- fully compatible with MTB® tactical ballistic belt
- possibility to insert standard SAPI 25x30cm and side panels measuring 20x15cm
- the LANCER ballistic vest has in its full configuration a total area of ballistic protection measuring L 0.73m²

Option A

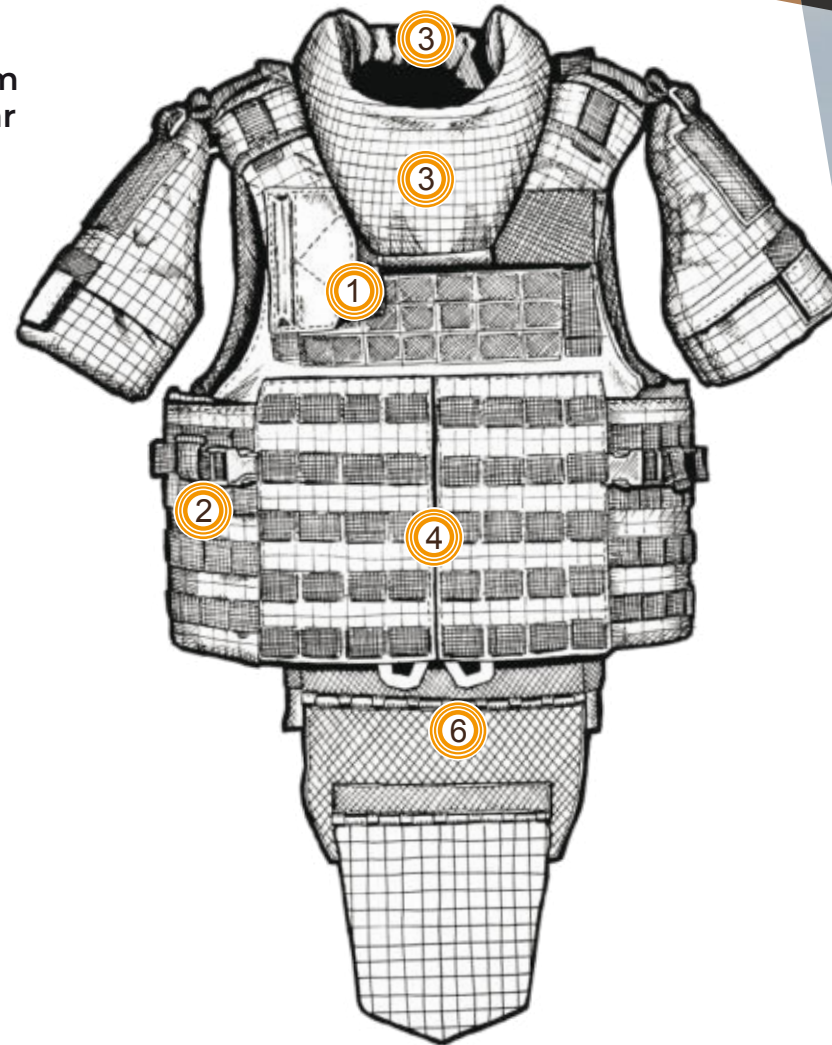


Option B



BALLISTIC VEST

1. Quick release system
2. Sizing configuration system
3. Hinged front and rear collar
4. 2-piece front platform
5. 3-piece groin protection



- maximum protection is associated with the unique anatomical design of the vest, which distributes its weight on the chest and back of the user.
- this avoids shoulder overloading as other competing products do
- this feature is also supported by a patented vest fastening system that provides a firm, accurate fit and size adjustment to suit the user's current needs.
- at the same time, it is possible to use the classic system of vest tensioning using the front Velcro panels.

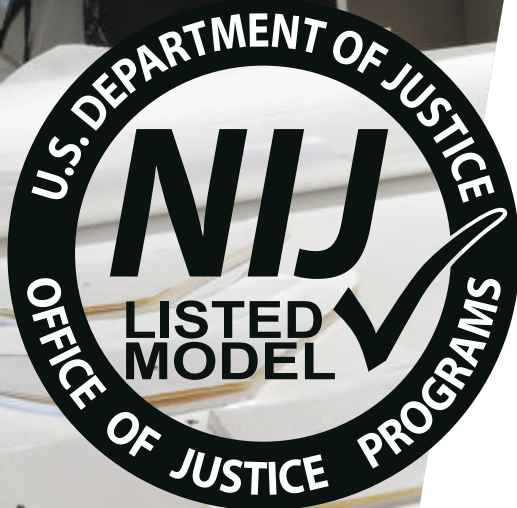


<u>Ballistic protection, fragment and stab resistance</u>	<u>Area, weight and type of ballistic protection</u>	<u>Weight of textile</u>	<u>Colour</u>	<u>Size</u>
NIJ STD 0101.04 or 06 Level IIIA + panel Level IV ICW. or Level IV StandAlone STANAG 2920 with resistance V50 up to 550m/s HOSDB KR1/SP1 (E1-24J)	L-XL - Option A - 0,21 m ² - 1,16 Kg - TN 560 L-XL - Option B - 0,49 m ² - 2,70 Kg - TN 560 L-XL - Option C - 0,78 m ² - 4,30 Kg - TN 560 2 x 0,07 m ² - 2,4 Kg - Level IV	L-XL - Option A - 1,33 Kg L-XL - Option B - 2,10 Kg L-XL - Option C - 2,35 Kg	Black Multicam® FDE Czech Camo MIMIK® Multicam black	S-M L-XL XXL-XXXL

hardtimegear.com







Ballistic inserts are an integral part of ballistic vests. They are stored their own cover that protects them from contact with UV radiation, dust, and especially water and air humidity. Inserts can perform a variety of tasks; in particular, to protect against pistol ammunition. It also protects the user against the effects of fragments and explosive devices. They can also be made with increased protection against stabbing and cutting weapons. Ballistic inserts together with the textile carrier of the vest significantly contribute users comfort.

The size of the ballistic insert and hence the protective surface depends on the type of vest and its purpose. It usually ranges from 0.28 m² for concealed wear vests to 0.9 m² for tactical vests for the most risky operations. Ballistic inserts are most often tested according to American standards NIJ 0101.04 and NIJ 0101.06, but it is possible to develop and deliver inserts according to standards DSTL , ČSN 39 5360 (TBO, TON), VPAM or GOST. In cooperation with 4M Systems a.s., Česká zbrojovka a.s. has been certified according to NIJ 0101.06 in the protection level IIIA for the HW490 ballistic insert. The HW490 insert has undergone rigorous testing in the US to simulate military wear and thus meet the strictest ballistic protection standards.

Currently, we are the only manufacturer in the Czech Republic that is listed on the list of certified manufacturers according to NIJ 0101.06 (https://www.justnet.org/compliant/ballistic_cpl.html)

Name of ballistic vest	BALLISTIC LINERS							
	NIJ 0101.06 3A	NIJ 0101.04 LEVEL 3A					NIJ 0101.04 2A	HOSDB KR1/SP1(24J)
	HW490	DY460	TN500	TN510	TN560	FM550	TN350	FT330
SPIRIT	X		X				X	X
VIP	X	X						X
RAPTOR	X			X	X	X		
LANCER	X			X	X	X		
HORNET					X	X		
SPIDER		X		X	X		X	X
STRIKER						X		

BALLISTIC INSERTS

BALLISTIC INSERTS

<u>Insert type</u>	<u>Protection level</u>	<u>Standard</u>	<u>Material weight</u>	<u>Material</u>	<u>Used in CZ 4M</u>	<u>Basic calibres</u>	<u>Additional tests</u>
HW490	IIIA	NIJ 0101.06	4900 g/m ²	Honeywell	LANCER, RAPTOR 2.0, SPIRIT, HORNET, VIP	.44 Mag, .357 Mag, .40 S&W, 9x19 Luger	9 mm Action Effect
FT 330	KR1/SP1	HOSBD 2017	3300 g/m ²	Aramid - FMS / Honeywell	SPIRIT VIP SPIDER	Stab Protection	
TN 350	IIA	NIJ 0101.04	3500 g/m ²	Aramid - Teijin / Twaron	SPIRIT, VIP	9mm a .40 S&W	9 mm Action Effect
TN 500	IIIA	NIJ 0101.06	5000 g/m ²	Aramid - Teijin / Twaron	SPIRIT VIP	.44 Mag .357 Mag, .40 S&W, 9x19 Luger	
TN 560	IIIA	NIJ 0101.04	5600 g/m ²	Aramid - Teijin / Twaron	SPIDER, HORNET LANCER RAPTOR 2.0	.44 Mag .357 Mag, .40 S&W, 9x19 Luger	9x18 FMJ (CP/Pbj.) 9x19 ACTION 5 7,62x25 FJ(2)
DY460	IIIA	NIJ 0101.04	4600 g/m ²	Dyneema Polyethylene	VIP	.44 Mag .357 Mag, .40 S&W, 9x19 Luger	
FM 540	IIIA	NIJ 0101.04	5400 g/m ²	Polyethylene - FMS	LANCER RAPTOR 2.0	.44 Mag .357 Mag, .40 S&W, 9x19 Luger	
FM 550	IIIA	NIJ 0101.04	5500 g/m ²	Aramid - FMS	CORSAC HORNET	.44 Mag .357 Mag, .40 S&W, 9x19 Luger	7,62x25 FJ(2)
FM 395	GOST 1	GOST	3950 g/m ²	Polyethylene - FMS	CORSAC HORNET	9 mm Makarov	
TY 710	IIIA	NIJ 0101.04	7100 g/m ²	Polyethylene	HORNET	.44 Mag .V50 .9mm Luger	9x19 Luger 614,4 m/s

BALLISTIC PANELS



BALLISTIC PLATES

Ballistic plates serve as protection against rifle ammunition, including sniper and machine gun ammunition. Ballistic plates are usually inserted into pockets in the front and back of the ballistic vest. Smaller side ballistic plates (15x15 or 20x15) are used for the side protection of the user. Ballistic plates are usually tested according to US standard NIJ 0101.04 or more recently NIJ 0101.06. It is possible to supply ballistic plates tested in accordance with other international standards such as HOSDB, GOST, VPAM, TBO and others, providing protection against pistol and rifle ammunition. Most of our plates are designed as "multishot", i.e. able to stop 3 to 6 hits (see panel table).

