WHEN THE SAFETY OF OTHERS RESTS ON YOUR SHOULDERS,
there’s one company that never stops innovating ways to keep your people safe,
DuPont. Today, the people of DuPont continue to leverage our 200-year history
of science and innovation to help you keep up with the latest hazards and threats.
And because things can change with a moment’s notice, we support you with
a 24/7 emergency hotline, 800-441-7515.

Visit personalprotection.dupont.com to see how
your first responders and industrial workers can
BE DUPONT READY.
when it’s your job to prepare for the worst, there’s one company that offers the best in personal protection, DuPont. HAZMAT teams, military, law enforcement officers, firefighters, emergency medical personnel and industrial workers know us by name. Because our scientists and engineers have created the protective gear that’s helped keep them safe from biological, chemical, radioactive, ballistic, flame and arc hazards for years.

But how do you know you’re getting the protective garments that are up to the tasks your people confront? First of all, we know the value and importance of the National Fire Protection Association (NFPA) when it comes to keeping your people safe. DuPont garments are designed and engineered to meet the NFPA Standards referenced in the Standard Equipment List (SEL). In fact, no other company offers a wider range of garments for such a wide range of hazards. And we continue to innovate to meet the latest standards, like the recent 2007 edition of the NFPA 1994 Standard on Protective Ensembles for First Responders. So all your people can be Dupont Ready.
Helping to ensure that your people have the best protection available.

At DuPont, our scientists and engineers are involved in more than creating the latest, innovative science-based solutions for personal protection. That's why we developed THERMOMAN®, the thermal mannequin that lets us study burn injuries and the performance of whole garments in temperatures up to 2,000 degrees. Our garments exceed NFPA requirements and are third-party certified in injuries and the performance of whole garments in temperatures up to 2,000 degrees.

And we continue to use our technical experience to develop advanced technologies to help protect first responders and industrial workers around the world.

Choosing the garment for the task.

Choosing the right garments to give your first responders or industrial workers the level of protection they deserve is not an easy job. That's why we developed the DuPont™ SafeSPEC™ chemical hazard assessment tool – our advanced online hazard assessment tool. This easy-to-use, interactive software tool is downloadable to your desktop to provide easy access to the data you need to help you make informed decisions about protective apparel. To see the new DuPont™ Tychem® BR garment faster and easier to don and doff, visit personalprotection.dupont.com

The new DuPont™ Tychem® BR garment meets the stringent Class 2 requirements of the 2007 edition of NFPA 1994. This is now the highest level of protection under the revised standards. This limited-use protective ensemble gives first responders an increased level of protection when they need to respond to a chemical, biological or radioactive terrorist incident quickly and effectively.

The redesigned Tychem® BR garment offers increased vapor and liquid protection without full encapsulation. Integrated gloves provide a tighter seal. And when every second counts, the gloves and a rear-entry zipper closure make the garment faster and easier to don and doff.

Part numbers:
Both garments are rear-entry BR611T (shown at right) and LV611T (low visibility) BR611T (shown at right) both with a rear-entry zipper closure.

The new NFPA 1994: STANDARD ON PROTECTIVE ENSEMBLES FOR FIRST RESPONDERS.

The 2007 edition of NFPA 1994 helps first responders and first receivers choose the best garment for the risks they confront.

The Class 2 Standard — An intermediate level of chemical, liquid, and vapor protection. Garments that are certified as Class 2 are designed for situations where there is an immediate danger to life and health (IDLH) and must be worn with a self-contained breathing apparatus (SCBA).

The Class 3 Standard — A lower level of chemical, liquid and vapor protection. Garments that meet this requirement match the performance of chemical, biological, radiological and nuclear air purifying respirators (CBRN APRs) and are only certified with APRs. These recently revised requirements also specify that garments must conform to heat loss requirements of 200 W/m².

The Class 4 Standard — These new requirements apply to biological and radiological particulates only and do not address chemical agent or toxic industrial chemical protection.

Class 4 garment materials must demonstrate a total heat loss requirement of 450 W/m².


The new DuPont™ Tychem® BR garment offers increased vapor and liquid protection without full encapsulation. Integrated gloves provide a tighter seal. And when every second counts, the gloves and a rear-entry zipper closure make the garment faster and easier to don and doff.

1 Durable, high-value fabric: DuPont™ Tychem® BR offers the tear, puncture and abrasion resistance thousands of first responders and industrial professionals expect from long-lasting, high-value DuPont fabrics.

