Instructions for use

EN 420:2003+A1:2009; EN 388:2016+A1:2018; EN ISO 374-1:2016+A1:2018 /Type A PPE of the III category

Please read the instructions for use carefully **Complies with the requirements of Regulation (EU) 2016/425**

Product: Gloves protecting against mechanical and chemical risks

Design:	**TEKPLAST**	**Code:**	**3660 001 150 00**	**Size:**	**10, 11**
Material:	Softened PVC on a textile base.				

Purpose: Dry and wet handling of materials. Protection against chemical and mild mechanical risks (abrasion, cutting…). The gloves provide the user with time-limited protection against aggressive liquid chemicals – see the chemical table. **Recommended application:** e.g. in the chemical industry, mechanical engineering, railway and road transport, building industry, when working with disinfectants, acids, lyes, etc. Wear the gloves on clean and dry hands. These gloves can be used at temperatures down to -20°C.

These gloves have been tested according to EN 388-mechanical risks (the higher the number, the higher the protection factor)				
A (0-4)	Abrasion resistance	Model class	3	**A.B.C.D.E.F.**
B (0-5)	Cut resistance (Coupe test)	Model class	1	
C (0-4)	Resistance against further tearing	Model class	1	
D (0-4)	Resistance against perforation	Model class	1	
E (A-F)	Cut resistance (TDM)	Model class	X	
F(P/X or nothing)	Protection against impact	Model class	X	
EN 420+A1 – protective gloves (general requirements)				
(1-5)	Gripping ability	Model class	5	

"X" = gloves were not put to this test.

EN ISO 374-1
This information does not reflect the actual duration of protection in the workplace and does not differentiate between mixtures and pure chemicals. The chemical resistance was only evaluated under laboratory conditions on samples taken from a palm (with the exception of 400mm or longer gloves, when the cuff is also tested) and applies only to the tested chemicals. This resistance may vary if mixtures of chemicals are used. It is recommended to check that the gloves are suitable for the intended use, as workplace conditions may differ from the type test due to temperature, abrasion and degradation. In use, protective gloves may provide less resistance to hazardous chemicals due to changes in their physical properties. Moving, grinding, abrading, and degradation due to contact with chemicals, etc., can significantly reduce the actual usable time. Degradation can be the most important factor in choosing chemical resistant gloves for the purpose of working with aggressive chemicals. Prior to use, check the gloves for defects or imperfections.

EN ISO 374-1 / Type A

Chemicals	**Permeation Class** (min. 0/max. 6)	**Permeation time (minutes)**	**Degradation (%)**	**Appearance after chemical exposure**
A – methanol	**2**	**> 30**	**4.8**	Without visible changes
K – sodium hydroxide 40%	**6**	**> 480**	**- 1,2**	Without visible changes
L – sulphuric acid 96%	6	**> 480**	**- 18,8**	Without visible changes
M – nitric acid 65%	**5**	**> 240**	**- 1,3**	Without visible changes
P – hydrogen peroxide 30%	**6**	**> 480**	**- 7,7**	Without visible changes
T – formaldehyde 37%	**6**	**> 480**	**- 5,6**	Without visible changes

Permeation time for a given chemical product is the time after which the chemical permeates through the glove at the molecular level, sometimes without any visible damage to the glove. **Degradation index** is a degree of damage to the gloves when they are in contact with a specified chemical product; it manifests itself by change of their physical properties, e.g. softening, hardening etc.).

EN 388 – Testing of the gloves was performed in the palm area and in connection with the hazards specified herein. Do not use them as a protection against other hazards and classes. The results only represent model classes, not protection levels (classes). The protective level classes were defined based on the tests performed in the conditions determined in the applicable standards mentioned herein. The protection levels (classes) apply only for new, not washed or cleaned gloves.

Caution: Do not use damaged gloves. Do not use the gloves for handling sharp objects, flames or hot or heated objects. The gloves may only be used for the specified types and concentrations of chemicals. It is necessary to have the gloves tested in advance for each additional chemical. The gloves must not be used in places where they may be caught by moving parts of machines. The gloves meet the requirements for puncture resistance. However, they are not suitable for protection against thin, sharp object, such as injection needles. The mentioned facts may help the user for rational use of this type of protective gloves. It is the responsibility of every user to judge, whether the products are used in suitable conditions.

Instructions for maintenance and decontamination: After working with chemicals, do not touch the surface of the gloves with bare hands. Clean the gloves properly before taking them off. Wash contaminated gloves with warm water and soap or common detergents, then lay them out and let them dry at room temperature. Protect the gloves against radiant heat. The gloves must not be chemically washed or cleaned. If it is not possible to wash the gloves safely, dispose of them as a chemical waste.

Storing and transport: The gloves must be stored at room temperature, in a dry and well-ventilated area. The gloves must be at least 1.5 m away from any heat radiating units. Excessive humidity, high temperature, or intensive light and solar radiation may influence quality of gloves. If possible, do not fold the gloves. The supplier doesn't provide guarantee for such damage. Transport the gloves preferably in their original package. Do not place any sharp or heavy objects on the gloves. The usable life is set at 2 years provided the storage and transport conditions are observed. The gloves are marked with the year and quarter, when they were manufactured.

Hazardous ingredients: This product does not contain any substances known or suspected to adversely affect the hygiene or health of users. Nevertheless, the materials which may come into contact with skin of the user may cause allergic reaction at some sensitive people. Do not use gloves any more, if you notice any skin irritation or allergic reaction. In that case consult a doctor.

Disposal: Not used gloves shall be disposed of with household waste. After the gloves come into contact with chemicals, it is necessary to follow the relevant regulations for waste disposal of the respective chemicals.

Notified body carrying out conformity assessment and periodic inspections: Institut pro testování a certifikaci, a.s., Zlín, tř. T. Bati 299, Louky, 763 02 Zlín, Czech Republic. Notified Body: 1023. For the **Declaration of Conformity** see here: www.canis.cz, in the bar of the individual products – "Documents for download".

(Sample) marking – signature:			
TEKPLAST	**Type of gloves**		Notification on the necessity to read the instructions for use
10	Size	"A"	Production identification
EN388 ISO 374-1/Type A	Pictograms and numbers of standards which the product complies with		Manufacturer's identification
3111X AKLMPT	Design classes, sings of the compounds which the gloves are resistant to	X/XXXX X/XXXX	Month and year of production Use by (month/year)
CE **1023**	Mark of conformity + Notified body No.	ZA/XXXX/XXX CAT III	Lot – mark/year/order number PPE category

If you need more detailed information, contact the manufacturer: Poděbradská 260/59, Hloubětín, 198 00 Prague 9, Czech Republic.