BALLISTIC PLATES

<u>Plate class</u>	<u>Standard</u>	<u>Plate type</u>	<u>Weight</u>	<u>Dimensions mm</u>	<u>Material</u>	<u>Thickness</u>	<u>Basic calibre</u>
III++	NIJ 0101.06	ICW	1,75	250x300	SIC	24mm	"5,56x45 NATO (SS109, M855, M193) .223 Remington 7,62x39 MSC"
III++	NIJ 0101.04	ICW	2,50	250x300	SIC	20mm	" 5,56x45 NATO (SS109, M855, M193) .223 Remington 7,62x39 AP "
III++	NIJ 0101.04	ICW Side plate	1,06	200x150	SIC	18mm	"5,56x45 NATO (SS109, M855, M193) .223 Remington 7,62x39 MSC"
IV	NIJ 0101.04	ICW	2,40	250x300	SIC	18mm	3x "30-06 M2AP"/6x "7,62x39 API BZ"/ 6x "7,62x51 AP M61"/6x "5,56x45 SS 109"
IV	NIJ 0101.04	ICW	2,85	250x300	SIC	20mm	2x "30-06 M2AP"/6x "5,56x45 SS 109"
IV	NIJ 0101.04	Stand-Alone	2,50	250x300	SIC	30mm	1x "30-06 M2AP"/ 6x "7,62x39 API BZ"
IV	NIJ 0101.04	Stand-Alone	2,90	250x300	AL203	30mm	6x "7,62x54 R"
IV	NIJ 0101.04	Stand-Alone Side plate	1,37	200x150	AL203	30mm	
IV	NIJ 0101.04	Stand-Alone	3,95	290x370 (XL Size)	SIC	24mm	"7,62x39 MSC/5,56x45 NATO (M855, SS109) 7,62x51 NATO/7,62x54R/7,62x54R typ B32 30-06 M2 AP"

"STAND-ALONE"

The panel is designed for use without a ballistic insert.
This type of panel retains all energy and fragments separately when hit.

"ICW"

The panel is designed for use in conjunction with a ballistic insert. It is lighter, thinner and cheaper than the STAND ALONE variant.

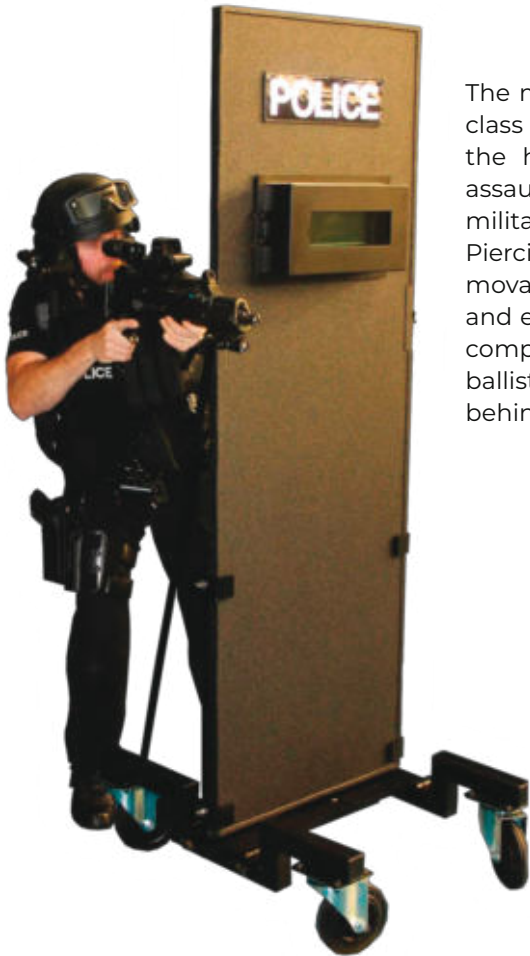
**BALLISTIC
SHIELDS**



BALLISTIC SHIELDS

CZ 4M ATTACK BALLISTIC SHIELD

The mobile ballistic shield in the highest class of ballistic resistance is designed for the highest possible protection of the assault team member against most military rifle caliber including AP (Armor Piercing) ammunition. It is placed on a movable platform that provides stability and easy maneuverability even in slightly complicated terrain. The shield is flat, with ballistic resistant glass for a safe view from behind the shield.



CZ 4M DEFENDER BALLISTIC SHIELD

Classical ballistic shield for intervention units and police risk operations. It is equipped with a visor of the same ballistic resistance as the shield. Ergonomic handles facilitate handling and increase unit mobility. The shield can also be manufactured in various resistances and dimensions according to customer requirements. Availability and variants on request.



<u>Ballistic protection</u>	<u>Weight</u>	<u>Accessories</u>	<u>Ballistic protection</u>	<u>Weight</u>	<u>Dimensions</u>	<u>Accessories</u>
NIJ IV according to NIJ 0108.01 7.62 x 51mm AP (M2AP) 878 m/sec 7.62 x 54R mm LPS Druganov 700 m/sec 7.62 x 51mm Nato Ball 840 m/sec 7.62 x 39mm AK47 MSC 740 m/sec 5.56 x 45mm SS109 990 m/sec	21 kg	LED and Infrared light, POLICE lettering or other by request	Level IIIA NIJ 0108.01 Level III+ NIJ 0108.01	4,5kg with viewport 6,0kg with viewport 10,5kg with viewport 12,4kg with viewport	510 x 865 mm 610 x 915 mm 510 x 865 mm 610 x 915 mm	LED and Infrared light, transport case.

BALLISTIC SHIELDS

CZ 4M POLICE Tactical BALLISTIC SHIELD

The smallest ballistic shield from the family of CZ 4M shields. Weigh only 1.2 kg, with its compact ergonomic design, the shield is suitable for use in confined spaces, in vehicles or as an emergency shield for frontline police patrols.

Thanks to heavily padded ergonomic strap handles and the asymmetrical design, they ensure the correct position of the shield when carried.



Meets requirements for protection also against

9mm+P+, 127 grain Supreme Expansion Technology (SXT)
 .357SIG, 115 grain Jacketed Hollow Point (JHP)
 .357SIG, 125 grain Gold Dot Hollow Point (GDHP)
 .40 cal., 95 grain Agulia
 9mm Focchi, 115 grain FMJ
 5.72x28mm, 40 grain Hornady V-Max (Blue Tip)
 5.7x28mm, 27 grain SS195 Lead free Hollow Point (LFHP)
 7.62x25mm, 95 grain TOKAREV FMJ

CZ 4M RESPONDER BALLISTIC SHIELD

The RESPONDER ballistic shield is a multi-functional and lightweight shield that also provides protection against rifle ammunition.

It is designed for both right and left handed use.

The arrangement of the handles allows the shooter to vary the position of the shield differently depending on the conditions and location of use.

This allows the shield to be used for dynamic entry, hostage rescue or riot operations. The shield design allows use as a possible support when using a long weapon.



Ballistic resistance

(in III+ level, all shields protect against these calibres):

NIJ III+ performance
 - 7.62x51 NATO Ball (M80)
 - 7.62x39 123 gr AK47 MSC
 - 5.56x45 55gr M193
 - 5.56x45 62gr Federal Bonded (LE223T3)

<u>Ballistic protection</u>	<u>Weight</u>	<u>Dimensions</u>	<u>Colour</u>	<u>Accessories</u>	<u>Ballistic protection</u>	<u>Dimensions and weight</u>	<u>Accessories</u>
NIJ IIIA according to NIJ 0108.01 .357 Sig 125gr FMJ 441 m/s .44 Mag 240gr SJHP 441 m/s Resistant to repeated shots. Option to upgrade ballistic protection to NIJ III against rifle ammunition.	1,2 Kg.	400 x 500 mm	Black, ACU, multi-cam, as required.	LED and IR light, transport case, POLICE lettering or other on request	Level IIIA according to NIJ 0108.01 Level III+ according to NIJ 0108.01 including: 7,62x51 Nato Ball(M80), 5,56x45 55gr M193, 5,56X45 62gr Federal Bonded (LE223T3) Level III+ including 7,62x39 123gr AK47 MSC	NIJ III.A - 780mm x 540mm 3.8kg NIJ III+ - 780mm x 540mm 7.0kg according to NIJ 0108.01	Transport case.

BALLISTIC SHIELDS



**BALLISTIC
HELMETS**



BALLISTIC HELMETS

CZ 4M DELTA

BALLISTIC HELMETS



The CZ 4M DELTA helmet is designed for members of special units. It is maximally lightweight with the lowest shell profile. This guarantees the widest viewing angle. The ultra-low profile is fully compatible with a wide range of communication devices, hearing protection and tactical goggles. Allows easy mounting of night vision goggles (NVG). It is compatible with a wide range of gas masks. The helmet is made of aramide material, ensuring the low weight and durability of the helmet. The helmet provides protection from small arms projectiles and fragments from grenades and explosive devices.

This model is equipped with:

- side rails for mounting lamps, beacons and visor holders
- NVG mount for night vision goggles The mount is compatible with all NVG types used within NATO
- BOA fastening system for the strongest and comfortable fixation of the helmet on the operator's head so that the NVG is always in place. A lifetime warranty on clamps is a matter of course
- Adjustable inner 4D memory foam pads for a perfect helmet fit when used with NVG, all day wear comfort and hearing protection compatibility



<u>Ballistic protection</u>	<u>Weight</u>	<u>Colour</u>	<u>Helmet sizing</u>	<u>Accessories</u>	<u>Harness systems</u>
Level II.A NIJ 0106.01 or Level IIIA NIJ 01.01.06 Fragmentation protection V50 650m/sec STANAG 2920 (17gr FSP) US MIL STD 662F	1150 g.	Black, Green, Sand, Multicam., IR specification	Small Medium Large X-Large	NVG mount on the front Picatinny rails on the sides FLEXI rubber cords to hold NVG Velcro pads for ID attachments Ballistic visor Helmet transport case	OMEGA SIGMA BOA

CZ 4M SRS

PROTECTION HELMETS



The CZ 4M SRS is the perfect helmet for training or operational use where it is impossible or unnecessary to use a ballistic helmet. The CZ 4M SRS is an extremely lightweight and highly durable helmet with good ventilation that protects the user from blunt impacts and falls. The user can use the mounts for all the equipment as used in the Delta helmet. Together with the inner pads and optional BOA fastening system, it is the perfect solution for specialized military or security teams. The helmet is a true-to-life copy of the Delta helmet with all its advantages. It is fully compatible with a wide range of communication devices, goggles and protective equipment. Allows easy mounting of night vision goggles (NVG). It is compatible with a wide range of gas masks.



<u>Weight</u>	<u>Colour</u>	<u>Helmet sizing</u>	<u>Accessories</u>	<u>Harness systems</u>
718.g.	Black, coyote, khaki, multicam, other on request	Medium, Large, X-Large	NVG mount on the front Picatinny rails on the sides FLEXI rubber cords to hold NVG Velcro pads for ID attachments Helmet transport case	SIGMA BOA





CZ 4M MICH MID

BALLISTIC HELMETS

The CZ 4M MICH MID uses the same shell as the MICH helmet, but has a reduced edge profile to allow the use of as many types of communication devices as possible. The CZ 4M MICH MID has a lower weight, lower back and side edges. The front plain and allows an easy installation of night vision goggles (NVG). The overall low profile ensures excellent compatibility with communication equipment including hearing protection and intercom. It is compatible with a wide range of gas masks. The helmet is made of aramide material, which ensures low weight and durability of the helmet. The helmet provides protection from small arms projectiles and fragments from grenades and explosive devices. The four-point attachment straps are fixed to the helmet with ballistic-resistant screws. Perfect stability, fastening and comfort are ensured by the right strap system and the inner lining system. The helmet is available in three variants of the harness and inner lining: OMEGA, SIGMA and BOA.



