

CBRN LEVEL B. Coverall CLD500



BENEFITS

- *Lightweight.*
- *Comfortable.*
- *Large unencumbered panoramic vision.*
- *Filtered air circulation optimized for utility and additional comfort.*

FEATURES

- *CBRN first responder / receiver protective level B coverall.*
- *Industrial and warfare toxic agents protection.*
- *Over pressured compartmented suit for a better protection and comfort during periods of extended wear.*
- *Multi exhaust valves allow for greater mobility, without fear of restricted air flow.*
- *Compatible with all CBRN blowers*



PERFORMANCE REQUIREMENTS OF THE MATERIALS



(REGISTERED MODELS AND PATENTED MATERIALS)

	Specifications	Values	Conformity/Class
Resistance to abrasion (number of cycles)	1 to 6	> 2000	6
Stability to heat (resistance to blocking)	1 to 2		1
Resistance to cracking by flexion (number of cycles)	1 to 5	> 5000	3
Resistance to trapezoidal tearing (N)	1 to 5	> 40	3
Resistance to splitting (kPa)	1 to 5	> 100	3
Resistance to perforation (N)	1 to 5	> 10	2
Resistance to the permeation of chemical products (in minutes)			
- Ammonia	1 to 6	> 33	2
- Hydrogen chloride	1 to 6	382	5
- Chlorine	1 to 6	> 480	6
- Nitric acid at 65%	1 to 6	> 480	6
- Sulphuric acid 95%	1 to 6	> 480	6
- Propionic acid (99% min)	1 to 6	106	3
- Sodium hydroxide (ground 40%)	1 to 6	> 480	6
- Methanol	1 to 6	56	2
- Ethyl acetate	1 to 6	14,3	1
- Methyl ethyl acetone	1 to 6	29	1
- Acetonitrile	1 to 6	> 480	6
- Trichlorethylene	1 to 6	285	5
- Hexane	1 to 6	> 480	6
- Isooctane	1 to 6	> 480	6
- Toluene	1 to 6	> 480	6
- Xylene	1 to 6	> 480	6
- Carbon disulfide	1 to 6	38,5	2
Performance requirements of welding, joints and assembly			
Welding resistance (N)	conforms	> 125	4

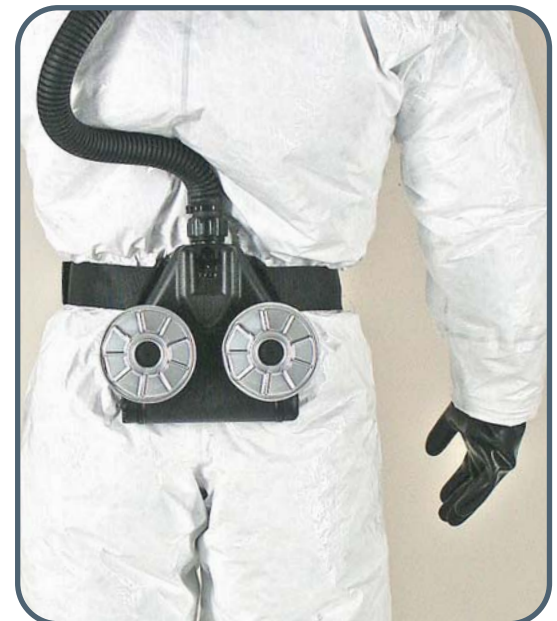
PROTECTION AGAINST BIOLOGICAL THREAT

3TOX® material is compliant with F1671-97b Standard Test: "Method for Resistance of Materials Used in Protective Clothing to Penetration by Blood-Borne Pathogens Using Phi-X174 Bacteriophage Penetration as a Test System".

Recommended for avian flu decontamination and destruction operation

CHEMICAL WARFARE TOXIC AGENTS

- Liquid drop test (10 g/m²) - closed-cell
- Mustard gas
 - new: > 24 hours
 - after ageing: > 24 hours
 - after 5 washings : > 24 hours
- Nerve agents
 - Tabun (GA): > 24 hours
 - Sarin (GB) : > 24 hours
 - Soman (GD) : > 24 hours
 - VX : > 24 hours
- Others
 - Hydrazine : > 480 min.
 - Chloro pikrin : > 480 min.
 - Phosgene : > 480 min.



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TECHNOLOGIES