

KEM-SHIELD KS400P ELASTICATED WAIST PANT



DESCRIPTION

- › Protect against a variety of harmful chemicals under direct injection pressure (Type 3) and chemicals liquid spray penetration (Type 4).
- › Strong and durable
- › Anti-static
- › Outstanding barrier against various chemicals & acids

FEATURES

High density polyethylene (HDPE) coated with polypropylene provides effective protection against common inorganic chemicals and certain organic chemicals.

APPLICATION

Biological hazard treatment, acid and alkali chemical treatment, pollution removal, disease Epidemic treatment, industrial cleaning and maintenance, oil treatment, storage tank cleaning, petrochemical and oil refining applications, sewage purification, protection against radioactive particles in nuclear industry.



VERSION

FABRIC

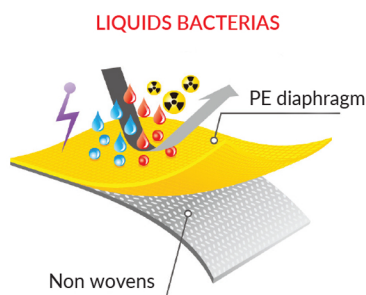
The fabric is strong and durable, and can effectively protect against a variety of chemicals and dust particles.

The fabric colour is high visibility YELLOW to make the wearer safer.

Size - M, L, XL, XXL

HAZARD TYPE

Certain limited liquid splash, biological hazards, and solid airborne particle protection dust, light liquid splash, acid and alkalis, chemicals. It can effectively protect against a variety of harmful chemicals under direct injection pressure (Type 3) and chemicals liquid spray penetration (Type4). The fabric is strong and durable with high-cost performance.



PHYSICAL PERFORMANCE (KEMSHIELD)

Test	Test method	Result
Abrasion Resistance	EN 530	Class 5
Flex cracking resistance	EN ISO 7854 B	Class 6
Tear resistance (Trapezoidal)	EN ISO 9073-4	Class 3
Tensile strength	EN ISO 13934-1	Class 3
Puncture Resistance	EN 863	Class 2
Seam strength	EN ISO 13935-2	Class 4
AZO Colourants	EN 14362-1	Pass
Anistaticity	EN 1149-5	Pass
ph Value	EN ISO 3071	Pass
Colour Fastness to perspiration	EN ISO 105-E04	Pass

REPELLENT BY CHEMICAL RESULTS (KEMSHIELD)

Chemical	Test method	Penetration	Repellency
30% Sulphuric Acid	EN ISO 6530	Class 3	Class 3
10% Sodium Hydroxide	EN ISO 6530	Class 2	Class 3
O-Xylene	EN ISO 6530	Class 2	Class 3
Butan-1-ol	EN ISO 6530	Class 2	Class 3

APPLICATION

used for splash protection in a variety of industrial environments, including general manufacturing, food processing, chemical processing and pharmaceutical, petrochemical, manufacturing.

