

Information sheet according to DIN EN 420: General requirements for gloves

**NEOPRENE**

User manual for Glovebox Gloves

Neoprene is made of polychloroprene rubber. It provides good resistance to the effects of ozone ageing, oxygen, weathering, heating and chemical products. Neoprene is self-extinguishing material therefore providing excellent flame resistance for the gauntlet. It is the ideal elastomer, which provides best compromise to resist the conjugate action of several potentially harmful agents such as oil and ozone or heat and oil. It allows operating in high oxidising environments including ozone, active oxygen and/or free radicals. It is resistant to natural ageing. Neoprene offers increased resistance to ozone, petroleum based chemicals and heat and oils, whilst maintaining good flexibility.

**MATERIAL PROPERTIES**

**This material is suitable for:**

temperature range: from –20°C to +100°C

Oxidising Products

Acids

Alkalis

Alcohols

Petrol

Mineral Oils

**This glove is not suitable for handling:**

Chlorinated Solvents

Aromatic Solvents

i**CHEMICAL RESISTANCE**

Alcohol ++

Acid, bases ++

Strong Oxidizers +

Ozone, UV, free radicals, natural ageing ++

Cetonic Solvents +

chlorinated Solvents -

Aromatic solvents and oils -

Aliphatic solvents and aliphatic oils ++

***- Not recommended + Usable in some conditions ++ Acceptable +++ Excellent***

**MECHANICAL PROPERTIES**

In accordance with DIN EN 388:2003

Abrasion resistance Degree of protection 0

Cut resistance Degree of protection 1

Tear resistance Degree of protection 1

Puncture resistance Degree of protection 0

**Cleaning**:

• Wash with soapy water, rinse with clean water and low temperature dry (<40°C).

• Do not use chemicals.

• Do not use sharp-edged objects such as wire brushes, sandpaper and similar objects.

• Dry the unsoiled gloves at room temperature.

• If contaminated with chemicals, the gloves are for single use only.

**Storage**:

• Gloves should be stored unbent in a dry and dark environment at a temperature between 5° and 22°C.

• Gloves need to be stored flat with a maximum loading force of 1kg.

• Gloves should never be exposed to direct sunlight.

• To avoid an accelerated aging process, the glove should not be stored in the vicinity of electrical devices in particular near fluorescent tube lamps.

• Recommended shelf life at least 42 months after date of manufacturing, indicated on the glove.

The symbol on the glove indicates the date of manufacture.

**Handling**:

• The gloves should be checked for any damage before use, damaged gloves should not be used under any circumstances.

• All technical figures relate to as delivered condition, unused and not stretched at room temperature (according to ISO374).

• When using not specified chemicals (not mentioned on the chemical list), please contact your chemical supplier, he will advise you.

• Gloves shall not be worn when there is a risk of entanglement by moving parts of machines

**Type of packaging suitable for transport:**

• Please use a black plastic bag (for example PE) as transport packaging.

**Disposal**:

* Non recyclable
* Classified as non-toxic waste providing they have not been contaminated during use

**Options**

Model : 136mm, 156mm, 186mm, 220mm, 300mm

Length : 750- 800 mm

Thickness : 4/10, 6/10