

DuPont™ Tychem® 10000



The highest level of protection against liquid splash
and vapor/gas exposure



- USMCA/TAA compliant premium protection against toxic and corrosive gas, liquid and solid chemicals as well as chemical warfare agents
- Leading garment chosen by hazmat responders worldwide for CBRN response
- Extremely durable, puncture- and tear-resistant fabric
- Wide range of garment styles, including totally encapsulated, vapor protective Level A and liquid-splash protective Level B suits
- Provides at least 30 minutes of protection against >320 chemicals
- Tychem® TK612T/613T certified to NFPA 1994 Class 2
- Lime yellow for high visibility
- Encapsulated Tychem® 10000 suits are shipped in a storage tote with a color-coded handle:
 - Red handle = Level A
 - Silver handle = certified Level A
 - Blue handle = Level B
 - Yellow handle = training

Please visit our free online DuPont™ SafeSPEC™ selector tool to help you determine the most appropriate protection based on your hazard risk assessment.

safespec.dupont.com



Hazmat response



THADHANI®
The Experts in Safety... Since 1947



TK555T

TYCHEM® TK

- Premium protection against toxic and corrosive gaseous, liquid and solid chemicals
- Leading garment chosen by HazMat responders worldwide
- Extremely durable, puncture- and tear-resistant fabric
- Wide range of garment styles, including totally encapsulated, vapor protective Level A and liquid-splash protective Level B suits
- Tychem® TK provides at least 30 minutes of protection against >320 chemical challenges
- **Tychem® TK612T/613T certified to NFPA 1994 Class 2**
- Tychem® TK is high-visibility lime yellow
- All Tychem® TK encapsulated suits are NAFTA/TAA compliant
- 5C = Showa Best® 892 outer glove
- 7R = MSA dual purpose #495670 Hansen fitting (left front waist)
- 7S = Scott® pass-thru #803620-01 Hansen fitting (right side)



HazMat Encapsulated Level A

TK554TLYXX000100 MD-4X
TK554TLYXX00015C MD-4X
TK554TLYXX00017S call for sizing
 Front entry
 Double taped seams
 EX (extra wide) three-layer faceshield (PVC 40 mil/Teflon® 5 mil/PVC 20 mil)
 Gas-tight PVC zipper closure
 Double storm flaps with hook-and-loop closure
 Two exhaust valves
 Expanded back
 Internal adjustment belt
 Attached internal multi-layer laminate gloves
 Attached outer butyl or Viton™ gloves
 Knee wear pads
 Attached socks¹
 Outer boot flaps with elastic



Front entry



HazMat Encapsulated Level A

TK555TLYXX000100 MD-4X
TK555TLYXX00015C MD-4X
TK555TLYXX00017S call for sizing
 Rear entry
 Double taped seams
 EX (extra wide) three-layer faceshield (PVC 40 mil/Teflon® 5 mil/PVC 20 mil)
 Gas-tight PVC zipper closure
 Double storm flaps with hook-and-loop closure
 Two exhaust valves
 Expanded back
 Internal adjustment belt
 Attached internal multi-layer laminate gloves
 Attached outer butyl or Viton™ gloves
 Knee wear pads
 Attached socks¹
 Outer boot flaps with elastic



Rear entry



Encapsulated Level A—Certified to NFPA 1994 Class 2

TK612TLYXX000100 Front entry, MD-4X
TK613TLYXX000100 Rear entry, call for sizing
 Double taped seams
 EX (extra wide) three-layer faceshield (PVC 40 mil/Teflon® 5 mil/PVC 20 mil)
 Gas-tight zipper closure
 Double storm flap
 Two exhaust valves
 Expanded back
 Attached two-layer gloves (multi-layer laminate/neoprene)
 Attached socks¹
 Outer boot flaps with elastic

