



Nuclear, Biological and Chemical Protective Cover (NBC-PC)

What It Is:

Chemical, biological and nuclear fallout threats...supplies on the battlefield will be protected from contaminants like these with a new disposable protective cover.

Why It's Needed:

No cover is currently available to protect against nuclear, biological and chemical (NBC) contamination. The NBC-PC is a candidate under the Technology Readiness Evaluation for Contamination Avoidance of Seaports of Debarkation (CASPOD). This program will generate a new Joint Operational Requirements Document, that will lead to adoption of a NBC protective cover.

How It Works:

The NBC cover, supplied in green or tan rolls, provides 72 hours of protection against chemical warfare agents. The cover is a composite made of Saranex® — a barrier material produced by Dow Chemical Company — low density polyethylene, and high density polyethylene.

- **Dimensions:** 10 feet wide and 300 feet long, or 20 feet wide and 150 feet long
- **Weight:** 145 pounds for both sizes
- **Transport Size:** 70 cubic feet for both sizes

While commercially available material provides the needed resistance to chemical agents, we're continuing work on meeting requirements for flame resistance.

Benefits:

Economical...The NBC protective cover is low cost and disposable.

Easy To Use...The cover is simply wrapped in layers around supplies to prevent or minimize contamination.

Point of Contact:

Collective Protection Liaison

COMM: (508) 233-4347, DSN: 256-4347

E-MAIL: amssb-rsc-b@natick.army.mil



**NATICK
SOLDIER
CENTER**

Kansas St.
Natick, MA
01760
nsc.natick.army.mil