

ZEVS

ZEVS 15E



Filtering self-rescuer with hood for escape from fire ZEVS 15E

Purpose

The self-rescuer is designed to protect the respiratory organs, eyes and head of a person from the effects of toxic combustion products, including carbon monoxide, other chemically hazardous substances and particles in the form of smoke, dust, fog generated during fires, and is used when the concentration of oxygen in the environment is at least 17%.

Application

The self-rescuer is a single-use device for self-rescue of a person during evacuation from fires in hotels, residential and administrative buildings, hospitals, facilities with a large stay of people and other similar objects.

Protective hood

Visor

Inner mask

Exhalation valve unit

Adjustable head harness

Neck seal

Filter assembly



Conditions of use

THE
CONCENTRATION
OF OXYGEN IS
AT LEAST

17%

+40°C
0°C

FOR PROTECTION
IN CASE OF FIRE

ZEVS 15E
provides protection for

15 minutes

The performance properties of the self-rescuer

- The self-rescuer is a single-use device
- The hood has a universal size for adults and children over 12 years old
- The self-rescuer does not need preliminary adjustment
- The self-rescuer bag should only be opened in case of emergency, including fire.

Specifications

Name of indicator	Value of indicator
The initial resistance of the self-rescuer to air flow at a flow rate of 30 dm ³ / min or a constant air flow at a flow rate of 95 dm ³ / min, Pa (mm.w.g.), not more than: - When inhaling - When exhaling	700 (71,5) 300 (31)
The breakthrough time of the self-rescuer filter for test substances at the specified concentration, min, not less than:	
- carbon monoxide, 2500 ml / m ³	15
- carbon monoxide, 5000 ml / m ³	15
- carbon monoxide, 7500 ml / m ³	15
- carbon monoxide, 10000 ml / m ³	15
- hydrogen cyan, 400 ml / m ³	15
- acrolein, 100 ml / m ³	15
- hydrogen chloride, 1000 ml / m ³	15
Coefficient of suction, %, not more than:	
- sulfur hexafluoride in the inner mask space	2,0
- sodium chloride in the visor area	20,0
Filter permeability coefficient by sodium chloride aerosol, %, not more than	6
Volume fraction of carbon dioxide in the inhaled air, %, not more than	2,0
Self-rescuer weight (without bag), g, not more than	600

Advantages

- general protection
- one size for adults and children over 12 years old
- special preparation and training of a user isn't required
- compliance with the requirements of EN 403:2004
- shelf life - 6 years

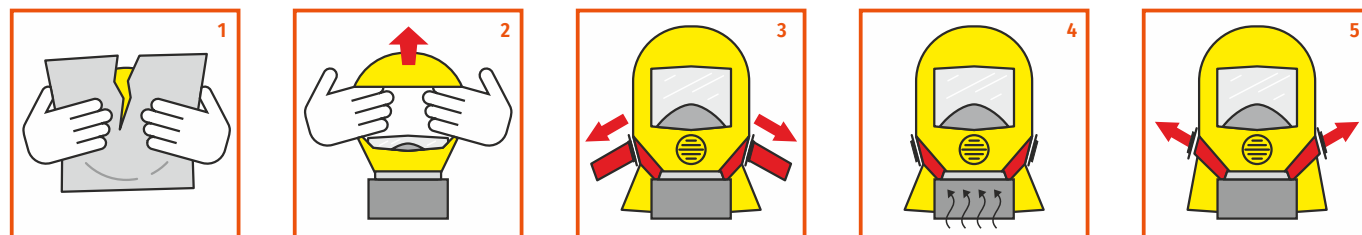


Packaging

Self-rescuers in a sealed package are packed in a bag, which has also got the pictogram and the directions for use. The bag is sealed and can be opened in case of fire.

The order of application

Carefully read the instructions for putting on the self-rescuer located on the bag.



1. Remove the sealed package from the bag, tearing it along the incision, remove the self-rescuer.
2. Stretch the neck seal, put on the hood, half mask should be tightly pressed to face.
3. Pull the head harness straps forward and down.
4. Breathe quietly, leave the dangerous zone.
5. In a safe area, loosen the head harness straps by pulling back the buckle tabs. Remove the hood. Inhaled air may heat up, but this is normal as it indicates the presence of carbon monoxide in the air.

Certification

The self-rescuer complies with the requirements of EN 403:2004 "Respiratory protective devices for self-rescue. Filtering devices with hood for escape from fire. Requirements, testing, marking" to class "M" (designed for people to wear) and "S" (designed for storage).