

SPLASH-SHIELD SS202LC LAB COAT



DESCRIPTION

- The chemical protective clothing is light and has good air permeability. help to effectively harmful dry particles and limited liquid spraying & splash.

FEATURES

Laydown collar

Front zipper clouser for easy donning and doffing

Neoprene rubber(latex free)

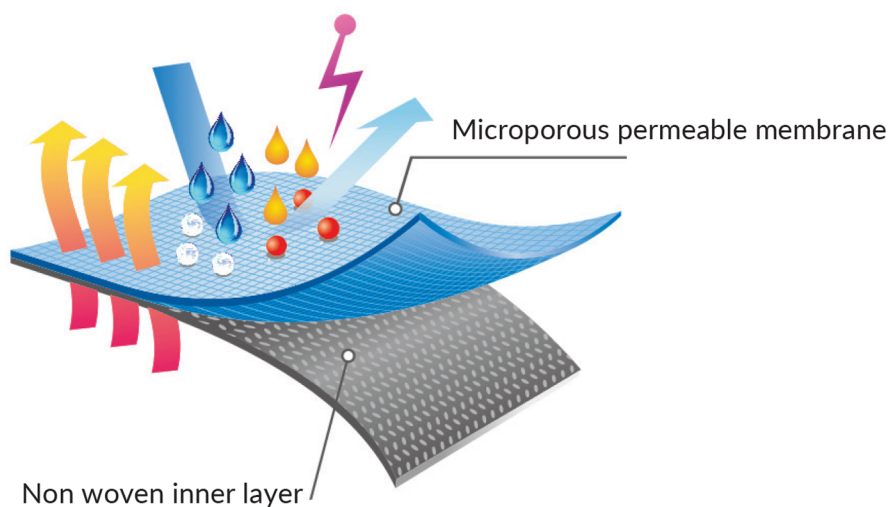


VERSION

FABRIC

The outer layer is a high-quality multi-pore membrane, and the inner layer is anti-adhesive polypropylene non-woven cloth, which can provide excellent penetration protection of dust, liquid, blood-borne pathogens

Size - M, L, XL, XXL



PHYSICAL PERFORMANCE (EN 1073-2)

Test	Test method	Result
Abrasion Resistance	EN ISO 12947-2:2016	Class 1
Puncture Resistance	EN 863:1995	Class 1
Flex cracking resistance	EN ISO 7854:1997, Method B	Class 6
Flex cracking resistance at -30° C	EN ISO 7854:1997, Method B	Class 6
Tensile strength	EN ISO 13934-1:2013	Class 1
Tear resistance (Trapezoidal)	EN ISO 9073-4:1997	Class 2
Seam strength	EN ISO 13935-2:2014	Class 3

Classification of abrasion resistance: Class 1 >10rubs; Class 2 >40rubs; Class 3 >100rubs; Class 4 >400rubs; Class 5 >1000rubs; Class 6 >2000rubs. Hydrostatic head method is used for leak tightness assessment after abrasion.

Classification of puncture resistance: Class 1 >5N; Class 2 >10N; Class 3 >50N; Class 4 >100N; Class 5 >150N; Class 6 >250N.

Classification of leak tightness after compression-folding (Schildknecht) flex cracking resistance: Class 1 >500cycles; Class 2 >1250cycles; Class 3 >3000cycles; Class 4 >8000cycles; Class 5 >20000cycles; Class 6 >50000cycles. Hydrostatic head method is used for leak tightness assessment after compression-folding (Schildknecht) flex cracking.

Classification of leak tightness after compression-folding(Schildknecht) flex cracking resistance at -30° C: Class 1 >100cycles; Class 2 >200cycles; Class 3 >500cycles; Class 4 >1000cycles; Class 5 >2000cycles; Class 6 >4000cycles. Hydrostatic head method is used for leak tightness assessment after compression-folding(Schildknecht) flex cracking resistance at -30° C.

Classification of tensile strength: Class 1 >30N; Class 2 >60N; Class 3 >100N; Class 4 >250N; Class 5 >500N; Class 6 >1000N.

Classification of trapezoidal tear resistance: Class 1 >10N; Class 2 >20N; Class 3 >40N; Class 4 >60N; Class 5 >100N; Class 6 >150N.

Classification of seam strength: Class 1 >30N; Class 2 >50N; Class 3 >75N; Class 4 >125N; Class 5 >300N; Class 6 >500N.



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PRODUCT WHOLE SUIT TEST PERFORMANCE LEVELS

Standard	Result
Type 5: EN ISO 13982-1:2004/A1:2010	Pass
Protective clothing against solid particulates	
Type 5: Chemical Protective Clothing shall meet at least the following requirements: $L_{jmn,82/90} \leq 30\%$ Whole suit test methods for type 5 $L_{5,8/10} \leq 15\%$ Particle inward leakage EN ISO 13982-2:2004	
Type 6: EN 13034:2005+A1:2009	Pass
Protective clothing against light spray/splash proof	
All suits shall pass the test, i.e. the total area on any one undergarment of each suit shall be less than or equal to three times the total calibrated stain area.	
For this suit type, no leakage staining was observed on the dosimeter suit for any of the three suits tested.	
Whole suit test methods for type 6	
Low level spray test ISO 17491-4:2008 method A	
EN 1073-2:2002	Class 1

APPLICATION

Bio pharmaceutical, agriculture spraying, automotive industry, chemical treatment, pharmaceuticals, handling toxic power,
 dust-free room, electronic processing, hazardous substances, printing, light industrial clearing & maintenance, food processing, coating



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