

PERSONAL PROTECTIVE EQUIPMENT (PPE) FOR THE OIL AND GAS SECTOR



In the oil and gas industry, PPE is worn across the board but varies site-by-site according to the chemical hazards encountered.

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

USES FOR DUPONT PPE

Upstream

The upstream oil sector encompasses a variety of worker tasks that may require differing levels of protection, from equipment maintenance to oil-based drilling. Hazards vary from low-level dirt and grime to low concentrations of chemicals in oil-based muds.

Mid- and Downstream

Workers may be exposed to a variety of chemical hazards on a site-by-site basis. Sulfuric acid and caustic chemicals are used at most sites as part of the refining process. Many sites also use a variety of solvents, including benzene, xylene and toluene. Key activities include:

- Taking chemical samples
- Breaking lines
- Loading and unloading rail cars or tankers
- Drumming product

CUSTOMER SUPPORT—WE'RE HERE TO HELP



DuPont™ SafeSPEC™

Our powerful, web-based tool can assist you with finding the appropriate DuPont garment for a particular chemical hazard.

























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 Tyvek® and Tychem® for oil and gas applications firsthand. Visit onlytyvek.com to request a sample Tyvek® garment. Contact DuPont Personal Protection Customer Service at 1-800-931-3456 (U.S.) or 1-800-541-2202 (Canada) to request a sample Tychem® garment.

UPSTREAM				MID- AND DOWNSTREAM Chemical and Petrochemical Handling		
	Secondary FR	Dirty Jobs	Oil-based Drilling	Caustic Chemical and Sulfuric Acid Protection	Solvent Protection (Benzene, Xylene, Toluene)	Flare Line Protection
 ProShield® 6 SFR* Cost-effective cover to protect reusable FR garments while also protecting from non-hazardous particles and aerosols						
 Tyvek® 400* An ideal balance of comfort, durability and protection against hazardous particulates and light liquid splash ¹						
 Tychem® 2000* Flexible, durable and lightweight protection from >40 chemical challenges; Protection from light concentrations of chemicals in muds						
 Tychem® 2000 SFR* Chemical and secondary flame protection in a lightweight garment ²						
 Tychem® 4000* Effective protection against a range of chemicals, providing at least 30 minutes of protection against >120 chemical challenges						
 Tychem® 5000* Strong and durable garment for rigorous activities and rugged situations involving liquid splash; provides barrier against a broad range of chemicals						
 Tychem® 6000* Strong and durable with a broad chemical barrier and protection against >180 chemical challenges						
 Tychem® 6000 FR* Provides triple-hazard protection from chemicals, flash fire and electric arc; TP198T and TP199T meet the requirements of NFPA 1992 and NFPA 2112 ³						

*Garment styles available.

¹ Garments made using Tyvek® 400 fabrics will burn and possibly melt. None of these garments should be worn near heat, open flames, sparks or any other possible ignition source, nor should they be worn in potentially explosive or flammable environments. If these garments do burn or melt while being worn, it may increase the severity of burn injuries even worn over garments which are flame resistant, including, but not limited to, Nomex® IIIA or Nomex® Comfort garments.

² Tychem® 2000 SFR coveralls provide only secondary flame-resistant protection. They must always be worn over an appropriate primary flame-resistant garment in an environment that needs flame protection, along with other personal protective equipment that protects your face, hands and feet.

³ Most Tychem® garments 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. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR and Tychem® 2000 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.

Visit SafeSPEC.DuPont.com to determine the most appropriate DuPont protective garments for your chemical hazard.

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Customer Service:**

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Canada 1-800-541-2202

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