2 Protection that's up to the job: DuPont™ Tychem® BR helps protect you from more than 250 chemicals, including the ones most frequently involved in industrial or HAZMAT incidents.

3 Integrated face seal and respirator for liquid integrity: Engineered to provide effective liquid and increased vapor protection without encapsulation, DuPont™ Tychem® BR meets the 2007 edition of Class 2 NFPA 1994 Standards. Designed to be used with NIOSH approved CBRN SCBA respirators.

4 Enhanced comfort and flexibility: Soft, lightweight and flexible for comfort and ease of movement, DuPont™ Tychem® BR helps make it easier to get the job done in difficult work environments.

5 High or low visibility for safety: DuPont™ Tychem® BR is highly visible in both bright and dim light, offering a higher degree of safety for HAZMAT teams and other first responders. Garments are also available in low-visibility olive drab.

6 Integrated gloves for a tight seal: The new DuPont™ Tychem® BR garment offers integrated gloves that do not require tape, giving you a higher level of protection while making it faster to take the garment on and off with reduced glove inversion.

7 Rear-entry zipper closure: For superior liquid splash protection and protection while donning, DuPont™ Tychem® BR garments have a rear-entry zipper closure covered with a storm flap.
DuPont™ Tychem® TK Level A suits give you another option for certified CBRN level protection. These garments are specifically developed for protection against toxic liquids as well as vapor hazards and can be worn with a wide range of SCBA respirator styles. This high-performance chemical barrier fabric is ideally suited for industrial workers, HAZMAT teams and first responders in many areas. And it’s a more cost-effective choice when you need the same chemical barrier protection as an NFPA 1991 certified garment, but do not require flame-impingement protection.

DuPont™ Tychem® TK offers proven protection and performance against a wide range of chemicals. It exhibits outstanding chemical barrier properties. An extremely durable fabric that’s puncture- and tear-resistant, it has been tested against 270 challenge chemicals. It also provides the widest visor available for an enhanced field of vision. Lime yellow DuPont™ Tychem® TK is highly visible in both bright and dim light, offering greater safety in emergency situations.

**Part numbers:**
- TK612T front-entry ensemble
- TK613T rear-entry ensemble

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DuPont™ Nomex® Limitedwear.
When things can heat up in a heartbeat.

Innovative DuPont™ Nomex® Limitedwear is certified to NFPA 2112. Lightweight, comfortable, high-value DuPont™ Nomex® Limitedwear makes it easy to give all your industrial workers the superior, built-in electric arc and flame protection of DuPont™ Nomex® brand fibers. It’s the fabric that firefighters ask for by name with the protection that cannot be washed out, bleached out or worn away. And because DuPont™ Nomex® Limitedwear is cost-effective and disposable, it’s an ideal garment for visitors and temporary workers who also need flame and arc protection.

**Part number:**
- NL149
NFPA 2112: STANDARD ON FLAME RESISTANT GARMENTS FOR PROTECTION OF INDUSTRIAL PERSONNEL AGAINST FLASH FIRE.

This standard provides for flame resistant fabrics and garments worn by industrial workers for increased escape time from industrial fire emergencies.

DuPont™ Tychem® ThermoPro.
When the hazard requires revolutionary technology from DuPont.

Innovation and protection come together in DuPont™ Tychem® ThermoPro, a single-layer garment compliant with NFPA 2112 for primary flash-fire and chemical protection. That means HAZMAT and law enforcement teams have a comfortable, durable and cost-effective garment that helps provide permeation protection against a broad range of toxic chemicals and chemical warfare agents. And because DuPont™ Nomex®, the fiber that firefighters have valued for over 40 years, is engineered into every garment, your teams have increased escape time from flash-fire conditions. In addition, Tychem® ThermoPro is available in both high-visibility orange and low-visibility gray.

Part numbers:
TP188T garment with attached hood, elastic wrists and hemmed ankles
TP189T garment with attached hood, attached socks and elastic wrists

NFPA 1991: STANDARD ON VAPOR-PROTECTIVE ENSEMBLES FOR HAZARDOUS MATERIALS EMERGENCIES.

NFPA 1991 compliant garments provide the highest level of liquid, vapor and particle protection for a range of HAZMAT emergencies. These suits are designed to encapsulate the wearer and breathing apparatus. They are certified as ensembles that include gloves, boots and an outer abrasion-resistant cover. These suits are also offered as single-layer garments. Ensembles that meet these requirements must protect against 27 specific hazardous chemicals, including two chemical warfare agents.

