

The Materials that are used for making military dresses

1. Polyester
2. Cotton
3. High Tenacity Polyester
4. Kevlar



5. Coolmax
6. Meta Aramid
7. Lycra
8. Nomex



Fabric Made of-



Military Textiles

Military clothing is the clothing that gives

- ✓ Protection against environment,
- ✓ Camouflage,
- ✓ Specific battlefield threats,
- ✓ Flames, heat and flash,
- ✓ Insects, chemical and
- ✓ The ergonomic considerations to maintain physical comfort properties.



HISTORY of Military Textiles

Till 19th century military land battles were fought at close range by individual engagements. 'Danger' colors such as scarlet (bright red) were widely used.

• At turn of the 20th century advances in technology provided lethal long-range weapons with improved sighting.

• These caused rapid changes in military strategy and tactics, as engagements could be made at a distance.

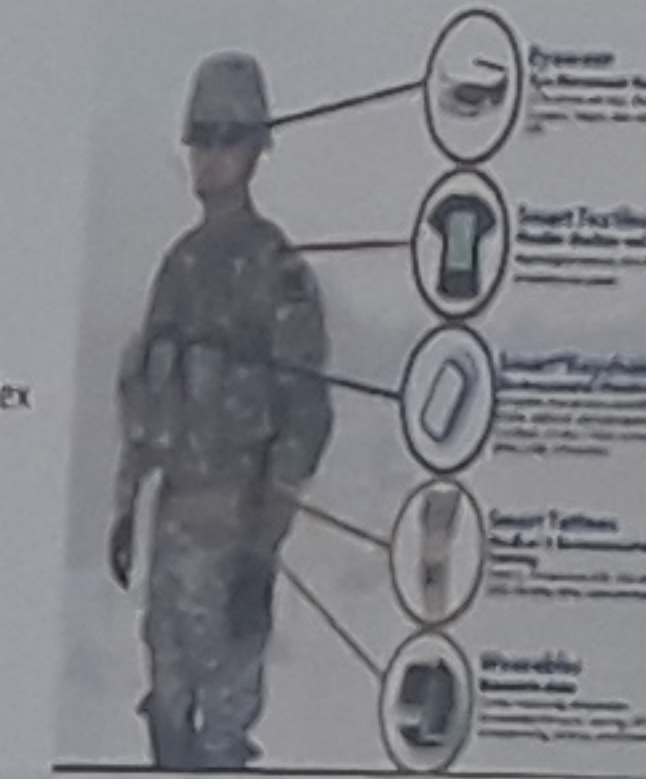


Military Textiles

Protective Textiles

- Water
- Bullet
- Heat
- Radiation

Textiles for military uniforms face a complex set of challenges.



Criteria For Modern Military Textile Materials

- ❖ Physical requirement,
- ❖ Environmental requirement,
- ❖ Camouflage, concealment and deception requirement,



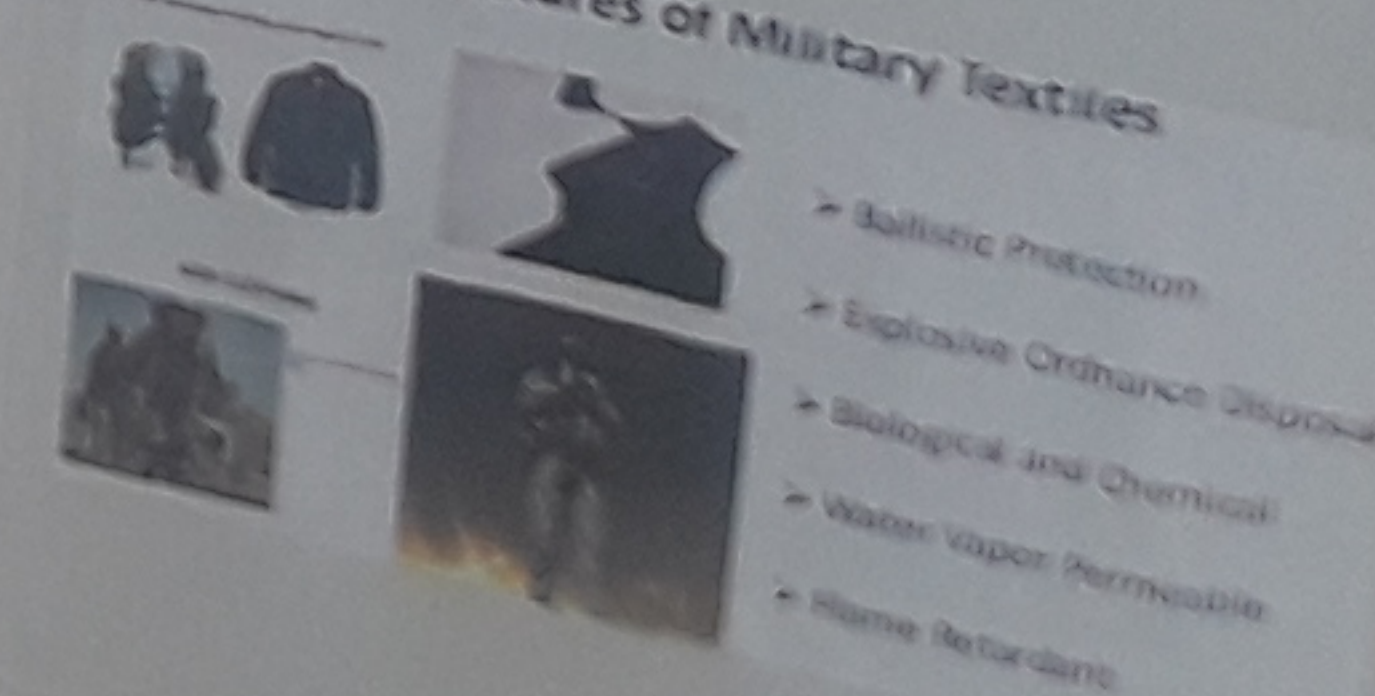
- ❖ Specific battlefield hazards,
- ❖ Requirement for flames, heat and flash protection.
- ❖ Economic considerations.



Features of Military Textiles



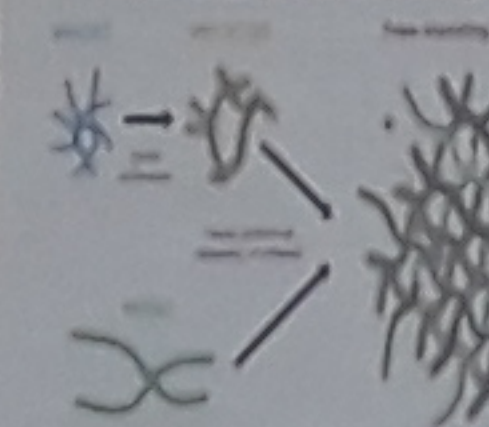
Features of Military Textiles



A military uniform is a very Complex System



Surfaces of fibers have been chemically modified through



Existing areas which continue to develop is that of electronic textiles.



New Research & development need to be carried out.



Understanding types of hazards or threats is the critical first step.

