



KLEENGUARD® A25 Product Description

Intended Use

KLEENGUARD A25 Protective Garments*

- *Limited life protective clothing designed to protect the user against liquid chemicals in the form of light splashes, sprays and aerosols where the chemical is considered of low risk and the risk of chemical exposure is low.*
- *Approved as Complex Design (category 3) equipment offering protection to the levels specified for Type 6 (limited splash) and Type 5 (particulates).*

Product Description

Kimberly-Clark has invested in garment design and in the development of materials specifically for protective clothing to be able to offer the user the ideal combination of protection with comfort.

The fabric

KLEENGUARD A25 Garments are made from an engineered non-woven structure called SMS which was invented by Kimberly-Clark and initially used to offer medical staff protection with comfort in critical conditions. The fabric has been developed to suit it for the challenges of industrial applications. The 3 layers of the fabric are made up of polyolefin fibres, which are carefully engineered to deliver a combination of strength, durability and protection. The outer layers use large strong fibres to resist wear and tear and protect the central core layer. The centre of the structure is made up of closely packed fine fibres, which act as a highly efficient filter to particles, and as a barrier to many liquids.*

The stretch panel is another engineered laminate designed to provide increased flexibility and range of motion for the user. It consists of an elastomeric film and a non-woven which combine for comfort, stretch and strength.

The seams

To provide high strength seams with barrier properties serged seams are used with triple overlock stitching.

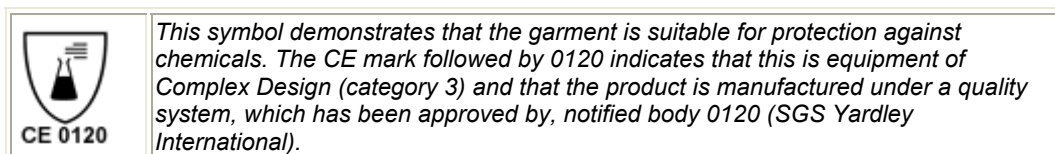
The zip










Top quality full-length zips are used with stoppers to prevent strain.

Silicone free

All components are carefully selected and specified as silicone free – an important reassurance for anyone working with paint or sensitive surfaces.

Symbols and Marking on the Garment



	EN 13034: 2005 Type 6 - Limited use clothing offering limited splash protection.
	ENISO 13982-1: 2004 Type 5 - Limited use clothing offering particle protection.
	The open book pictogram - indicates that the user should read and understand the USER INSTRUCTIONS before using the garment.
	Inflammable. Keep away from open flames, sparks or intense heat sources. The fabric will begin to melt at approximately 120°C .
	Do not wash.
	Do not tumble dry.
	Do not use chlorine-based bleach.
	Do not iron.
	Do not dry clean.

Product Performance Data

To be certified as a Type 6 and Type 5 chemical protective garment, KLEENGUARD* A25 Garments must meet certain performance requirements laid down by CEN, the European committee for normalisation. The standards apply throughout all member states of the EU.

For each property test data is classified into bands indicated by a CLASS number on a scale where 1 is lowest. There are a different number of classes for different tests. For some tests a simple pass/fail result is given.



Limited Use Chemical Protective Clothing EN 13034: 2005 Type 6 Limited Splash ENISO 13982-1: 2004 Type 5 Particulate

Property	Test Method	Class/Result
Abrasion Resistance	EN 530 M2	Class 1 (visual)
Flex Cracking	EN ISO 7854 MB	Class 1
Trapezoidal Tear Resistance	ISO 9073-4	Class 1
Tensile Strength	EN ISO 13934-1	Class 1
Puncture Resistance	EN 863	Class 1
Repellency to Liquid Chemicals	EN 368	10%NaOH Class 3 30%H ₂ SO ₄ Class 3
Resistance to Penetration by Liquid	EN 368	10%NaOH Class 3

<i>Chemicals</i>		<i>30%H₂SO₄ Class 3</i>
<i>Resistance to Ignition</i>	<i>EN 13274-4 M3</i>	<i>PASS</i>
<i>Seam Strength</i>	<i>EN ISO 13935-2</i>	<i>Class 2</i>
<i>Resistance to Penetration by Liquids (spray test)</i>	<i>EN 468 (modified)</i>	<i>PASS</i>
<i>Particle Inward Leakage (taped at the hood, wrist & ankles)</i>	<i>EN ISO 13982-2</i>	<i>PASS</i> <i>IL 82/90 <30%, TILS 8/10 <15%,</i>

DEDICATED TO PROTECTING YOU

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