

Suprel™ LS

Questions & Answers

For quick reference, a listing of all questions is given first, followed by questions and answers together.

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3. For what class clean rooms are Suprel™ LS garments suitable?
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13. Do Suprel™ LS garments contain natural rubber latex?
14. Do Suprel™ LS garments contain silicone oils?

1. What is unique about Suprel™ LS?

DuPont™ Suprel™ LS offers an ideal balance of breathability and barrier protection that offers a soft feel for increased comfort.

2. Are Suprel™ LS garments offered in any other colors than traditional white?

DuPont™ Suprel™ LS brand of cleanroom garments are available in white or blue.

3. For what class clean rooms are Suprel™ LS garments suitable?

Suprel™ LS garments are suitable for ISO Classes 6-8 (former Federal standard 209E classes 1000 - 100,000) clean rooms depending on the garment design and processing, as well as the needs of specific applications. It is the end-user's responsibility to determine the appropriate garment for a given application.

4. Are sterile versions of Suprel™ LS garments offered?

Suprel™ LS sterile garments are validated to a Sterility Assurance Level of 10^{-6} using gamma irradiation, in accordance with ANSI/ISO/AAMI 11137. A certificate of sterility is provided with each case of sterile garments and can also be found on our website. [Click here for Certificate of Sterility Website.](#)

5. How are Suprel™ LS garments packaged?

Suprel™ LS garments are available in the following options:

Bulk Packaged: garments packed in two polyethylene case liners and cardboard case.

Sterile: garments are individually bagged then packed in two polyethylene case liners and cardboard case. The garments are then sterilized using gamma radiation.

6. I have noticed an odor in my sterile Suprel™ LS garment. Is this normal?

Suprel™ LS garments that have been sterilized using gamma irradiation will sometimes exhibit an odor, particularly when the packaging is first opened. This is normal with gamma sterilization.

7. What is the shelf life of sterile Suprel™ LS garments?

Sterile items are generally considered to remain sterile as long as the package integrity has not been compromised (no breach of package seals). DuPont suggests that sterile Suprel™ LS garments be used within 5 years of the irradiation date on the Certificate of Sterility.

High temperature, oxidizing gases, wet, cold, ultraviolet and ionizing radiation will significantly impact the long-term life of garments made of Suprel™ LS. These factors should be considered when evaluating the long-term storage of Suprel™ LS garments.

8. Are Suprel™ LS garments static dissipative?

The Suprel™ fabric used in Suprel™ LS garments is treated with a topical antistatic agent to help minimize nuisance static build-up and prevent garment cling.

Note: In order for any garment ensemble to dissipate static, it must be able to drain a charge buildup through proper grounding devices, either through workstation grounding clips or static-dissipative floors. The end-user has responsibility for assessing the garments suitability for use. Gamma irradiation of sterile garments may affect static dissipation performance.

9. Can garments made with Suprel™ LS fabric be reused?

Suprel™ LS garments are designed for limited-use. They can be worn until damaged, altered or contaminated. These garments should not be laundered for reuse in protective apparel or cleanroom applications. Damaged, altered or contaminated garments should be disposed of in accordance with applicable laws and regulations.

10. Are Suprel™ LS garments water repellent?

Suprel™ LS fabric offers limited splash protection, resists water penetration, is nonabsorbent, and has equal strength, wet or dry. Seams and closures may offer less barrier than fabric. Suprel™ LS garments are not recommended for protection from hazardous chemicals.

11. At what temperatures would Suprel™ LS melt?

Suprel™ LS fabric melts at 257°F (125°C). Suprel™ LS garments are not flame resistant or flame retardant. Garments should not be used around heat, flame, sparks, or in potentially flammable or explosive environments.

12. How can Suprel™ LS garments be disposed of?

The preferred method of disposal is incineration or burial in a landfill in accordance with applicable local, state, national, EC and/or federal regulations.

13. Do Suprel™ LS garments contain natural rubber latex?

As of January 1, 2006, Suprel™ LS garments are manufactured under specifications that exclude components containing natural rubber latex. Anyone who begins to exhibit allergic response during the use of DuPont products should immediately cease using these products. The incident should also be reported to DuPont at 1-800-441-3637.

14. Do Suprel™ LS garments contain silicone oils?

In the past, DuPont has found that threads and zippers can be the most significant source of silicone oil contamination in garments. DuPont specifies that threads and zippers used in Suprel™ LS garments be manufactured without the use of silicone oils. DuPont cannot guarantee the absence of silicone oils on these garments.