<u>Ballistic protection</u>	<u>Fragmentation protection</u>	<u>Colour</u>	<u>Weight of shell</u>	<u>Accessories</u>	<u>Helmet sizing</u>	<u>Harness systems</u>
The MICH helmet is available in protection level NIJ IIIA.	V50 700 m/s according to STANAG 2920 (17gr FSP) and US MIL STD 662F. Meets and exceeds the US ACH MIL SPEC V50 for 2, 4, 16, 64 17gr fragment.	Standard colours are Black, Navy, Blue and Olive Other colours are available on request, including IRR coating	1150gr	NVG mount on the front Picatinny rails on the sides FLEXI rubber cords to hold NVG Velcro pads for ID attachments Helmet transport bag	Medium Large X-Large.	OMEGA SIGMA



CZ 4M MICH

BALLISTIC HELMETS

The CZ 4M MICH helmet has a reduced weight and reduced profile around the perimeter. The low profile ensures excellent compatibility with communication equipment, gas mask and especially with night vision device (NVG). The helmet is made of polyamide material and provides robust protection against small arms, grenade fragments and explosive devices. The four-point attachment straps are fixed to the helmet with ballistic-resistant screws. Perfect stability, fastening and comfort are ensured by the right strap system and the inner padding system. The helmet is available in three variants of the harness and inner padding: OMEGA, SIGMA and BOA.



<u>Ballistic protection</u>	<u>Fragmentation protection</u>	<u>Colour</u>	<u>Weight of shell</u>	<u>Accessories</u>	<u>Helmet sizing</u>	<u>Harness systems</u>
The MICH helmet is available in protection level NIJ IIIA.	V50 700 m/s according to STANAG 2920 (17gr FSP) and US MIL STD 662F. Meets and exceeds the US ACH MIL SPEC V50 for 2, 4, 16, 64 17gr fragment.	Standard colours are Black, Navy, Blue and Olive Other colours are available on request, including IRR coating	1179g	NVG mount on the front Picatinny rails on the sides FLEXI rubber cords to hold NVG Velcro pads for ID attachments Helmet transport bag	Medium Large X-Large.	OMEGA SIGMA

FASTENING SYSTEMS (variants):

OMEGA

- four-point harness with internal mesh. Ensures a secure and firm fit on the head while providing very good ventilation.

SIGMA

- four-point harness system with two-way fastening. It features a nape protector and lighter straps. The inside of the helmet is equipped with pads with two selectable sizes 19 mm and 26 mm (pad height).

BOA

- the four-point harness system with quick and smooth BOA fastening adjustment for the fastest and comfortable fixation of the helmet to the operator's head ensures that the NVG is always in place and the helmet does not move. A lifetime warranty on harness fasteners and ease of use even with gloves.

Two variants of inner pads can be used with BOA fastening:

- Adjustable inner 4D memory foam pads for ideal helmet fit when used with NVG, maximum all-day wear comfort and maximum hearing protection compatibility
- Standard foam pads - 7-piece set with two optional padding heights of 19 mm and 26 mm. Thanks to VELCRO attachment, the position of the lining can be changed according to the type of hearing protection used.



BOA



OMEGA



SIGMA



**BACKPACKS AND
WEAPON BAGS**



BACKPACKS AND WEAPON BAGS

CZ 4M ONE DAY TACTICAL BAG 25

TACTICAL BACKPACK

The CZ 4M OTB 25L is the smallest backpack of the CZ 4M family.

It is designed for urban operations or short day patrols in the operating environment.

The backpack is clearly divided into several compartments, which ensure easy access to all equipment and separate storage of small equipment.

Both the main compartment and the two front smaller compartments are equipped with smaller well arranged organizers/pockets.

The back system with Tubular Stripes™ ensures ventilation and a secure backpack position in any situation and position of the user.

Front laser cut MOLLE systems on the front of the backpack for easy attaching of small accessories, on the sides of the strength strap MOLLE systems for attaching heavier equipment and pockets with ammunition.

Compression straps reduce the volume of the backpack and allow the quick temporary attachment of the equipment to the backpack. In case of damage to the main zipper, they close the main compartment.

The backpack is equipped with all standard accessories such as removable hip belt, chest length and height adjustable strap, and anatomically padded carrying straps, opening for antenna, radio and camelbag tubes, waterproof zipper.

BACKPACKS AND WEAPON BAGS

1. Tubular Stripes™ back system
2. Three compartments
3. MOLLE front binding
4. MOLLE side strength binding
5. Internal organizational pockets



<u>Weight</u>	<u>Material</u>	<u>Size</u>
1,0kg	Cordura 500 Nylon F-TEX	25. Litres

BACKPACKS AND WEAPON BAGS

CZ 4M FORWARD OPERATING POINT 35

TACTICAL BACKPACK

The CZ 4M FOP 35 combat backpack is designed for a wide range of military or police operations. It can be used as a backpack for short patrols or, as a supplement to special interior accessories, as a specialist backpack.



The FOP 35 backpack has been tested in development and operational tests for use with a load of up to 40 kg!

The backpack is divided into two compartments, a smaller front and a large rear, main compartment. The main compartment is equipped with a zipper around the perimeter. It can be fully unbuckled and quickly and noiselessly opened, during low visibility, injury, or where it is necessary to locate and use the carried equipment immediately. This makes it a unique tactical gear. The rear of the backpack is fitted with a rigid but flexible partition, so that when carrying ammunition magazines, radios and batteries or anything bulky with sharp edges, there is no pressure or impact on the user's back. The FOP 35 is designed for real combat deployment and its design is therefore subject to 100% reliability in any conditions and load.

Main compartment is equipped with MOLLE and VELCRO surfaces for well-arranged and configurable organization of mounted equipment. Each of the compartments is further equipped with pockets for small equipment.

The height adjustment system of the shoulder straps and hip belt (4 + 4 positions) allows for extensive size configuration of the structure according to the height of the user's figure.

Shoulder straps can be replaced with BACS - Body Armor Compatible System - a special extended version of straps and lumbar support designed for use with a ballistic vest. If the weight of the carried material exceeds 15 kg, a more robust carrying system of the EXPEDITION 60 backpack can be used.

The backpack can be supplemented with external pockets and the front pocket can be supplemented with a hidden holster for the PDW weapon type (e.g. CZ Scorpion EVO).

The quick release system allows the carrying bag with shoulder straps to be thrown away in an emergency.

However, the hip belt remain in place attached to the user even after the activation of the quick release system, so the weapons and equipment fastened to the belt remain in place.

Extreme durability and high load capacity for versatile use.

1. Compatible radio/antenna cords and hydration bags
2. Two types of shoulder straps
3. Ergonomic design
4. Tactical hip belt
5. Quick release system
6. MOLLE carrier system
7. Raincoat storage



BACKPACKS AND WEAPON BAGS



<u>Weight</u>	<u>Material</u>	<u>Size</u>
2,0kg	Cordura 500 Nylon F-TEX	35. litres

BACKPACKS AND BAGS



CZ 4M EXPEDITION 60

TACTICAL PATROL BACKPACK

The CZ 4M EXPEDITION 60 patrol bag is designed for long-term patrols and the carrying of individual equipment.



BACKPACKS AND BAGS

Access to the backpack is possible through the classic upper entry or on the front side of the backpack after opening the upper or lower lid. These inputs allow the better organization of the carried equipment and easy access to the material in the backpack.

The backpack is equipped with a height adjustment system of shoulder straps and waist belt (4 +4) allows large size configuration according to the height of the user's figure.

It can be supplemented with external pockets to increase its usable volume up to 85l.

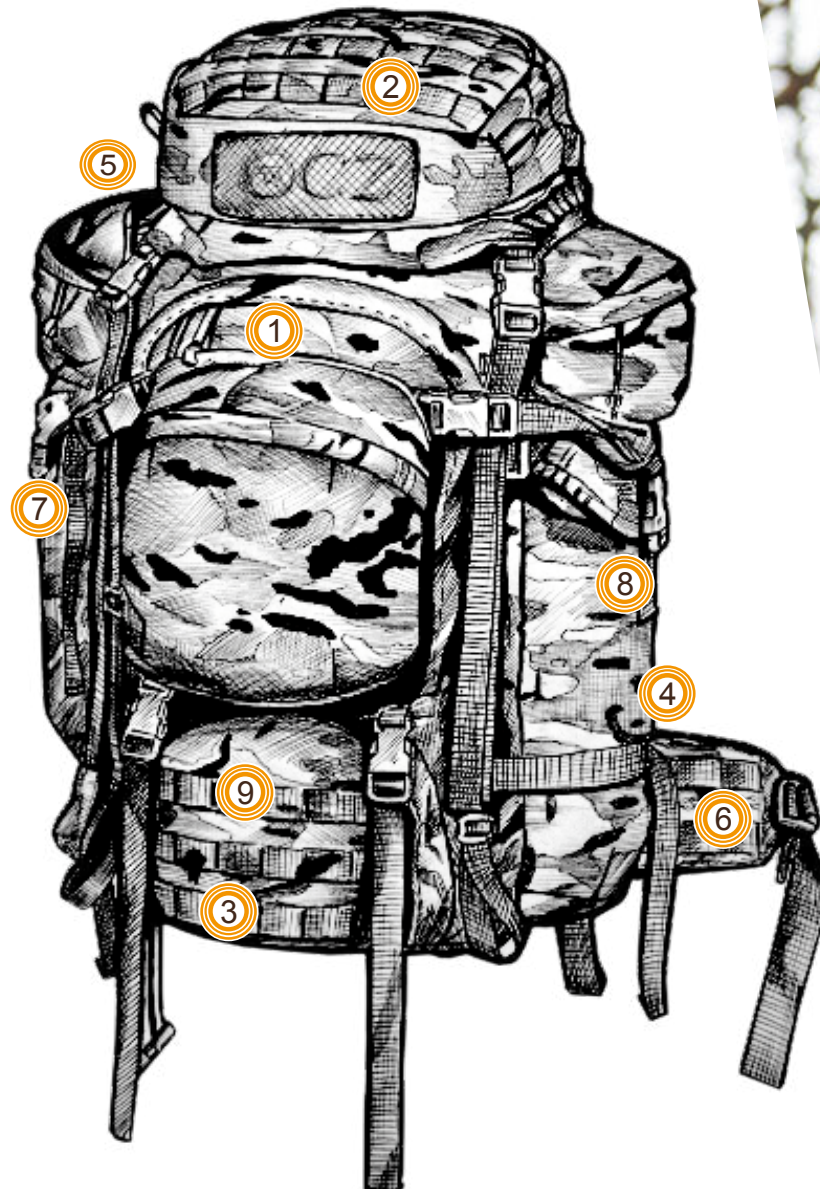
Shoulder straps can be replaced with BACS - Body Armor Compatible System - a special extended version of straps and lumbar support designed for use with a ballistic vest.

The quick release system allows the carrying bag with shoulder straps to be thrown away in an emergency.

However, the hip belt remains attached to the wearer even after the activation of the quick release system, and the equipment and weapons stay fastened on the belt on the user.

Extreme durability and high load capacity for versatile use.

