



Extreme cold weather clothing has 6 layers. Different components of these layers are utilized in temperature ranges from -33 ° C up to +7 ° C and in various weather conditions such as wind, rain, snow and coldness, and in the case of mobility (practical) and stationary (guards) of fighter. A high level of protection with ideal comfort is provided.

Capabilities

- Suitable for different weather conditions (temperature range from -33 ° C up to +7 ° C).
- Prevents wind and rain entering into the clothing (waterproof and windproof).
- Allows exiting of water vapor from the body to the outside at high speed so that the person who wears it does not feel sweating (breathable).
- Prevents sudden onset of body tremor (wind chill) in very cold areas.
- Has a convenient heat and is an appropriate cover.
- Has the appropriate weight.

The layers that are in contact with body manage moisture and transfer sweat of the body to outside. In all cases the body surface is dry and it prevents the unpleasant sensation of the body surface sweating and getting wet. Middle layers are insulation of heat and it prevent from feeling cold and body tremor in cold weather and outer layers of the clothing prevent from entering climatic factors such as wind, rain and snow into clothing.

This clothing is used in temperature ranging from -33 ° C up to +7 ° C , and two case of mobility (practical) and stationary (guards) of fighter.

Different combinations of these layers, which can be used in different weather conditions, are given in the table below :



ACCORDING TO NIJ STANDARD 0101.04

Combinations	Usage conditions	Number of layers	Weigh of layers
First	In case of mobility in cold & rainy weather (from -1°C up to +7°C)	1 - 4	1/6 kg
Second	In case of mobility in cold weather (from -1°C up to -17°C)	1 - 2 - 4	2/2 kg
Third	In case of mobility in extreme cold weather (from -17°C up to -33°C)	1 2 - 3 - 4	2/75 kg
Fourth	In case of stationary (guards) in cold & rainy weather (from -1°C up to + 7°C)	1 - 3 - 5	1/8 kg
Fifth	In case of stationary (guards) in cold & dry weather (from -1°C up to -17°C)	2 - 4 - 6	3/8 kg
Sixth	In case of stationary (guards) in extreme cold weather (from -17°C up to -33°C)	1-2-3-4-6	4/6 kg