

## Operating Instructions

Status from  
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concerning the use of personal protection equipment according to  
BGR 195 „Rules for the use of protective gloves”

### DESCRIPTION OF THE PERSONAL PROTECTION EQUIPMENT

#### Protective gloves in the Laboratory

Chemical protection, heat protection, low temperature protection and  
one mark protection gloves

### PROTECTION GOALS



Prevention of the endangerment of the skin of the hands by dangerous materials and/or biological substances (poison effects, etching action, sensitization, infection possibility).

Prevention of burns from hot surfaces.

Prevention of cold burns during the handling of deeply cold objects.

Prevention of general skin contaminations.

### HANDLING AND BEHAVIOR RULES



Use appropriate protective gloves for each activity, which can lead to the endangerment of the hands (handling with corrosive, poisonous, sensitizing dangerous materials, activities with pathogenic biological materials, handling hotter or deeply cold articles and/or devices):

Poisonous, corrosive and sensitizing materials: Nitrile gloves type Ultranitril 492.

Hot glass, metal and porcelain parts: Heat protection gloves.

Deep cold articles: Isolating gloves type.

Biological materials and normal dirt (e.g. oil): One mark protection gloves from nitrile or Latex (the latter is not suitable for Latex allergic persons). Use only powder-free Latex protective gloves.

Consider the ruggedness of the protective gloves material as a function of the dangerous substance. One mark protection gloves are only very few or not at all resistant against many chemical, mechanical and thermal effects.

Contaminated gloves immediately remove, clean or dispose. In order to avoid any lubricant contamination do not touch with the gloves the articles not directly involved in the experiment (e.g. telephone receiver, recorder, grasps, keyboards, other laboratory instruments, front slidegate valve, door handle, armatures).

Do not exchange the gloves between different persons.

Do not reuse one mark gloves.

When using liquid-impermeable gloves the skin is heavily loaded by the formation of a damp environment. Therefore carry the gloves for protection only when they are absolutely necessary. During long working periods a glove-free break is recommended. The use of absorbent cotton under gloves is to be considered. The skin condition of persons, who carry such gloves on the average longer than 2 hours per day, should be regularly supervised by the company/institution doctor.

Consider skin cleaning and care in accordance with skin protection plan.

## BAHVIOR IN CASE OF DEFICIENCIES



Do not use overlaid or fragile gloves.  
Do not use gloves with evident deficiencies.  
Do not use contaminated and hardly dirty gloves.

## STORAGE, CLEANING AND CARE



Keep the new gloves in light and temperature protected original packaging.  
Clean the outwardly gotten dirty gloves with cleaning agent and water.

## PUTTING ON AND TAKING OFF



Before use examine the Gloves on damages and leakages (inspection, perform compression test by inflating with air).  
Do not touch the inside part of the gloves with contaminated fingers.