



Personal protective equipment (PPE) for the electric vehicle manufacturing industry

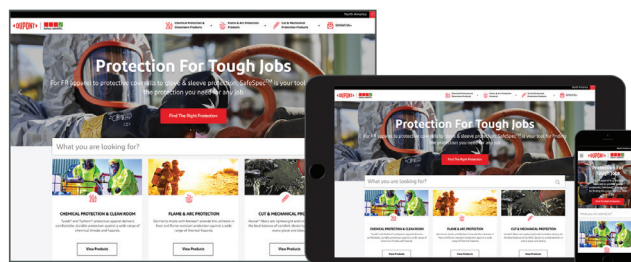
Workers in the electric vehicle manufacturing industry face many on-the-job hazards, including slick, oily surfaces; hazardous chemicals; exposure to dust, solvents and paint spray; and flame and electric arc hazards — to name just a few.

Battery pack production is a major activity unique to electric vehicle manufacturing that poses significant risk for chemical contact exposures. Additionally, battery handling may require the need for flame-resistant or arc flash protective clothing.

DuPont offers a wide range of protective clothing—from low protection to high—that addresses the needs of manufacturing workers. With DuPont protective apparel, employers can enjoy peace of mind knowing that their workers are protected from a variety of hazards so that they can perform at their best.

Additionally, the manufacture of electric vehicles requires contamination control at many stages of the process, as products and processes need to be kept free of particles generated by humans and clothing. DuPont offers low-linting protective apparel options to help keep products and processes safe from particle contamination.

Customer support—we're here to help



SafeSPEC™

Our powerful web-based tool can assist you with finding the appropriate DuPont garment for a particular chemical hazard. The DuPont™ SafeSPEC™ app is also available for mobile use.

safespec.dupont.com

Certified Industrial Hygienist team

A DuPont Certified Industrial Hygienist can conduct a job hazard assessment to help you determine the best DuPont garment for a specific hazard.

Request a sample

See the value of DuPont™ Tyvek®, DuPont™ Tychem® and DuPont™ ProShield® for electric vehicle manufacturing applications firsthand. Contact DuPont Personal Protection Customer Service at 1-800-931-3456 to request a sample garment.

DuPont options**	Dirty jobs	Hazardous particles	Contamination control	Liquid chemical splash	Secondary flame resistance	Primary flame resistance	Electric arc flash
Tasks	Maintenance & cleaning	Dry mixing Cell assembly Vehicle assembly	Slurry preparation Cell assembly	Slurry preparation Cell assembly Maintenance & cleaning	Emergency response	Emergency response	Cell assembly Vehicle assembly Emergency response



ProShield® 6 SFR TM127SBU¹

Cost effective cover to protect reusable FR garments while also protecting from non hazardous particles and aerosols



ProShield® 60 NG122SWH²

Offers a barrier against non hazardous particles, light liquid splash, and aerosols



Tyvek® 400 TY122SWH²

An ideal balance of protection, durability and comfort, offering a barrier against hazardous particulates and light liquid splash



Tyvek® IsoClean® IC253BWH

Inherent barrier to particles that is also breathable and exceptionally low linting; clean processed options are available



Tyvek® 500 HV TY125SHV²

Bright fluorescent orange color background material combined with silver gray retroreflective material make the garment highly visible during the day and at night (when exposed to a light source) ANSI/ISEA 107 certified.



Tyvek® 600 TY198TWH

The durability and comfort of Tyvek® with taped seams and chemical permeation barrier to low concentration water-based inorganic chemicals



Comparison within the DuPont portfolio: Acceptable for use
(Blank) Not recommended

continued

* More garment styles available.

**Please see last page for additional information.

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Tyvek® 800 TJ198TWH²
Ideal for situations that require protection from liquid spray, even in pressurized jet form; The taped seams provide additional splash resistance



Tychem® 2000 QC127TYL²
Flexible, durable and lightweight protection from >40 chemical challenges



Tychem® 2000 SFR QS127TGR¹
Chemical and secondary flame protection in a lightweight garment



Tychem® 4000 SL127TWH²
Rugged and durable fabric provides protection against >120 chemical challenges



Comparison within the DuPont portfolio: ✓ Acceptable for use
(Blank) Not recommended

continued

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**Please see last page for additional information.

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**Tychem® 6000
TF145TGY™**

Strong and durable with a broad chemical barrier and protection against >180 chemical challenges





**Tychem® 6000 FR
TP198TOR™**

Helps provide triple-hazard protection from chemicals, flash fire and electric arc; TP198T and TP199T are certified to NFPA 1992



Comparison within the DuPont portfolio:  Acceptable for use
(Blank) Not recommended

* More garment styles available.
 **Please see last page for additional information.

****WARNING:** Tyvek®, ProShield®, and most Tychem® garments, including Tychem® 2000 Tape, should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 10000 FR, Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

¹ProShield® 6 SFR and Tychem® 2000 SFR coveralls provide only secondary flame-resistant protection. They must always be worn over an appropriate primary flame-resistant garment and primary flame resistant hood/balaclava in an environment that needs flame protection, along with other personal protective equipment that protects your face, hands and feet.

²Do not wear non-flame-resistant garments in potentially flammable or explosive atmospheres. Consider instead flame-resistant or secondary flame-resistant garments must be worn over primary flame-resistant garments.

This information is based upon technical data that DuPont believes to be reliable. It is subject to revision as additional knowledge and experience become available. It is the user's responsibility to determine the level of toxicity and the proper personal protective equipment needed. The information set forth herein reflects laboratory performance of fabrics, not complete garments, under controlled conditions. This information is intended for use by persons having the technical expertise to undertake evaluation under their own specific end-use conditions, at their own discretion and risk. Anyone intending to use this information should first check that the garment selected is suitable for the intended use. The end-user should discontinue use of garment if fabric becomes torn, worn or punctured, to avoid potential chemical exposure. Since conditions of use are beyond our control, DUPONT MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE 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 trademark, patent or technical information of DuPont or other persons covering any material or its use.



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