DuPont NFPA 1991 compliant Tychem® ensembles.
When you face the most dangerous situations.

DuPont provides the widest range of ensembles certified to NFPA 1991. These ensembles provide protection against more than 360 toxic chemicals, vapors, corrosive gases, liquids, and solid chemicals.

DuPont™ Tychem® Reflector®
This is the first limited-use NFPA 1991 compliant ensemble available with a single-skin, multi-layer construction that does not require an overcover. That means this Level A garment provides excellent chemical holdout and is easier and faster to don and doff, saving first responders the critical seconds they need in an emergency. This front-entry, aluminized suit features an expanded back to protect your SCBA.

Part numbers:
RF600T front-entry ensemble
DuPont™ Tychem® Responder®

This suit is designed for chemical handling, petrochemical manufacturing, emergency response, and weapons of mass destruction handling and response. Tychem® Responder® combines multiple film barriers laminated to both sides of three-ounce polypropylene, for high-level protection against toxic and corrosive gases, liquids and solid chemicals. The NFPA 1991 compliant DuPont™ Tychem® Responder ensemble includes a totally encapsulated vapor protective Level A suit with an overcover for abrasion and flame impingement protection and Kevlar® knit over-gloves for enhanced cut protection.

Part numbers:
RS600T front-entry ensemble
RS601T rear-entry ensemble

DuPont™ Tychem® TK

NFPA 1991 compliant Tychem® TK ensembles are based on the high performance and visibility of the Tychem® TK fabric that has become the industry standard. This fabric comes with permeation data for over 270 chemicals. The Tychem® TK ensembles are available as totally encapsulated vapor protective Level A suits. They are compliant with the NFPA 1991 liquefied gas option and give first responders proven protection and superior performance.

Part numbers:
"TK600T front-entry ensemble
TK601T rear-entry ensemble
DuPont™ Tychem® Responder®

This suit is designed for chemical handling, petrochemical manufacturing, emergency response, and weapons of mass destruction handling and response. Tychem® Responder® combines multiple film barriers laminated to both sides of three-ounce polypropylene, for high-level protection against toxic and corrosive gases, liquids and solid chemicals. The NFPA 1991 compliant DuPont™ Tychem® Responder ensemble includes a totally encapsulated vapor protective Level A suit with an overcover for abrasion and flame impingement protection and Kevlar® knit over-gloves for enhanced cut protection.

Part numbers:
RS600T front-entry ensemble
RS601T rear-entry ensemble

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TK600T front-entry ensemble
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This standard provides for flame resistant fabrics and garments worn by industrial workers for increased escape time from industrial fire emergencies.

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When the hazard requires revolutionary technology from DuPont.

Innovation and protection come together in DuPont™ Tychem® ThermoPro, a single-layer garment compliant with NFPA 2112 for primary flash-fire and chemical protection. That means HAZMAT and law enforcement teams have a comfortable, durable and cost-effective garment that helps provide permeation protection against a broad range of toxic chemicals and chemical warfare agents. And because DuPont™ Nomex®, the fiber that firefighters have valued for over 40 years, is engineered into every garment, your teams have increased escape time from flash-fire conditions. In addition, Tychem® ThermoPro is available in both high-visibility orange and low-visibility gray.

Part numbers:
TP188T garment with attached hood, elastic wrists and hemmed ankles
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Part numbers:
RF600T front-entry ensemble
DuPont™ Tychem® TK
When you’re on a first-name basis with 270 toxic chemicals.

DuPont™ Tychem® TK Level A suits give you another option for certified CBRN level protection. These garments are specifically developed for protection against toxic liquids as well as vapor hazards and can be worn with a wide range of SCBA respirator styles. This high-performance chemical barrier fabric is ideally suited for industrial workers, HAZMAT teams and first responders in many areas. And it’s a more cost-effective choice when you need the same chemical barrier protection as an NFPA 1991 certified garment, but do not require flame-impingement protection.

DuPont™ Tychem® TK offers proven protection and performance against a wide range of chemicals. It exhibits outstanding chemical barrier properties. An extremely durable fabric that’s puncture- and tear-resistant, it has been tested against 270 challenge chemicals. It also provides the widest visor available for an enhanced field of vision. Lime yellow DuPont™ Tychem® TK is highly visible in both bright and dim light, offering greater safety in emergency situations.

Part numbers:
TK612T front-entry ensemble
TK613T rear-entry ensemble

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Part number:
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WHEN TAKING A CHANCE ISN’T AN OPTION

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