
Introduction

Canadian equipment to counter the threat of nuclear, biological and chemical (NBC) warfare is recognized for its excellent quality and innovative design. For over 40 years, Canada's defence industry has been at the forefront of technology producing NBC protective equipment that is effective, dependable and easy to use.

From head to toe, the soldier is completely protected against chemical warfare attack in clothing and equipment developed and manufactured in Canada to the most stringent specifications. For added protection, the soldier carries Canadian chemical agent detectors which detect and identify a wide range of hazardous chemicals. If required, there are specially designed combat spectacles that fit comfortably under a gas mask without impairing the mask's effectiveness.

The soldier is also equipped to operate in a nuclear environment and has available a variety of Canadian-made instruments for detecting, measuring and monitoring radiation dose rates.

This catalogue, prepared by Canada's Department of External Affairs in collaboration with the Department of National Defence, provides a representative listing of Canadian companies that design, develop and manufacture NBC protective equipment.

Many of the items shown in this catalogue were developed by scientists at Defence Research Establishment Ottawa (DREO) working closely with Canadian industry. The research programs at DREO utilize and develop new materials and technologies that are used to protect the soldier against nuclear and chemical warfare. Innovative ideas and concepts that accrue from these research programs are further advanced through development contracts with Canadian industry to produce protective equipment. In this way the best possible NBC protective equipment is supplied to the Canadian Forces. This type of R&D activity provides a firm foundation on which Canadian industry can build its expertise in NBC protective products and results in continual improvement in the products they sell. By working closely with Canadian industry DREO is able to establish centres of expertise which can not only conduct the required research on the next generation of protective equipment that will be fielded by the Canadian Forces but also swiftly incorporate the more important advances in current equipment and better meet the needs of the operator today.

For additional information, readers are invited to contact the manufacturers of products reviewed in this guide or to get in touch with:

Defence Programs and Advanced Technology Bureau
Department of External Affairs
L.B. Pearson Building
125 Sussex Drive
Ottawa, Ontario
Canada K1A 0G2

The nearest Canadian Trade Office is also pleased to provide additional details you may require.

Other publications available are the *Canadian Defence Products Guide*, the *Canadian Security Products Guide* and the *Canadian Cold Weather Clothing and Equipment Guide*.