1. Front access to the main compartment
2. Upper entrance to the main compartment
3. Lower entrance to the main compartment
4. Rear system with quick ejection system
5. Adjustable shoulder straps
6. Adjustable hip belt
7. Additional side pockets
8. Additional front pockets
9. Raincoat storage



<u>Weight</u>	<u>Material</u>	<u>Size</u>
3,2kg	Cordura 500 Nylon F-TEX	60. litres - without pockets 85. litres - with pockets

BACKPACKS AND BAGS

CZ 4M HYDRATION BAG

BAG ACCESSORIES



<u>Weight</u>	<u>Material</u>	<u>Size</u>
0,3kg	Cordura 500	3. litres

CZ 4M LAPTOP AND TABLET BAG

BAG ACCESSORIES



<u>Weight</u>	<u>Material</u>	<u>Size</u>
0,2 kg	Cordura 500	11" 13"

CZ 4M BACS - Body Armor Compatible System

BAG ACCESSORIES

When using a ballistic vest, the size and shape of the user's body changes significantly, and conventional straps do not guarantee optimal comfort and compatibility of the backpack with the vest. The BACS straps and back pads are designed so that the backpack on the vest and back panel do not slide or swing, the shoulder straps do not slide off the shoulders and the chest strap is in the right place.



CZ 4M HELMET BAG

ACCESSORIES



<u>Weight</u>	<u>Material</u>	<u>Size</u>
0,3kg	Cordura 500	UNI

<u>Weight</u>	<u>Material</u>	<u>Size</u>
0,3kg	Cordura 500	UNI

CZ **CZ 4M SNIPER BAG ELITE** BACKPACK FOR RIFLE **SHORT/LONG**

The CZ 4M Sniper Bag is designed for transport and tactical deployment with a rifle with a total length of the weapon up to 1100/1250 mm. The backpack design is adapted to the tactical use of the sniper in various terrains and conditions.

The CZ 4M Sniper Bag allows the:

- safe storage of weapons of all types, brands and calibers, while maintaining a maximum length of 1250 mm
- safe transport even in difficult conditions thanks to sandwich wall construction
- carry it in hand
- carry by shoulder strap
- use as a backpack with fully adjustable carrying rear system and hip belt
- reinforced lugs for dragging or pulling the backpack on rope to the shooters position
- all accessories (NVG, thermovision, cleaning, etc.) in the inner or outer pockets
- variable interior arrangement with MOLLE binding
- variable placement of 3 pockets outside the backpack using MOLLE binding
- use of a folding shooting pad made of adhesive material for better stability of the shooter and the weapon



<u>Weight</u>	<u>Material</u>	<u>Size</u>
2,0kg	Cordura 500 Nylon F-TEX	SHORT 1100 mm LONG 1250 mm

BACKPACKS AND BAGS

1. Removable and adjustable shoulder straps
2. Removable hip belt
3. Reinforced lugs
4. Zipper with concealing flap
5. Removable outer pockets





CZ 4M ELITE MAGAZINE POUCHES

ELITE magazine pouches are designed for the most difficult combat and service deployment. Allows the use of different magazines within the selected caliber. It is attached to the vest or belt using MOLLE system. It is equipped with a combination of fastenings that can be used depending on the type of operation.

- the fastening allows to use optional VELCRO zipper for fast reloading, or
- silent Spring-Lock system for silent and fast manipulation
- the magazine can be tightened with a flexible string for better grip of the magazine

The magazines are protected by a reinforced flap in the pouch, which prevents damage or loss in stressful situations, e.g when crawling in difficult terrain, falling to the ground, etc. Flaps significantly reduce the noise when the shooter moves and shifts. It has a small water drain hole on the bottom.



CZ 4M TACTICAL MAGAZINE POUCH

The CZ 4M TACTICAL magazine pouch is designed for tactical and offensive operations where maximum reloading speed is preferred. The magazine is secured thanks to a self-locking design. Optionally, a securing elastic string or an additional securing flap that can be easily attached to the pouch to increase the securing the magazine in the pouch. The pouch can be attached to a MOLLE system or belt. It is possible to attach additional pouches to the front of the pouch.



CZ 4M RANGE is a basic range of magazine pouches. Allows attachment to MOLLE or belt. The magazine is protected by a flap in the pouch against loss or contamination. The is closed with VELCRO and a plastic buckle.

CZ 4M RANGE MAGAZINE POUCH





The Modular Tactical Belt is designed to complement personal equipment and to carry personal gear and weapons. It also serves as additional protection of the lower parts of the body thanks to an optional ballistic insert.

The belt consists of several parts, each providing a different function in the belt system. These parts and functions are then combined with each other as required by the user.

Belt parts:

Shooting belt

The shooting belt is reinforced with PE foam and covered by individual panels with the MOLLE carrying system, always 2 elements vertically and horizontally. Each element is sewn to the belt only at the top and bottom and there is always a passage between the belt and the element. On the inside, the belt is covered with VELCRO segments – loops for attaching the inner belt or ballistic belt.

Inner belt

It consists of a 40 mm strap with VELCRO loops on the entire length. Connecting it with the shooting belt by means of the connecting segments secures the belt against movement. The belt can be threaded through conventional belt loops. The inner belt can be worn as a regular belt in trousers.

Connecting segments

Connecting segments are parts of a 40 mm strap, with 10 to 20 cm in length, covered with VELCRO hooks on both sides. The segments can be easily removed from the belt to prevent them from getting caught on clothing.

Rescue belt

The rescue belt is made of a 40 mm strap with an adjustable heavy-duty buckle and a heavy-duty drag handle. It passes just below the MOLLE system of the shooting belt and ensures its secure fastening on the user's body. It can be variably threaded under or above the individual MOLLE elements and used to carry, for example, a thigh pistol holster, etc.

Ballistic belt

The ballistic belt is approximately 2 cm wider than the shooting belt and can be attached via VELCRO hooks to the inner side of the shooting belt. It can be used with a ballistic insert. If necessary, it can be inserted between the inner belt and the shooting belt using VELCRO panels.

Carrying straps (optional)

Shoulder straps attach to the loops of the shooting belt and distribute the weight of the whole Modular Tactical Belt to the hips and shoulders.

Use:

The inner belt is designed for use as a standard belt threaded through trouser belt loops. It keeps the entire system in one place and prevents the belt from sliding around the user's body. A fastened inner belt can be fitted with connecting segments, usually on the back and sides. This creates a platform that can be further fitted with the shooting belt or shooting belt and ballistic belt. The shooting belt can be fastened by means of the rescue belt threaded through the elements on the shooting belt. Using the front and back loops, carrying straps can be attached to the shooting belt, which can be tightened according to the user's height and the desired position of the belt. Combining all parts creates a protective belt that protects the user from firearm-fired projectiles and fragments of explosive devices. Also, magazine pouches and other gear can be attached. The rescue belt can be used as an emergency abseiling aid thanks to the heavy-duty loop at the front (not certified as a rescue aid due to the absence of leg straps). The additional carrying straps carry the weight of the entire system and prevent the belt from sliding downwards on the wearer's body.

Weight	Material	Size	Colour
With ballistic - 1.068.g	Cordura 500 - 1000.	S-M, L-XL, XXL-XXXL.	Black FDE Multicam Czech Camouflage

CZ 4M SHOOTING BELT

Shooting belt with a laser cut carrying system (fully compatible with MOLLE) for attaching magazine pouches and other tactical equipment. It is equipped with a COBRA® buckle, optionally with a D-ring loop for emergency abseiling (ATTENTION: not certified as a rescue aid). The inner side of the belt is covered with VELCRO for attaching the inner belt, which is part of the shooting belt. This prevents sliding of the belt on the shooter's body. The belt is fitted with a metal snap hook for attaching small equipment (headphones, a case with hearing protectors, etc.).



<u>Weight</u>	<u>Material</u>	<u>Size</u>	<u>Colour</u>
0.4kg	Cordura 500	S, M, L, XL	Black FDE Olive Green

**CLOTHING
DIVISION**



CLOTHING DIVISION

FUNCTIONAL UNDERWEAR

State-of-the-art MOIRA and MERINO 165® fibre technologies ensure the best functional properties of the CZ 4M series of base layer clothing. Moisture wicking, special design, thermal insulation and, above all, the design of knitted materials meets the demanding requirements of combat and tactical units.

TACTICAL CLOTHING

CZ 4M combat and tactical unit uniforms are designed to be fully compatible with ballistic protection, backpacks and other tactical equipment. This means that the pockets are accessible even when wearing a vest, in a vehicle or when lying down.

We do not use elastic elements since their protective function is very low. We prefer to focus on the perfect design of all uniform parts so that they do not restrict movement.

RANGE CLOTHING

CZ 4M range clothing combines cutting-edge materials with smart and modern design. Fans of the brand can visit shooting ranges or engage in civilian operations in functional clothing that, despite its civilian appearance, meets the requirements for tactical clothing.

SOCKS

This often neglected yet very important part of personal equipment receives due attention in the CZ 4M product range. Careful selection of materials and special design intended for use in distinctive conditions of military and security operations make CZ 4M socks the best choice on the market.

HEADWEAR

Thermal insulation in adverse weather conditions can have a decisive role in successful accomplishment of the task. The CZ 4M headwear range allows you to choose the right product according to the temperature conditions at the place of deployment. CZ 4M headwear is made of fascinating materials like MOIRA TG 900 or DryPower® and will not disappoint you even in the most difficult conditions.



Contains MOIRA fibre



Spring to autumn, or base layer for extreme conditions



Moisture Control



Soft Step Comfort – heel and toe reinforcement to protect the feet from boot pressure sores



Winter



Suitable for extreme temperatures



Heat zone – thermal insulation of toe tips



Merino WOOL



Year-round wearing with temperature range specification



Antibacterial properties of the material

CLOTHING
DIVISION



BASIC LAYER

CZ 4M BASIC LAYER Men's Boxer Shorts

FUNCTIONAL UNDERWEAR

Boxer briefs from the CZ 4M range of functional underwear represent a new solution to gently stabilizing the position of this body part while maintaining thermal balance. The unique shape of the pouch is knitted without seams. The boxer briefs are softly elastic, perfectly copy the body and have excellent moisture wicking properties. They are designed for daily wearing and work well in combination with CZ 4M OMEGA/ RECON or DUTY combat trousers. The CZ 4M range of functional underwear is designed for year-round wearing. Thermal comfort is ensured by the specially developed MOIRA DEFENDER COMPACT material and special design of the underwear. Exposed areas contain panels accelerating moisture evaporation. The inserted elastomer allows us to adjust the compression force where required from loose fit to local compression. The Moira microfibre used on the back and front ensures thermal stability.



Colour	Material	Size	Material weight
Green	MOIRA® DEFENDER Compact	S/M, L/XL, XXL/XXXL	140 g/m ²



CZ 4M CELL TEC

FUNCTIONAL T-SHIRT

The CZ 4M CELL TEC functional T-shirt is designed especially for physical activity. It wicks moisture and maintains thermal comfort of the wearer throughout the activity and after it is finished.

Thermal comfort is ensured by the specially developed MOIRA DEFENDER COMPACT material and special design of the T-shirt. Exposed areas contain panels accelerating moisture evaporation.

The inserted elastomer allows us to adjust the compression force where required from loose fit to local compression. The Moira microfibre used on the back and front ensures thermal stability.



MOIRA®

<u>Colour</u>	<u>Material</u>	<u>Size</u>
Black	MOIRA DEFENDER COMPACT	XS/S, M/L, XL/XXL

CZ 4M BASIC Layer T-shirt

FUNCTIONAL T-SHIRT

The BASIC LAYER functional T-shirt is the base layer of the CZ 4M MOIRA functional clothing. It wicks moisture from the wearer's body to other layers. If worn separately (in warm temperatures), it has an excellent surface evaporating ability.

