

NEW GENERATION CBRN COMBAT SUIT

GENERAL FEATURES

Performances of the outer layer:

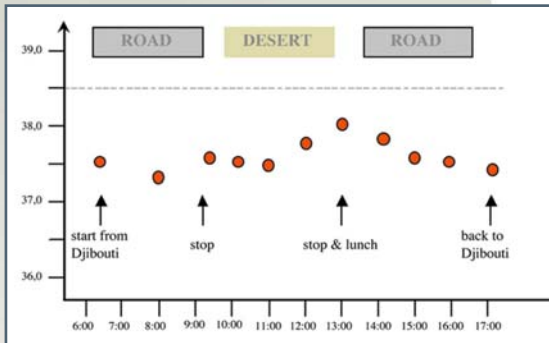
- Spray test: 5.
- Oil resistant treatment: 5.
- Tear strength: warp = 2,0 daN weft = 1,5 daN.
- Tensile strength: warp = 88 daN weft = 45 daN.

Performances of the inner layer:

- Knitted activated carbon laminated on polyester knitted fabric.
- Thickness of the filtering layer: < 0,6 mm.

Performances of the complex (fabric + inner layer):

- Weight of the complex: 420 ± 20 g/m².
(according to the chosen combination of materials).
- Water vapour resistance (ISO 11092): < 6 m²Pa/W.
- Chemical protection at a contamination level of 10g/m² of mustard: > 24 hours.
- Wear time according to NATO standards: more than one month of continuous wear.
- Washable with neutral detergent.
- Shelf life: more than 10 years in the original vacuum-sealed packing.
- The outer fabric is flame retardant according to ISO 6940 standard.
- Colors available: plain or printed (in any camouflage).



TOM SUIT: REDUCED HEAT-STRESS

Due to the use of highly permeable material, the TOM suit allows the body to evacuate the calories produced during field exercises, providing high confort and most of all, lowering heat stress.

Weather conditions:

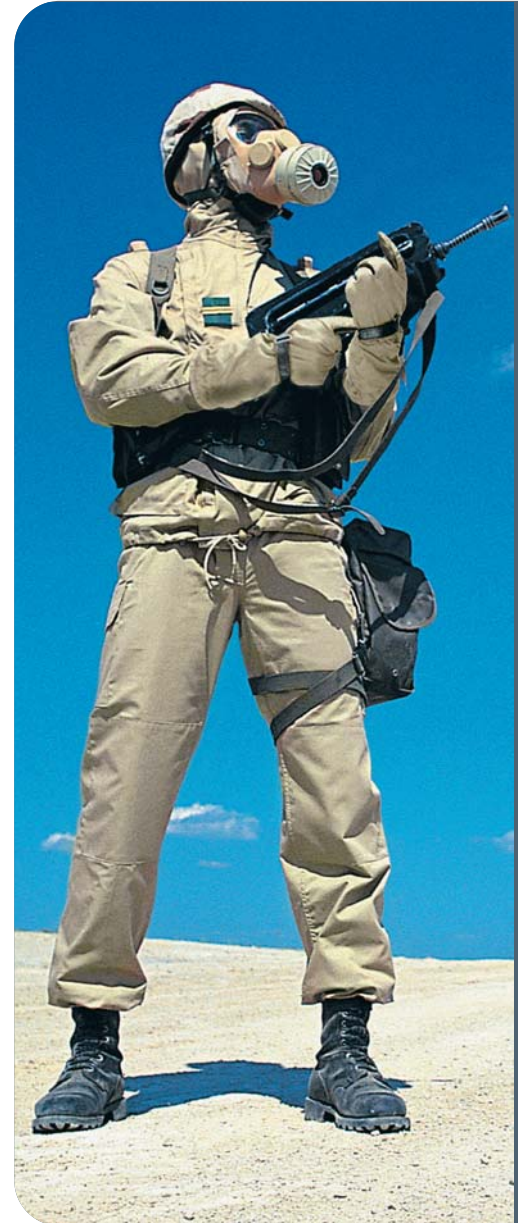
- sunshine
- T°C between 32°C and 40°C

Soldier equipment:

