

DuPont™ Suprel™ LS protective apparel

TECHNICAL DATA SHEET

Outstanding protection paired with exceptional comfort.



DuPont™ Suprel™ LS protective apparel

DuPont™ Suprel™ LS offers a superior balance of breathability and barrier protection combined with a soft, comfortable feel. Based on DuPont Advanced Composite Technology, Suprel™ LS is a patented bi-component fabric. Garments made with Suprel™ LS have a soft, tactile feel and provide a greater ease of movement, so you may stay comfortable while you work.

Key Benefits

- Outstanding comfort
- Clean
- Breathability
- Available either gamma sterilized or bulk packaged

Wide Range of Applications

Developed specifically for the Life Science, Pharmaceutical, Biotechnology and Medical Device manufacturing industries, Suprel™ LS can be used in both sterile and non-sterile environments. Backed by years of innovation and proven science-based solutions, DuPont products help ensure the protection of your products and workers in sterile and non-sterile production processes from the threat of contamination.

Different Choices to Meet Your Needs

Suprel™ LS is available in a wide variety of garment and accessory styles for all your protection needs. This patented material provides an exceptional balance of properties compared to spun-bonded polypropylene (SBPP), SMS/SMMS and microporous (MF) garments at a comparable price. Suprel™ LS provides a low cost alternative while still offering a high level of protection, integrity and comfort.



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Typical Physical Properties of DuPont™ Suprel™ LS

Property	Units	Suprel™ LS	Standard
Basis Weight	oz/yd ²	1.8	IST 130.1, EDANA 40.3-90
Particle Filtration Efficiency (0.5 µm)	%	86	ASTM 2100-01
Bacterial Filtration Efficiency (2.8 µm)	%	97	ASTM 2101-01
Hydrostatic Head	cm H ₂ O	83	AATCC 127, IST 80.6-01
Frasier Porosity	cfm	25	ASTM D737-96, IST 70.1
Grab Tensile, MD	lbs	34	ASTM D5034-95, IST 110.1
Grab Tensile, XD	lbs	20	ASTM D5034-95, IST 110.1
Particle Shedding (Helmke Drum)		Category II	IEST-RP-CC003.3

We believe this information is the best currently available on the subject. It is offered as a possibly helpful suggestion in experimentation you may care to undertake along these lines. It is subject to revision as additional knowledge and experience are gained. DuPont makes no guarantee of results and assumes no obligation or liability whatsoever in connection with this information.

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*Anyone intending to use this information should first verify that the garment selected is suitable for the intended use. In many cases, seams and closures may provide less barrier than the fabric. If the fabric becomes torn, abraded or punctured, end user should discontinue use of garment to avoid compromising the barrier protection. **SINCE CONDITIONS OF USE ARE OUTSIDE OUR CONTROL, WE MAKE NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE AND ASSUME NO LIABILITY IN CONNECTION WITH ANY USE OF THIS INFORMATION.** This information is not intended as a license to operate under or a recommendation to infringe any patent, trademark or technical information of DuPont or others covering any material or its use. **WARNINGS:** 1) DuPont garments and accessories for controlled environments are not flame-resistant and should not be used around heat, flame, sparks or in potentially flammable or explosive environments. 2) Garments made of Tyvek® should have slip-resistant or antislip materials on the outer surface of boots, shoe covers or other garment surfaces in conditions where slipping could occur.*

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