Thermal comfort is ensured by the specially developed MOIRA DEFENDER COMPACT material and special design of the T-shirt. Exposed areas contain panels accelerating moisture evaporation. The inserted elastomer allows us to adjust the compression force where required from loose fit to local compression. The Moira microfibre used on the back and front ensures thermal stability.



MOIRA®

Colour	Material	Size	Material weight
Green	MOIRA® DEFENDER Compact	S, M, L, XL, XXL	140 g/m ²

RECOMMENDED ACCESSORIES

CZ 4M BASIC LAYER Men's Boxer Shorts
CZ 4M BASIC LAYER Women's Boxer Shorts



CZ 4M Merino Wool FD

FUNCTIONAL UNDERWEAR

MERINO 165[®]
FIRE DURABLE



APPLICATION

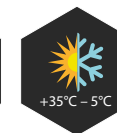
It is designed for tactical teams and riot units as a base layer for all-day wearing. It maintains the wearer's thermal comfort thanks to its unique structure of the finest Merino fibres with a diameter of only 16.5 microns! At the same time, this latest technology ensures extremely fast drying of the T-shirt after any physical activity. Thanks to the durable structure of the knitted material, it is also suitable for wearing as a top layer.

MERINO 165[®]

The special anti-bacterial properties of Merino fibres do not burden your body with foreign substances such as silver ions or chemical fibre treatment.

At the same time, the Merino fibre protects against the effect of flames with the resistance of the natural Merino material reaching up to 570 °C. Because natural Merino does not melt like synthetic materials, there is no secondary damage to the skin when hit by a flame. Therefore, it is used by NATO units on FOB (Forward Operating Base) after the prohibition of the use of T-shirts made of synthetic materials (Polyamide, Polyester, Lycra, etc.) following a series of destructive secondary burns during IED intervention in Afghanistan and Iraq missions.

MERINO 165[®] represents a brand of fibres with a diameter of only 16.5 microns that originate from New Zealand and are processed in the European Union. CZ 4M products are exclusively made of this top-quality fibre. As a result, we have achieved unparalleled durability of our products along with the best wearing comfort.



The resistance of the natural Merino material reaches up to 570 °C.

MATERIAL

The unique design of MERINO fibre knitting using the MOIRA technology combines the best properties of the MERINO fibre and the functional capabilities of the material, especially the moisture wicking ability.

DESIGN

The fit of the T-shirt is adapted for use with a ballistic vest or for carrying a backpack. This means that there are no seams on the shoulders and the upper part of the T-shirt is adapted for carrying load. All other seams are designed to be thin and flat without causing pressure marks. The length of the T-shirt corresponds to the use of a combat uniform or tactical overalls.

DEVELOPMENT

CZ 4M Merino Wool FD sets were intensively tested during the development by members of several special and rescue units. All knowledge from more than a year of testing was reflected not only in the design of individual types of clothing, but also in the material design. The properties of the CZ 4M Merino Wool FD functional clothing make this product series absolutely unique worldwide for professional use.

- Merino Wool FD (Fire Durability) material with a 16.5 micron fibre.
- Fire resistance of up to 570 °C.
- The best Merino fibre made in EU.
- Natural anti-bacterial properties with zero effect on the organism.
- Combination of Merino fibres and a multi-directional structure for maximum moisture wicking.
- Resistant surface of the material increases durability especially in contact with Velcro, etc.
- Clothing design compatible with tactical and protective gear.
- Flat seams and special material design.
- Tested, developed and manufactured by professionals.
- Made in the Czech Republic by MOIRA a.s.

RECOMMENDED ASSECCORIES



Colour	Material	Size	Material weight	Fire resistance
Black, FDE, Green	MERINO 165®	S, M, L, XL, XXL	170g/m2	570C*

CZ 4M WINTER UNDERWEAR LEVEL I

FUNCTIONAL UNDERWEAR

CLOTHING
DIVISION

The CZ 4M MOIRA Level I underwear set has been developed by MOIRA for the CZ 4M tactical line of clothing.

The winter set consists of a long sleeve T-shirt with a thumbhole and long pants (men's and women's).

Thermal comfort is guaranteed by the MOIRA Thermon material which draws body moisture away from the skin to the outside. The brushed surface of the material acts as an insulant by holding a large amount of air.

Thermon has been designed to provide the first layer of clothing in cold environments. When used in low temperatures, it is advisable to wear the Level II set as a second layer, which will significantly increase the user's thermal comfort even when the outside temperature reaches - 40°C.



<u>Colour</u>	<u>Material</u>	<u>Size</u>	<u>Material weight</u>
Green	MOIRA® Thermon	S, M, L, XL, XXL	150 g/m2



CZ 4M WINTER UNDERWEAR LEVEL II

FUNCTIONAL UNDERWEAR



The Level II turtleneck is part of the CZ 4M functional underwear set for extreme conditions.

Thermal comfort is provided by the warmest MOIRA Trio material. The closest to the skin are the loops of TI 920 polypropylene fibre, the next layer consists of a Moira TG 900 drainage yarn binding structure. The last, thinnest layer can capture and evaporate any amount of moisture.

The different properties of fibres and their different percentages in the overall knit architecture can perfectly insulate the skin while rapidly transporting moisture.

TRIO retains warmth even at lower physical performance while maintaining good breathability.

Layering Level I underwear and Level II winter underwear significantly increases thermal comfort even at a temperature of -40 degrees.

The turtle neck is equipped with a pocket on the sleeve and Velcro pads for placing a name tag and a rank badge.



<u>Colour</u>	<u>Material</u>	<u>Size</u>	<u>Material weight</u>
Green	MOIRA® Trio	S, M, L, XL, XXL	260 g/m

**CLOTHING
DIVISION**



RANGE CLOTHING

CZ 4M TACTICAL POLO SHIRT

Tactical POLO shirt, which can be used as a service uniform or for CP and law enforcement operations.

Tactical appearance and fit and a sleeve pocket for storing small items and Velcro pads for placing ID patches and unit identification.

The shirt is made of the MOIRA Komfort knit that, thanks to a distinctive method of weaving (alternation of absorbent and non-absorbent material) represents an extremely fast-drying material that ensures comfort even during significant temperature changes (removal of a ballistic vest, transitions from hot to air-conditioned areas, etc.). The material is perceived by the skin as a thermally stable knit with a slightly airy effect. The cotton component is located on the skin side, the outer side of the shirt made of polyester guarantees colour stability and quick drying.



Colour	Material	Size	Material weight
Black	Moira Komfort®	S, M, L, XL, XXL	135g/m ²

CZ 4M RANGE JEANS

RANGE JEANS



CZ 4M Range Jeans can be used everyday for work and leisure. Despite looking like standard jeans, they can do much more. CZ 4M Range Jeans are designed for civilian disguise in operations, low profile operations or for training purposes on a shooting range.

APPLICATION

- low profile operations
- civilian disguise in operations
- shooting practice
- everyday use

MATERIAL

To ensure maximum freedom of movement and wearing comfort, the material used is a combination of cotton/polyester and SPANDEX®. This makes the material slightly elastic and allows any movement while providing high wearing comfort and a pleasant feel on the wearer's body.

DESIGN

The design of the trousers is adapted to the expected use, i.e. it ensures maximum freedom of movement.

- anatomically shaped legs
- elevated waist
- reinforced loops for a service belt
- small loops for a snap hook for small equipment
- reinforced waist pocket edges for knife placement
- thigh pocket for a pistol magazine or small equipment

CZ 4M Range Jeans are made of the highest quality material mixed with SPANDEX® fibres. All seams and joints are reinforced for expected service and operational use. Despite the "civilian design", they are designed and manufactured with an emphasis on maximum durability and functionality in high-risk situations.



CZ 4M TACTICAL TACTICAL JEANS JEANS

CLOTHING
DIVISION

CZ 4M TACTICAL Jeans can be used for everyday work and leisure. Despite looking like standard jeans, they can do much more. CZ 4M Range Jeans are designed for civilian disguise in operations, low profile operations or for training purposes on a shooting range.

APPLICATION

- low profile operations
- civilian disguise in operations
- shooting practice
- everyday use

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DESIGN

The design of the trousers is adapted to the expected use, i.e. it ensures maximum freedom of movement.

- anatomically shaped legs
- elevated waist
- reinforced loops for a service belt
- small loops for a snap hook for small equipment
- reinforced waist pocket edges for knife placement
- thigh pockets for equipment
- rear pockets for magazines
- knee pockets for protectors
- FIDLOCK® magnetic accessory holder

CZ 4M Tactical Jeans are made of the highest quality material mixed with SPANDEX® fibres. All seams and joints are reinforced for expected service and operational use. Despite the "civilian design", they are designed and manufactured with an emphasis on maximum durability and functionality in high-risk situations.



CZ 4M WIND STOP Jacket

LIGHTWEIGHT INSULATED JACKET

DryPower[®]
MOIRA[®] Technology



CZ 4M WIND STOP is a lightweight insulated jacket for wide use in uniforms in operations in civilian clothing. The material with a strong wind stopping effect is complemented by side sections made of the unique DRYPOWER[®] material.

APPLICATION

For security operations and outdoor activities. The WIND STOP jacket is space-saving, supplied with a compression bag for easy storage in a backpack, etc.

MATERIAL

The DRYPOWER[®] material itself is unique for its properties and composition. It offers an extremely high moisture wicking ability towards the outer layers. At the same time, it has an excellent thermal insulation ability. It maintains the wearer's temperature comfort in any conditions.

WindStopper material with a microfibre thermal insulation layer.

DESIGN

The jacket is designed to copy the wearer's body while allowing concealed carry of a gun and equipment on a belt.

- The sleeve shape is anatomically designed for maximum freedom of movement of hands and shoulders.
- Bottom zip pockets.
- Medium-high collar with inner DRYPOWER[®] lining.



Colour	Material	Size
Black, FDE	SPANDEX [®] DRY POWER [®]	S, M, L, XL



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**CLOTHING
DIVISION**



TACTICAL CLOTHING

OMEGA

Our top of the range uniforms for tactical units and CT operations. They are designed with an emphasis on maximum freedom of movement without elastic parts, i.e. with maximum protection. They also allow storing large amounts of your personal material that usually cannot fit on a tactical vest.



RECON

Series of uniforms for reconnaissance and light combat units. The cut allows maximum freedom of movement. The smaller amount of pockets and textile material improves the properties for longer field stay, drying and care.



DUTY

Basic uniform series for universal use. Designed for all tasks in urban or field operation areas.





CZ 4M OMEGA PANTS

TACTICAL PANTS

CZ 4M OMEGA tactical pants are designed for a wide range of military and security special operations.

MATERIALS

The Heavy Duty (HD) material combines the strength and durability of polyamide fibres (PAD) with a ripstop mesh and the best cotton yarn, which is soft and comfortable for most conditions in which it is expected to be used. The main advantage of the HD material is high resistance to mechanical damage, including protection against cuts by sharp objects or thorns, providing the highest degree of protection in all types of operations.