- TOM suit
- open hood
- no gas mask

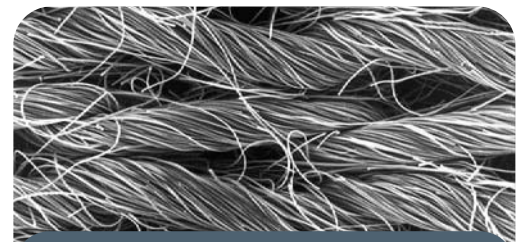
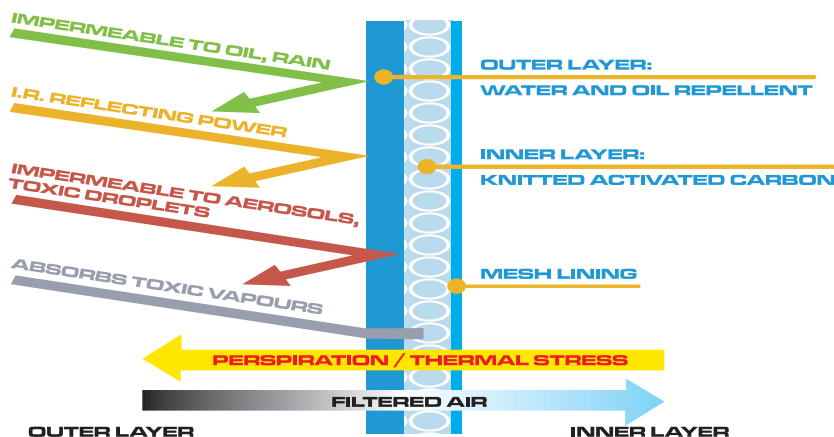
Example : Walk exercise in DJIBOUTI

THE LOW HEAT STRESS OF THE TOM SUIT ALLOWS A PERMANENT WEAR IN TROPICAL AREA



CBRN PROTECTIVE SUIT

COMPLEX BARRIER FEATURES



KNITTED ACTIVATED CARBON MATERIAL

Weight 200 ± 10 g/m²

SD test, vapour diffusive test
new material > 6 hours

Water vapor resistance
< 4 m².Pa/W

The New Generation Gloves (GNG) follow the same concept of filtering as the C.B.R.N. protective suit. It is composed of an outer layer and a filtering material. The outer layer of the glove is mixed : it has a water and oil resistant treated leather patch in the palm of the hand and the rest is made of a fabric which is also water and oil repellent. The filtering complex is made of knitted activated carbon material bonded with polyester lining. This bi-component glove is sewn enabling both tactile perception and breathability.

The permeable fabric is used where the thermal exchanges are highest (on the back of the hand). The leather, which is impermeable and mechanically highly resistant, has an important property of transmitting tactile information and gives high tactility and dexterity. For the first time, a thin C.B.R.N. protective glove has been made with outer and inner layers assembled together at wrist level to form only one glove.

PATENTED MODEL

back side in textile

leather

Cuff tightening by self-attaching strap

chemical tight double sleeve

Palm side

Back side



2 MODELS available with or without Velcro fastening system

CBRN PROTECTIVE SOCKS

The CBRN protective socks have been developed by Paul Boyé to provide optimal comfort and maximum protection for the wearer.

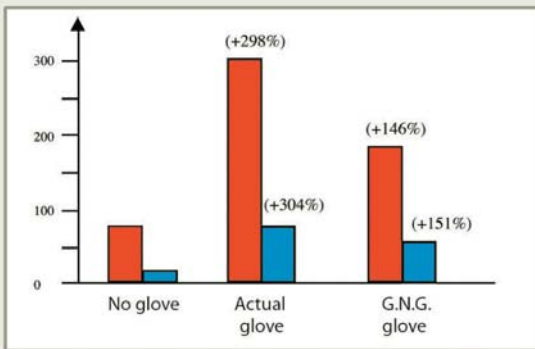
They are made of a filtering complex similar to the one used for CBRN protective suits.

CBRN socks are worn with combat boots allowing the wearer to maintain an excellent mobility.

The assembling technology used provide the best comfort possible while reducing fabric overlapping and thus avoiding any foot injury due to friction.

The user can use the same boot size.

PROTECTIVE GLOVES : G.N.G. MODEL



■ NATO Minnesota test
■ NATO Washer test

Same composition as the suit :
 - inner glove made of carbon impregnated foam
 - outer glove made of FR fabric and leather
Dexterity test :
 - Air temperature : 44°C
 - Relative humidity 43%

GNG GLOVES PROVIDES AN EXCELLENT DEXTERITY AND C.B.R.N. PROTECTION