DISPOSABLE CHEMICAL COVERALLS

Engineered for demanding environments, this type-3 protective garment features durable 85 GSM polyethylene film laminated on SMS non-woven material that shields against a wide range of industrial chemicals while offering long-lasting strength and resilience.

Double zip front with storm flap and adhesive tape provides a secure, tightly sealed closure for maximum protection against exposure.

Designed with an elastic waist for improved comfort and freedom of movement.

Sewn and taped seams create a strong, liquid-tight barrier that helps prevent chemical penetration.

Designed with thumb loops, a respirator-fit 3-piece hood, and elastic ankles to maintain secure coverage and reliable protection in demanding environments



PROD. NO. V7016960 | MOD. NO. 2081

IDEAL FOR:

- Chemical handling and transportation
- Hazardous waste spill and splash remediation
- Environmental/ biohazard cleanup
- Pharmaceuticals
- Manufacturing
- Agriculture

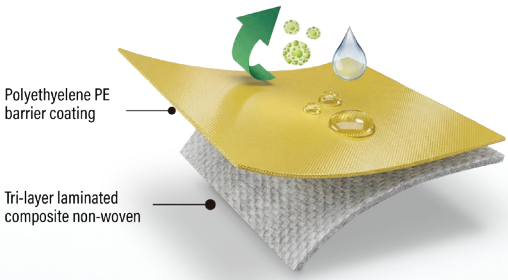
TYPE 3B 3 EN 14605 | TYPE 4B 4 EN 14605 | TYPE 5B 5 EN ISO 13982-1

EN 1073-2 **Tested to EN 1073 against radioactive contamination**

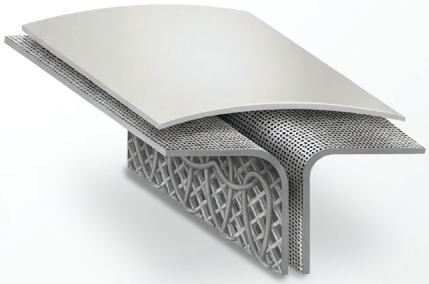
EN 14126 **Tested to EN 14126 against infectious agents (biohazard)**

EN 1149-5 **Anti-static tested to EN 1149 Electrostatic properties**

MATERIAL DIAGRAM



SEAM DIAGRAM



MEASUREMENT (IN)	S	M	L	XL	2XL	3XL	4XL	5XL
OVERALL LENGTH	63	65	68	70	72	74	76	77
FULL CHEST	23	24	26	28	29	31	31	32
INSEAM	28	30	32	33	33	34	35	35
SLEEVE LENGTH	35	35	37	38	39	40	41	42

DISPOSABLE CHEMICAL COVERALLS

PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULT
THICKNESS	ISO 9073-1	200 microns
BASIS WEIGHT	ISO 9073-2	85 gsm
BURSTING STRENGTH	ASTM D3787	32.3 lbf
TENSILE STRENGTH AND ELONGATION, STRIP METHOD (MD)	EN ISO13934-1	170N
TENSILE STRENGTH AND ELONGATION, STRIP METHOD (CD)	EN ISO13934-1	107N
TEAR RESISTANCE -TRAP TEAR(MD)	EN 9073-4	64N
TEAR RESISTANCE-TRAP TEAR (CD)	EN 9073-4	36N
ABRASION	EN530	>2000 Cycles
IGNITION AND FLAMMABILITY	EN 13274-4	Pass
BLOCKING RESISTANCE	EN 25978	Pass
FLEX CRACKING RESISTANCE	EN ISO 7854	>100,000 Cycles
PERFORATION	EN1073-2	>10N

PHYSICAL PERFORMANCE OF COVERALL FABRIC TEST RESULT/CLASS/CONFORMITY

EN13688: 2022			
PH (EN340-ISO3071) PASS			
AMINES (EN340-ISO3071) PASS			
RESISTANCE TO PENETRATION AND REPELLENCY OF CHEMICALS EN ISO 6530			
CHEMICALS	PENETRATION	REPELLENCY	EN CLASS
SULPHURIC ACID (30%)	< 1%	>95%	3 OF 3
SODIUM HYDROXIDE (10%)	<1%	>95%	3 OF 3
O-XYLENE	<1%	>95%	3 OF 3
BUTAN-1-OL	<1%	>95%	3 OF 3



DOUBLE ZIPPER WITH ADHESIVE FLAP

COVERALL SEAMS PERMEATION BY LIQUIDS (EN ISO 6529-EN 14605)

TEST METHOD	CHEMICAL	RESULT	EN CLASS	EN CLASS (SEAMS)
EN ISO 6529	FERRIC CHLORIDE	>10 MINS	1 OF 6	1 OF 6
EN ISO 6529	FERROUS CHLORIDE	>10 MINS	1 OF 6	1 OF 6
EN ISO 6529	FORMALDEHYDE 10%	>60 MINS	3 OF 6	3 OF 6
EN ISO 6529	POTASSIUM PERMANGANATE	>30 MINS	2 OF 6	2 OF 6
EN ISO 6529	SODIUM HYDROXIDE 50%	>60 MINS	3 OF 6	3 OF 6
EN ISO 6529	SODIUM HYPOCHLORITE 14.5%	>60 MINS	3 OF 6	3 OF 6
EN ISO 6529	SULPHURIC ACID (96%)	>480 MINS	6 OF 6	6 OF 6

Note: Testing is performed on fabric samples only, not finished garments. Sources for all test data are independent laboratory conditions and not actual use conditions. It is the user's responsibility to select an appropriate PPE and determine how long the garment can be worn for the particular use. Neither this document nor any other statement made herein shall be construed as a warranty of merchantability to fit for a particular purpose.