The Light Season (LS) material is made of a combination of polyester fibres (PES) with a ripstop mesh and the best cotton yarn, which is soft and comfortable for most conditions under which it is expected to be used. The LS material combines high breathability and strength, which makes it suitable for warm weather conditions, etc. The material is provided with special TEFLON® treatment bound to the fibres, which ensures long-term resistance to water, oils, etc.

DESIGN

The special anatomic design of the pants enables complete freedom of movement without the use of elastic fabric belts, as is the case with competing products. For this purpose, the pants consist of several dozen pieces of semi-finished textile parts.



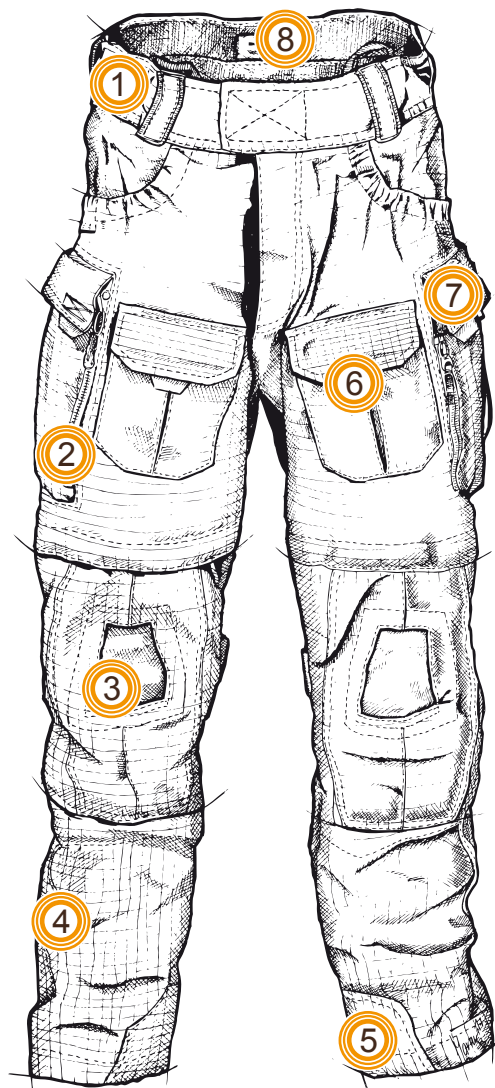
DESIGN

- Front flap fastening with low-profile Velcro.
- The inner side of the belt is lined with soft fleece for higher comfort, especially during long-term wear.
- Belt loops reinforced with a 25 mm strap.
- The design of the seat part allows maximum freedom of movement and damage resistance.
- Ventilation holes in the crotch and drain holes in the thigh pockets.
- The bottom part of the legs can be tightened by means of an elasticated cord with a fastener.
- The inner bottom parts of the legs are protected by inserted F-TEX® parts with a nano-carbon coating, which is extremely mechanically durable and quiet.

- The trousers are fitted with two knee pockets for all types of knee protectors including D3O® or Crye Precision® protectors for special outer pockets. This solution is patented by Crye and the CZ 4M OMEGA trousers are licensed for its use. The pockets for knee protectors are height-adjustable using elasticated cords and fasteners in the upper trouser pockets. The circumference of the knee section can be adjusted on the back of both legs.

POCKET SYSTEM

- Thigh cargo pockets openable from above with a covered zipper and side opening with a zipper for sitting, e.g. in a vehicle.
- The thigh pockets are fitted with removable platforms for assault rifle, PDW or pistol magazines and inner pockets for organizing stored material.
- Zippers and textile covers are fitted with straps for use with gloves.
- Pockets are positioned to enable access when sitting, e.g. in a vehicle.
- Rear pockets with a zipper for flat objects, maps, etc.
- Integrated rear pockets for a pocket knife, morphine applicator, etc.



1. High waist with a microfleece zone
2. Side access to thigh pockets
3. Adjustable protector pockets
4. Leg adjustment
5. Abrasion resistant layer
6. Front pockets
7. Magazine pockets
8. Adjustable waist circumference

Color	Material	Weight	Size
Black FDE, Multicam®, Czech Camo	HD version (50 % cotton, 50% polyamide) LS version (50 % cotton, 50 % polyester)	HD 230 g/m ² , LS 200 g/m ²	S, M, L, XL, XXL + long size



CLOTHING
DIVISION



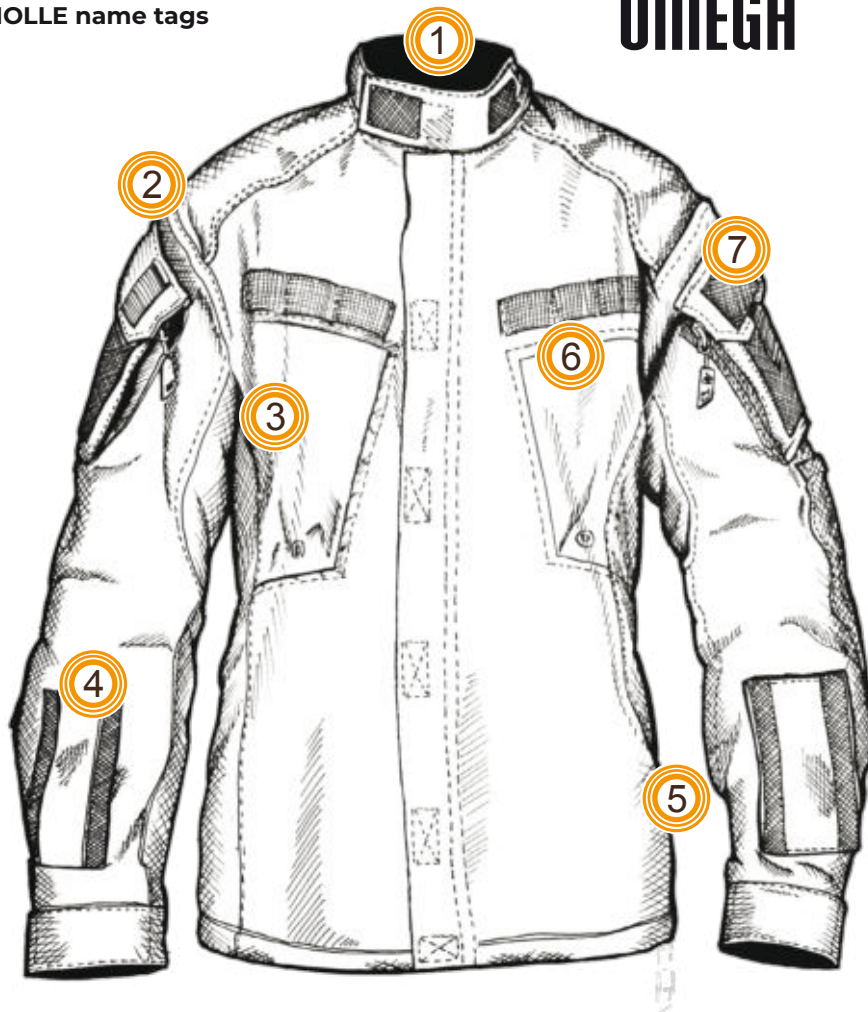
CZ 4M OMEGA JACKET

TACTICAL JACKET

The CZ 4M OMEGA tactical jacket is designed for operations



1. Collar with a microfleece zone
2. Double-access sleeve pockets
3. Ventilation holes
4. FAC pockets
5. Side zippers
6. Front pockets compatible with a vest
7. MOLLE name tags



MATERIALS

- The Heavy Duty (HD) material combines the strength and durability of polyamide fibres (PAD) with a ripstop mesh and the best cotton yarn, which is soft and comfortable for most conditions in which it is expected to be used. The main advantage of the HD material is high resistance to mechanical damage, including protection against cuts by sharp objects or thorns, providing the highest degree of protection in all types of operations.

- The Light Season (LS) material is made of a combination of polyester fibres (PES) with a ripstop mesh and the best cotton yarn, which is soft and comfortable for most conditions under which it is expected to be used. The LS material combines high breathability and strength, which makes it suitable for warm weather conditions, etc. The material is provided with special TEFLON® treatment bound to the fibres, which ensures long-term resistance to water, oils, etc

DESIGN

The special anatomic design of the sleeves enables full freedom of movement without the use of elastic fabric belts, as is the case with competing products.

- The sleeves allow inserting all available types of elbow protectors.
- Openable underarm ventilation holes.
- Sleeve pockets accessible from above and from the side.
- Front chest pockets accessible even if a ballistic vest is worn. The zipper sliders are also positioned outside the area under the ballistic vest to prevent secondary injuries when the vest is hit in the zipper area.
- Openings on both sides of the blouse facilitate access to the service pistol on a belt.
- The bottom pocket on the back can be used to store a raincoat, etc.



Color	Material	Weight	Size
Black FDE, Multicam®, Czech Camo	S-TEX®, F-TEX® HD version (50 % cotton, 50% polyamide) LS version (50 % cotton, 50 % polyester)	HD 230 g/m2, LS 200 g/m2	S, M, L, XL, XXL + long size

CLOTHING
DIVISION



CZ 4M OMEGA UBACS

TACTICAL T-SHIRT

The CZ 4M OMEGA tactical T-shirt is designed for wearing under a ballistic vest.



The Heavy Duty (HD) material combines the strength and durability of polyamide fibres (PAD) with a ripstop mesh and the best cotton yarn, which is soft and comfortable for most conditions in which it is expected to be used. The main advantage of the HD material is high resistance to mechanical damage, including protection against cuts by sharp objects or thorns of, providing the highest degree of protection in all types of operations.

The Light Season (LS) material is made of a combination of polyester fibres (PES) with a ripstop mesh and the best cotton yarn, which is soft and comfortable for most conditions under which it is expected to be used. The LS material combines high breathability and strength, which makes it suitable for warm weather conditions, etc. The material is provided with special TEFLON® treatment bound to the fibres, which ensures long-term resistance to water, oils, etc.



1. Collar with a microfleece zone
2. Double-access sleeve pockets
3. FAC pockets
4. FR Functional material OUTLAST®

Color	Material	Weight	Size
Black FDE, Multicam®, Czech Camo	HD version (50 % cotton, 50% polyamide) LS version (50 % cotton, 50 % polyester) OUTLAST	HD 230 g/m2, LS 200 g/m2	S, M, L, XL, XXL + long size



CLOTHING
DIVISION

DryPower[®]
MOIRA[®] Technology

Ω
OMEGA



CZ 4M OMEGA WINTER UBACS

TACTICAL T-SHIRT

CZ 4M WINTER UBACS is a unique part of tactical clothing. It is designed especially for use with a ballistic vest in temperatures of -10 to +10 °C. It combines the benefits of two different materials, DryPower[®] on the body part under the vest and a waterproof NANO-MEMBRANE LS layer on the sleeves and shoulders.

