PAHO Pan American Health Organization World Health Organization Americas Region

KIT FOR CLEANING AND DISINFECTION STAFF – EBOLA



WASTE

BIOHAZARD BAG

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IN THE CARE OF A PATIENT WITH EBOLA FOR 40 DAYS

Items	Quantities (units)	Description	Technical requirements
 **HOOD**	**40**	• Single-use, Tyvek or similar fluid-resistant material. • Face opening constructed with or without elastic, reaches down to the shoulders, total length about 40 cm. • It can be adjusted and stays in place once adjusted.	Notes: The hood provided complies with WHO recommendations and is fluid-resistant, but it is not fluid-proof, which means that a fluid, blood or bodily secretions, can pass through the hood if splashed.
 **GOGGLES**	**40**	• Made of polycarbonate or similar material. • Cover the eyes and surrounding areas. • Compatible with prescription glasses. • Indirect ventilation. • Adjustable strap.	EU Standard Directive 86/686/EEC, EN 166/2002, ANSI/ISEA Z87.1-2010, or Equivalent
 **RESPIRATORS**	**40**	• High resistance to fluids. • Its shape prevents the respirator from easily falling against the mouth.	NIOSH N95, EN149 FFP2 Fluid resistance: minimum pressure of 80 mmHg based on ASTM F1862, ISO 22609
 **COVERALL**	**40**	• Single use. • Sizes L, XL, XXL. • Front closure. Elasticated cuffs and ankles. Hooded.	Meets or exceeds the exposure pressure specified in ISO 16603 Class 3 or equivalent.
 **APRONS**	**140**	• PVC-coated polyester or 100% PVC or 100% rubber or disposable plastic. • Waterproof. • Minimum base weight: 250 g/m². • Adjustable neck strap, reusable. • Cover size: 70–90 cm width x 120–150 cm height, or standard adult size.	
 **GLOVES**	**100 (1 box)**	• Powder-free. • Non-sterile. • The cuff extends to the middle of the forearm (minimum total length of 280 mm).	EU Directive 93/42/EEC Class I, EU Standard: EN 455 89/686/EEC Class III, EN 374
 **HEAVY-DUTY GLOVES**	**40 pairs**	• Heavy-duty gloves. • Powder-free. • Extended cuff protects the wrist and forearm, approximately 40 cm total length. • Sizes: M, L, XL.	EU Standard Directive 89/686/EEC Category III, EN 374. Chemical resistance for AKL EN 374. For biological hazards, performance level 3. EN 388 4101 for abrasion, blade cut, tear, and puncture resistance. EN 420:2004+A1:2009 or equivalent.
 **COVER BOOTS**	**40 pairs**	• Tyvek or similar. Single-use. • Waterproof. • Knee-high, with adjustable straps, approximately 50 cm high.	
 **BIOHAZARD BAG**	**100**	• 40x60 cm biohazard waste bag with the printed • "Biohazard" pictogram, made of polypropylene, autoclavable.	

Sources and resources:
World Health Organization (WHO). Consolidated Ebola Virus Disease Preparedness Checklist. Available at: https://iris.who.int/handle/10665/137096
World Health Organization (WHO). Consolidated Ebola Virus Disease Preparedness Checklist. Available at: https://iris.who.int/handle/10665/137096
Centers for Disease Control and Prevention (CDC). Guidance for Personal Protective Equipment (PPE): Donning and Doffing PPE During Management of Patients with Selected Viral Hemorrhagic Fevers in U.S. Hospitals. Last reviewed: May 2, 2024. Available at: https://www.cdc.gov/viral-hemorrhagic-fevers/hcp/guidance/index.html
Morgan, J., Henriksen, B., & National Emerging Special Pathogens Training and Education Center (NETEC). (2025). Know Your PPE [Guide]. NETEC Resource Library. Available at: https://repository.netecweb.org/items/show/1930