



Pharmaceutical production

All professional tasks performed in pharmaceutical and biotechnology manufacturing industries such as aseptic processing, handling chemical and biological substances, handling hazardous drugs, packaging, cut and heat protection, as well as protection against other cleanroom hazards.

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Kevlar. | **Nomex.** | **Tyvek.** | **Tychem.**

Task	Hazards	Our Solutions
	<p>Aseptic processing in cleanrooms and controlled environments</p> <p>Contamination of the final product</p>	<p>Tyvek® IsoClean® Unhooded Coverall IC 183 DS Provides barrier against microorganisms and non-hazardous water-based liquid splash. Breathable and low linting, aseptically folded and packed in a dual barrier packaging system for contamination risk reduction. Recommended for GMP A/B cleanrooms, certified Cat III Type 5B & 6B chemical and biological protective cleanroom garments. To be worn together with IC 668 hood, IC 458 bootcovers and Sierra™ facemask.</p> 
	<p>Pharmaceutical manufacturing</p> <p>Liquid aerosols, liquid splashes or toxic airborne solid particulates</p>	<p>Tyvek® 600 Plus Ideal balance of protection, durability and comfort. Tyvek® is permeable to both air and water vapour, yet repels water-based liquids and aerosols. It offers an excellent barrier against fine particles and fibres. Ideal for handling active pharmaceutical ingredients. Recommended for GMP C/D cleanrooms, certified Cat III Type 4B, 5B & 6B chemical and biological protective cleanroom garments.</p> 
	<p>Chemical processing</p> <p>Toxic organic, inorganic chemicals and biological hazards</p>	<p>Tychem® 6000 F FaceSeal Made from a lightweight and durable fabric consisting of a proprietary barrier film laminated to a heavy duty Tyvek® substrate. The garment offers excellent chemical permeation resistance to an extensive range of chemicals. Ideal for handling solvents, certified Cat III Type 3B, 4B, 5B & 6B chemical and biological protective cleanroom garments.</p> 
	<p>Machinery maintenance</p> <p>Chemical and cut Protection</p>	<p>Kevlar® gloves Industry-leading cut performance with built-in heat, flame and arc flash resistance. Lightweight, highly breathable and less rigid—giving users the comfort they want.</p> 
	<p>Handling explosive chemicals</p> <p>Fire and electric arc protection</p>	<p>Nomex® garments Nomex® shields the wearer from heat and flame and protects him from body burns. Nomex® fabrics and garments enable lightweight solutions with excellent moisture management. Also exists as Nomex® filament for FR cleanroom garments and as Nomex® knitwear for FR undergarments.</p> 

For more information on our complete and most suitable solutions, please visit our online selector tool SafeSPEC™.



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DuPont Personal Protection

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