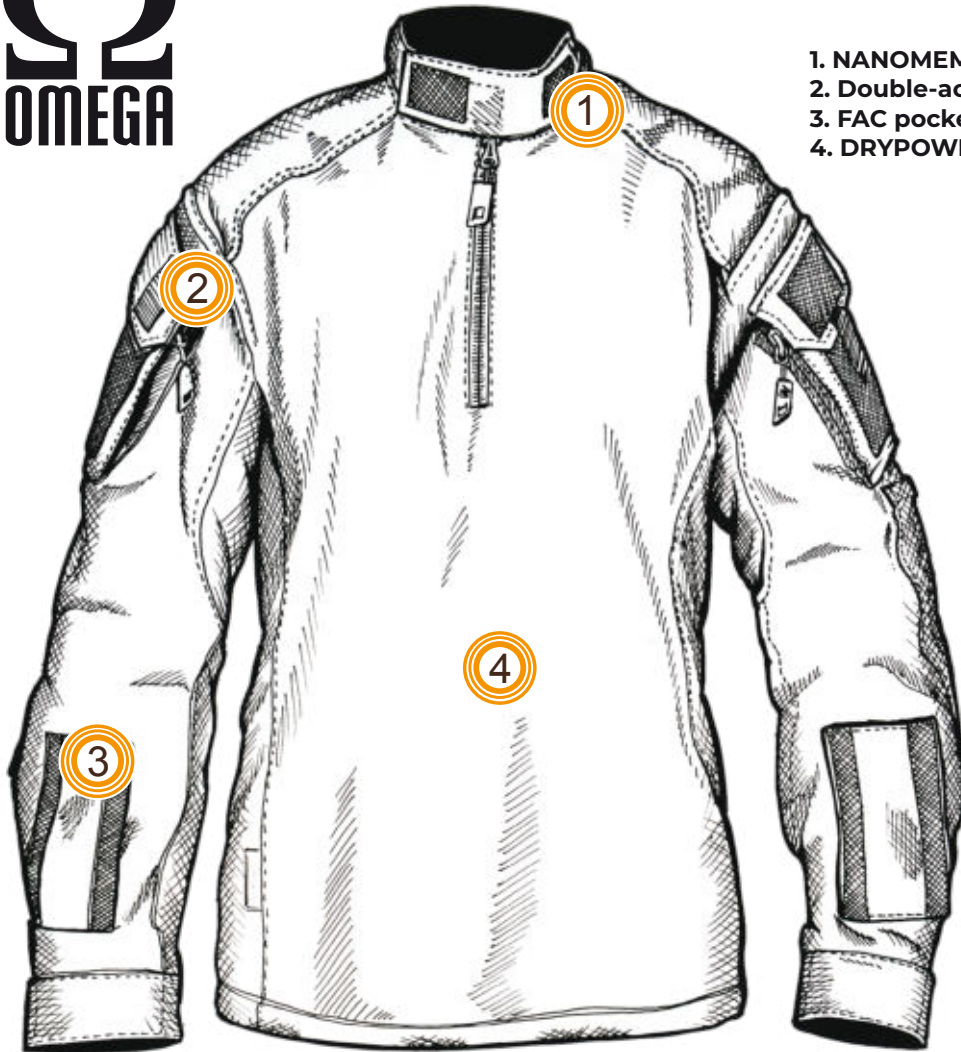
APPLICATION

WINTER UBACS is ideal for service with varying temperature, such as rapid-action police patrols, tactical units, etc. It is suitable for tactical units thanks to its ability to maintain thermal comfort without the risk of overheating, even during high physical exertion. When suitably combined with a Level 1 or Level 2 base layer, WINTER UBACS can provide adequate thermal insulation over a wide temperature range in the autumn and winter months.

MATERIALS

The DryPower[®] material itself is unique for its properties and composition. It offers an extremely high moisture wicking ability towards the outer layers. At the same time, it has an excellent thermal insulation ability. It can therefore keep the wearer in temperature comfort in any conditions.

The NANOMEMBRANE LS outer material is a lightweight fabric with a membrane resistant to a water column of 10,000 mm with a high vapour permeability of 2.5 Pa.m² W⁻¹.



- 1. NANOMEMBRANE® waterproof material
- 2. Double-access sleeve pockets
- 3. FAC pockets
- 4. DRYPOWER® functional material

WINTER UBACS maintains the design benefits of the OMEGA uniform series:

- anatomically shaped sleeves
- extended rear
- sleeve pockets with top and side access
- small sleeve pockets
- tightening of sleeve ends with fastening

DEVELOPMENT

WINTER UBACS was created in response to the needs of special forces from several EU countries. The basic requirement was to address thermal discomfort when wearing standard clothing in cold conditions together with ballistic protection equipment. This requirement was met thanks to a special design and combination of unique materials.

The body part made of DRYPOWER® provides sufficient thermal insulation and moisture wicking from the wearer's body under a ballistic vest. The top parts, shoulders and sleeves with added NANOMEMBRANE LS material protect from rain and increase thermal insulation. WINTER UBACS thus selectively acts on different parts of the wearer's body against cold and moisture while maintaining full compatibility with a ballistic vest without compromising wearing comfort.

WINTER UBACS underwent intensive testing during the autumn and winter months of 2018. The knowledge gained from the test and the final design used make WINTER UBACS a unique and ideal solution for a wide range of professional users – members of armed and security forces.



Color	Material	Size
Black FDE, Multicam®, Czech Camo	DRYPOWER® NANOMEMBRANE LS	S, M, L, XL, XXL

RECON

CZ 4M RECON HD

RECONNAISSANCE PANTS

Trousers for reconnaissance and combat operations CZ 4M RECON are based on the requirements of the reconnaissance units of the Army of the Czech Republic.

MATERIALS

· The Heavy Duty (HD) material combines the strength and durability of polyamide fibres (PAD) with a ripstop mesh and the best cotton yarn, which is soft and comfortable for most conditions in which it is expected to be used. The main advantage of the HD material is high resistance to mechanical damage, including protection against cuts by sharp objects or thorns of plants and shrubs, providing the highest degree of protection in all types of operations.

· The Light Season (LS) material is made of a combination of polyester fibres (PES) with a ripstop mesh and the best cotton yarn, which is soft and comfortable for most conditions under which it is expected to be used. The LS material combines high breathability and strength, which makes it suitable for warm weather conditions, etc. The material is provided with special TEFLON® treatment bound to the fibres, which ensures long-term resistance to water, oils, etc.



Color	Material	Size
Black FDE, Multicam®, Czech Camo	HD 230 g/m2, LS 200 g/m2	S, M, L, XL, XXL + long size

REDON

DESIGN

The special anatomic design of the trousers enables complete freedom of movement without the use of elastic fabric belts, as is the case with competing products. For this purpose, the trousers consist of several dozen pieces of semi-finished textile parts.

Front flap fastening with low-profile Velcro.

The inner side of the belt is lined with soft fleece for higher comfort, especially during long-term wear.

Belt loops reinforced with a 25 mm strap.

The design of the seat part allows maximum freedom of movement and damage resistance.

Ventilation holes in the crotch and drain holes in the thigh pockets.

The bottom part of the legs can be tightened by means of an elasticated cord with a fastener.

The trousers are fitted with inner knee pockets for all available types of knee protectors. The knee protector pockets are height-adjustable by means of elastic strings and fasteners in the upper pockets of the trousers.

POCKET SYSTEM

Thigh bellows pockets openable from above with a covered zipper and side opening with a zipper for sitting, e.g. in a vehicle.

The thigh pockets are fitted with removable platforms for assault rifle, PDW or pistol magazines and inner pockets for organizing stored material.

Zipper and textile covers are fitted with straps for use with gloves. Pockets are positioned to enable access when sitting, e.g. in a vehicle.



CZ 4M RECON JACKET

RECONNAISSANCE JACKET

Blouse for reconnaissance and combat operations CZ 4M RECON are based on the requirements of the reconnaissance units of the Army of the Czech Republic.

MATERIALS

· The Heavy Duty (HD) material combines the strength and durability of polyamide fibres (PAD) with a ripstop mesh and the best cotton yarn, which is soft and comfortable for most conditions in which it is expected to be used. The main advantage of the HD material is high resistance to mechanical damage, including protection against cuts by sharp objects or thorns, providing the highest degree of protection in all types of operations.

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Color	Material	Size
Black FDE, Multicam®, Czech Camo	HD 230 g/m ² , LS 200 g/m ²	S, M, L, XL, XXL + tall size

DESIGN

The special anatomic design of the sleeves enables full freedom of movement without the use of elastic fabric belts, as is the case with competing products. The RECON blouse features the design benefits of the OMEGA uniform series.

- The sleeves allow inserting all available types of elbow protectors.
- Openable underarm ventilation holes.
- Sleeve pockets accessible from above and from the side.
- Front chest pockets accessible even if a ballistic vest is worn
- The zipper sliders are also positioned outside the area under the ballistic vest to prevent secondary injuries when the vest is hit in the zipper area.



RECON

CZ 4M DUTY JACKET

DUTY



DESIGN

- The anatomical sleeve design allows for high freedom of movement without the use of flexible parts, as is the case with competing products.
- Sleeves allow the use of external types of elbow pads.
- Sleeve pockets with side entrances.
- Front chest pockets
- Back part designed to provide for high freedom of movement
- Waist circumference adjustment

Color	Material	Size
Black, FDE, Multicam®, Czech Camo	70 % Cotton 30 % Polyamide	S, M, L, XL, XXL + Long size

CZ 4M DUTY PANTS

The anatomical design of the pants allows for a high level of freedom of movement without the need for flexible fabric belts, as is the case with competing products. The pants are fitted with pockets and reinforcement at the stressed points to ensure high durability and long life.

DESIGN

- Front flap fastening with Velcro low profile zipper.
- Raised waist for better protection and back
- Strong belt loops
- Seat design for maximum freedom of movement and resistance to damage.
- Crotch vents and thigh pockets for water drainage.
- The leg of the trousers can be removed
- The trousers are designed for use with external knee pads

POCKET SYSTEM

- Thigh bellows pockets openable from above with zipper and flap and side entry with zipper for seated opening, eg in a vehicle, etc.
- Zippers and textile covers are equipped with drawstrings for use with gloves.
- The position of the pockets is chosen so that you can access them easily, eg in a vehicle.



DUTY

1. High waist
2. Side access to thigh pockets
3. Front pockets
7. Adjustable waist circumference

Colour	Material	Size
Black, FDE	70 % Cotton 30 % Polyamide	S, M, L, XL, XXL + tall size



**CLOTHING
DIVISION**



ECWCS CLOTHING

CZ 4M EAGLE FLEECE JACKET

FOR EXTREME CONDITIONS

The EAGLE FLEECE jacket is designed as a windstopping warming layer for use with outer shell jackets in all weather and temperature conditions. The design and construction of the jacket ensures full compatibility with the ballistic vest, backpack and other accessories.

- Tactical, thermally insulated sweatshirt
- Front pockets optimized for use with body armor
- NANOMEMBRANE Fleece material
- Shoulder pocket
- Extended back part
- Compatible with belt equipment
- Side zippers for easy acces to the handgun and equipment
- The best vapour permeability on the market



Material	Material	Weight	Vapor Permeability RET	Thermal resistance	Spray test
TRIPLE LAYER LAMINATES	Upper material 100% polyester PTFE membrane 100% polyester	252 g/m ² ± 5%	RET 7,5 Pa.m ² .W ⁻¹ dle EN ISO 11092 (25 °C)	0,070 W ⁻¹ Km ²	—

CZ **4M LS PIKE JACKET ECWCS**

FOR EXTREME CONDITIONS



The LS PIKE jacket is designed for use in all weather and temperature conditions. The design and construction of the jacket ensures full compatibility with the ballistic vest, backpack and other accessories.

