LEADER IN INDUSTRIAL TOOLS & EQUIPMENT

Technical sheet

Image not found or type unknown	**Chemical protective clothing** Marque: HIGUARD Ref Product: wire:HG6920 Ref Mcmining: COMBHG6920

PRODUCT FEATURES	DESCRIPTION
Lightweight, highly breathable protective clothing, with efficient dustproof and liquid splash prevention functions, passed the EN14126:2003 anti-infectious agent test, the product meets the requirements of European standards Type5 and Type6 The fabric adopts advanced microporous membrane technology and composite technology. The product is lighter and more breathable, has a good wearing comfort experience, and is superior in liquid and particle protection performance. It is widely used in electronics, medicine and industrial fields It can effectively protect the particles in the aerosol, and can filter more than 99.9% of the particles with a diameter of less than 3 microns No silicone oil, no formaldehyde and other toxic and harmful substances Fabric Structure The composite of high-quality microporous membrane and non-woven fabric has good air permeability and can block liquid and tiny particles. High-quality fabrics ensure the safety of the wearer while giving a comfortable wearing experience Non-woven fabric binding, compared with ordinary sewing seams, increases the strength of the seams and provides better protection against liquids and particles. **Certification** **Meet EN1149-5 antistatic requirements** **Meet the puncture and flame resistance test required by EN1073-2 standard** **passed the EN14126:2003 anti-infectious agent test,**	
PHYSICAL PROPERTIES	
Flex cracking	ISO 7854: **6**
Tear resistance	EN ISO 9073-4: **2**
Tensile strength	EN ISO 13934-1: **1**
Abrasion resistance	EN530: **2**
Puncture resistance	EN 863: **2**
Resistance to ignition	EN 13274-4: **Pass**
Resistance to blocking	EN 25978: **No blocking**
CHEMICAL PROPERTIES	
Repellency to liquids – 30% H2SO4	EN ISO 6530: **3**
Liquid penetration resistance – 30% H2SO4	EN ISO 6530: **3**
Repellency to liquids – 10% NaOH	EN ISO 6530: **3**
Liquid penetration resistance – 10% NaOH	EN ISO 6530: **3**
BIO-HAZARD DATA	

Synthetic blood penetration	ISO 16603: **6**
Blood-borne pathogen penetration	ISO 16604: **3**
Solid particle penetration resistance	ISO 22612: **3**
Liquid aerosol penetration resistance	ISO/DIS 22611 : **3**
Wet bacteria penetration resistance	EN ISO 22610: **6**
WHOLE SUIT DATA	
Total inward leakage	EN ISO 13982: **PASS**
Whole suit spray test	EN ISO 17491-4 : **PASS**
Seam strength	EN ISO 13935-2: **4**
MISC. DATA	
Anti static EN1149- 5:2018	EN1149-1 : **PASS ON SIDE**
pH	EN ISO 3071 : **3.5~9.5**
PRODUCT APPLICATIONS	
	- Agricultural Production - Cleanroom - Painting - Industry Site - Survey Food - Industry Assembly and manufacturing for the electronics industry - Nuclear industry radioactive particles and dust prevention
Ref Mc Mining	**Size**
COMBHG6920-S	S
COMBHG6920-M	M
COMBHG6920-L	L
COMBHG6920-XL	XL
COMBHG6920-2XL	2XL