- Lightweight Hardshell tactical jacket for use on duty service
- NANOMEMBRANE - waterproof, high breathable material, with unique nano fiber membrane with high abrasion resistance
- The best vapor permeability on the market
- Full compatibility with tactical and ballistic vests
- Water resistant zippers
- Anatomical sleeve design
- Armpit vents for better ventilation
- 4 front outer pockets with side entry without secondary fragments under ballistic vest 2 inner pockets
- 2 arm pockets with side entry
- Zippers grips for easy control in gloves
- MOLLE / VELCRO field on chest for attaching PTT, badge, etc .
- Bottom side zips for access to weapon or belt equipment
- Unique foldable hood with 2d positioning



Material	Material	Weight	Vapor Permeability RET	Breathability	Colour	Hydrostatic resistance	Spray test
TRIPLE LAYER LAMINATES	100% polyester /PU hydrophilic membrane/ 100% polyester	134 g/m2 ± 5%	RET 1,6 Pa.m2.W ⁻¹ (RET ISO 11092) (25°C)	1,85mm.s ⁻¹ dle EN ISO 9237	Black	10 000 mm dle EN ISO 811	100 ISO 5 dle EN ISO 4920

CZ 4M BARRACUDA JACKET ECWCS

FOR EXTREME CONDITIONS

The HD BARRACUDA Hardshell jacket is designed for use in all weather and temperature conditions. The design and construction of the jacket ensures full compatibility with the ballistic vest, backpack and other accessories.

- Hardshell tactical jacket with high abrasion resistance for use on heavy duty service
- NANOMEMBRANE - waterproof, high breathable material, with unique nano fiber membrane
- The best vapor permeability on the market
- Full compatibility with tactical and ballistic vests
- Water resistant zippers
- Anatomical sleeve design
- Armpit vents for better ventilation
- 4 front outer pockets with side entry without secondary fragments under ballistic vest
- 2 inner pockets
- 2 arm pockets with side entry
- Zippers grips for easy control in gloves
- MOLLE / VELCRO field on chest for attaching PTT, badge, etc .
- Bottom side zips for access to weapon or belt equipment
- Unique folding hood with 2d positioning



Material	Material	Weight	Vapor Permeability RET	Hydrostatic resistance	Breathability	Spray test
TRIPLE LAYER LAMINATES	100% polyester /PU hydrophilic membrane/ 100% polyester	197 g/m2 ± 5%	RET 6 Pa.m2.W ⁻¹ (RET ISO 11092) [25°C]	18 000 mm dle EN ISO 811	0,467 mm.s ⁻¹ dle EN ISO 9237	100 ISO 5 dle EN ISO 4920

CZ **4M COOLMAX SOFTSHELL**®

FOR EXTREME CONDITIONS



Softshell jacket with highly breathable membrane and Coolmax lining for physically demanding operations with need for high ventilation.

- Tactical softshell jacket for active use
- 4 front pockets optimized for use with body armor
- NANOMEMBRANE material with unique nano fiber membrane
- Internal CoolMax material
- Shoulder pocket
- Zippers in the armpits area for better ventilation
- Compatible with belt equipment
- The best vapour permeability on the market



Material	Material	Colour	Weight	Vapor Permeability RET	Breathability	Hydrostatic resistance	Spray test
TRIPLE LAYER LAMINATES	80% polyester /PU hydrophilic membrane/ 100% polyester	FDE Black	264 g/m ²	RET 10 Pa.m ² .W ⁻¹ (RET ISO 11092) [25 °C]	0,470mm.s ⁻¹ dle EN ISO 9237	16 000 mm dle EN ISO 811	100 ISO 5 dle EN ISO 4920

CZ 4M CODIAC SOFTSHELL

FOR EXTREME CONDITIONS

Softshell jacket with fleece lining with windstopper membrane for thermal insulation and comfort in cold and windy weather conditions.

- Warm tactical jacket
- 4 front pockets optimized for use with body armor
- NANOMEMBRANE material with unique nano fiber membrane
- Internal NANO Fleece material
- Shoulder pocket
- Zippers in the armpits area for better ventilation
- Compatible with belt equipment
- The best vapour permeability on the market



Material	Material	Colour	Weight	Vapor Permeability RET	Breathability	Hydrostatic resistance	Spray test
TRIPLE LAYER LAMINATES	88% polyester 12% elastan /PU hydrophilic membrane/ 100% polyester	FDE Black	250 g/m2	RET 15,5 Pa.m2.W ¹ (RET ISO 11092) (25 °C)	2,175mm.s ⁻¹ dle EN ISO 9237	18 000 mm dle EN ISO 811	100 ISO 5 dle EN ISO 4920

CZ 4M COMBAT

The CZ 4M COMBAT durable winter socks are made of wool and synthetic materials.

Thanks to the high natural wool content, the socks are comfortable even when wet. Excessive moisture is wicked by polypropylene fibres to the outside and the foot feels dry heat.

The reinforced toe extends across the sole over the heel and all the way to the hem, thus protecting the Achilles tendons and ankles. The elasticated band helps to provide support. The tall double hem protects the shin in high combat boots



Colour	Material	Size
Green	Wool 55%, acrylic 10%, polypropylene 30%, elastan 5%.	4 - 5; 6 - 7; 8 - 9; 10 - 11; 12 - 13

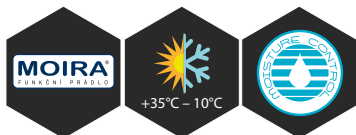


CZ 4M PATROL

The CZ 4M PATROL year round socks have been designed for prolonged comfortable wear even in hot climates.

The inner layer of the PATROL socks has loops that draw moisture away while maintaining good thermal balance, preventing pressure marks and defining the foot in the boot.

Both the toe and heel are reinforced. In addition, there are reinforced elastic side panels running from the toe all the way to the hem. The instep is made of airy elastic knit that allows good ventilation of moisture. There is an elastic band running across the instep, foot and above the ankle to prevent the sock sliding in the boot.



Colour	Material	Size
Green	Polypropylene 60%, cotton 35%, elastan 5%	4 - 5; 6 - 7; 8 - 9; 10 - 11; 12 - 13

CZ 4M DUTY

The CZ 4M DUTY socks have been designed especially for use in light service boots.

The fine Merino wool creates a smooth elastic knit. The toe and heel are reinforced and the instep is ventilated.

The wool absorbs moisture which gradually evaporates. However, when wet, it generates heat, so the foot feels dry and warm.



Colour	Material	Size	Material weight
Green	MOIRA® Trio	S, M, L, XL, XXL	260 g/m

CZ 4M OPERATOR

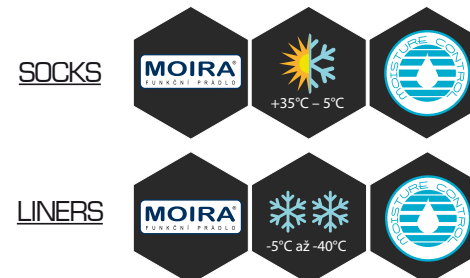
SOCKS AND LINERS

The CZ 4M OPERATOR socks offer a unique solution for extremely challenging conditions.

The loops of the strong weave soften the impact on the foot and retain a large amount of air that acts as an insulator. The socks also feature a reinforced toe and heel, there is also a reinforced area protecting the Achilles tendon. The OPERATOR socks come with lightweight liners as a set. The wearer can therefore choose from three options: to wear the socks alone, with liners or the liners alone.

When worn with the liners, they should be pulled on with the smooth side inward. The outer plastic segments snap into the inner structure of the sock, thereby preventing the sock sliding. Moisture enters the smooth knitted layer of the liner and is drawn to the outside of the sock. The woollen toe of the liner generates heat when wet. The space between the sock and the liner retains a large amount of air, thus providing excellent thermal balance.

When wearing the liners alone, it is necessary to pull them on with the plastic segments facing inwards, towards the foot. The wool on the toe generates heat when wet and the channels between the plastic segments draw the moisture to the outside. The result of both options of the liners is a superb feeling of dryness and warmth in all climatic conditions.



Recommended use	Sock material	Liner material	Colour	Size
liner alone: 15 to 25 °C sock without liner: -5 to +10 °C, sock with liner: +5 to -30 °C.	Wool 54%, polypropylene 33%, polyamide 12%, elastan 1%.	Wool 30%, polypropylene 43%, polyamide 25%, elastan 2%.	Green	4 - 5; 6 - 7; 8 - 9; 10 - 11; 12 - 13

CZ 4M SUMMER HAT

The summer hat has been designed for everyday use as a base layer to be worn under a helmet or for sport activities.

Regarding construction, a new type of knit has been used, namely the Ultralight New. It is used in products where fast wicking is required during varying physical exertion.

The Ultralight New is the second generation of successful material with an improved weave. The knit is made of fine polypropylene silk, making it much nicer to touch than previous generations. The weave is very airy, which is a decisive factor in maintaining the thermal balance of the body.



Colour	Material	Size	Material weight
Green	MOIRA® Ultralight New	S-M L-XL XXL	110 g/m

CZ 4M HEADOVER

A versatile headover made of double layer Merino Moira knit.

The Moira fibres have excellent wicking properties, drawing moisture away from the body into the outer woollen layer. This layer is made up of extremely fine Merino Super Fine 16 µm fibres that absorb moisture coming from the inside, thereby providing perfect thermal insulation.

The inner layer made of polypropylene microfiber feels very pleasant on the skin, this item of clothing may therefore be worn also by people who are sensitive to 100% wool products. The wool is treated with Superwash technology to avoid felting.



Colour	Material
Green, Black	Merino Wool , Polypropylen Moira

CZ 4M WINTER HAT

TACTICAL WINTER HAT

The winter hat is made of Trio, one of the warmest MOIRA materials.

The different properties of fibres and their ratio in the overall structure of this three-layer knit create perfect thermal insulation while rapidly wicking sweat.

The inner layer (skin side) is made of polypropylene silk plush loops, connected to the middle wicking part. The third (outer) MOIRA layer can evaporate the collected moisture in high quantities. There is a sufficient amount of body-warmed air between the loops, which increases thermal protection of the body. TRIO retains warmth even at lower physical performance while maintaining good breathability.



Colour	Material	Size	Material weight
Green	MOIRA®	S-M L-XL XXL	260 g/m

CZ 4M WINTER HAT

LEVEL III

TACTICAL WINTER HAT

The CZ 4M LEVEL III winter hat is made of DryPower® with an extreme moisture wicking ability. It is suitable for universal use in temperatures from -10 °C and withstands high physical stress associated with sweating. The unique material composition also provides an excellent wind stopping effect.



DryPower®
MOIRA® Technology



Colour	Material	Size	Material weight
FDE. BLACK	DRY POWER®	XS-S, M-L, XL-XXL	275 g/m



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4M Systems a.s., Slezanů 2292/9,
169 00 Praha - Břevnov,
CZECH REPUBLIC, VAT : 036 70091
TEL: (+0420) 778 728 740
EMAIL: info@4msystems.cz