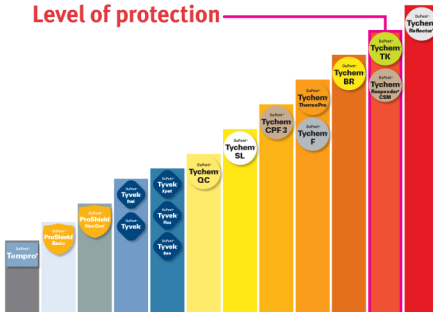


**TK612T
Front entry**



**TK613T
Rear entry**

Level of protection

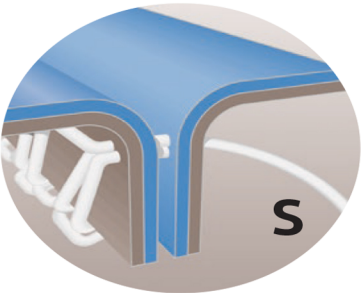


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Part number	Garment style	Seam construction	Color	Sizes
TK128TLYXX000200	Respirator-fit hooded coverall with elastic wrists, attached socks, and outer boot flaps	Taped	Lime yellow	SM-6X
TK527TLYXX000100	Encapsulated Level B suit with expanded back and elastic wrists	Taped	Lime yellow	SM-4X
TK552TLYXX00017R	Encapsulated Level A suit with flat back and attached gloves; MSA dual purpose #495670 Hansen fitting	Double taped	Lime yellow	LG-2X
TK554TLYXX000100	Front-entry encapsulated Level A suit with extra wide faceshield, expanded back, and attached gloves	Double taped	Lime yellow	MD-4X
TK554TLYXX00015C	Front-entry encapsulated Level A suit with extra wide faceshield, expanded back, and attached gloves; Showa Best® 892 outer glove	Double taped	Lime yellow	MD-4X
TK554TLYXX00017S	Front-entry encapsulated Level A suit with extra wide faceshield, expanded back, and attached gloves; Scott® pass-thru #803620-01 Hansen fitting	Double taped	Lime yellow	MD-4X
TK555TLYXX000100	Rear-entry encapsulated Level A suit with extra wide faceshield, expanded back, and attached gloves	Double taped	Lime yellow	MD-4X
TK555TLYXX00015C	Rear-entry encapsulated Level A suit with extra wide faceshield, expanded back, and attached gloves; Showa Best® 892 outer glove	Double taped	Lime yellow	MD-4X
TK555TLYXX00015V	Rear-entry encapsulated Level A suit with extra wide faceshield, expanded back, and attached gloves; Viton® glove	Double taped	Lime yellow	MD-4X
TK555TLYXX00017M	Rear-entry encapsulated Level A suit with extra wide faceshield, expanded back, and attached gloves; Dual purpose #495660 Foster Fitting Left	Double taped	Lime yellow	LG-2X
TK555TLYXX00017S	Rear-entry encapsulated Level A suit with extra wide faceshield, expanded back, and attached gloves; Scott® pass-thru #803620-01 Hansen fitting	Double taped	Lime yellow	MD-4X
TK586SLYXX000100	Level A training suit	Serged	Lime yellow	MD-4X
TK586TLYXX000100	Level A training suit	Taped	Lime yellow	MD-6X
TK587SLYXX000100	Level A training suit	Serged	Lime yellow	MD-4X
TK612TLYXX000100	Front-entry encapsulated Level A suit, certified to NFPA 1994 Class 2 with extra wide faceshield, expanded back, and attached gloves; NAFTA/TAA compliant	Double taped	Lime yellow	MD-4X
TK612TLYXX00017S	Front-entry encapsulated Level A suit, certified to NFPA 1994 Class 2 with extra wide faceshield, expanded back, and attached gloves; NAFTA/TAA compliant Scott® pass-thru #803620-01 Hansen fitting	Double taped	Lime yellow	MD-4X
TK612TLYXX00017N	Front-entry encapsulated Level A suit, certified to NFPA 1994 Class 2 with extra wide faceshield, expanded back, and attached gloves; NAFTA/TAA compliant MSA Quick Fill pass-thru #80311 (right side) with cover	Double taped	Lime yellow	MD-4X
TK612TLYXX00017W	Front-entry encapsulated Level A suit, certified to NFPA 1994 Class 2 with extra wide faceshield, expanded back, and attached gloves; NAFTA/TAA compliant Interspiro pass-thru #33689006 (right front side)	Double taped	Lime yellow	MD-4X
TK613TLYXX000100	Rear-entry encapsulated Level A suit, certified to NFPA 1994 Class 2 with extra wide faceshield, expanded back, and attached gloves; NAFTA/TAA compliant	Double taped	Lime yellow	MD-4X

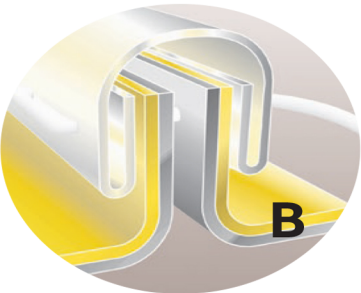
Seam construction

Seams are a critical component of the overall barrier protection provided by a chemical protective garment. It is vital to select the appropriate seam configuration for your application needs and to know that the garment will be constructed with strong, tight seams. One loose thread or gap and the barrier between you and your environment unravels—leaving you vulnerable.



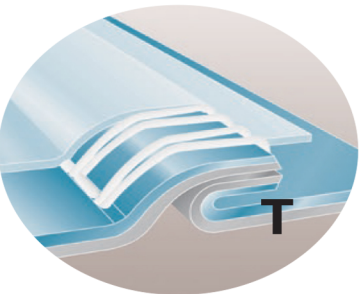
Serged or sewn**

A seam produced when three threads are interlocked around the raw edges of two pieces of material for a strong, stress-resistant seam.



Bound**

Tightly sewn with a reinforced outer binding to increase seam strength and barrier. For potential misting exposure of non-hazardous liquids or particle penetration through the seam.



Taped

Both sewn and taped to provide strong chemical resistance against heavy liquid splashes and tough seam stress. A sewn seam is covered with a strip of compatible material by heat-sealing.

**Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.





TK554T

TK527T

HazMat Encapsulated Level A

TK552TLYXX00017R

Front entry
Double taped seams
Standard three-layer faceshield (PVC 40 mil/Teflon™ 5 mil/PVC 20 mil)
Gas-tight PVC zipper closure
Double storm flap with hook-and-loop closure
Two exhaust valves
Internal adjustable belt
Flat back
Attached Guardian™ butyl outer/multi-layer laminate internal gloves
Attached socks¹
Outer boot flaps with elastic LG-2X

Front entry



Encapsulated Level B

TK527TLYXX000100

Front entry
Taped seams
Standard faceshield (40 mil PVC)
Zipper closure
Double storm flaps with hook-and-loop closure
Two exhaust vents
Expanded back
Elastic wrists
Attached socks¹
Outer boot flaps with elastic SM-4X

Front entry



Coverall

TK128TLYXX000200

Taped seams
Attached hood (respirator fit)²
Front zipper closure
Double storm flaps with tape closure
Elastic wrists
Attached socks¹
Outer boot flaps with elastic SM-6X



Please note that Tychem® fabrics have different permeation performance. Please check SafeSPEC™ on our website for permeation data that meets your specific needs.

Stock/Made to Order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

¹These Tychem® garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

²Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck. See page 5 for photos.

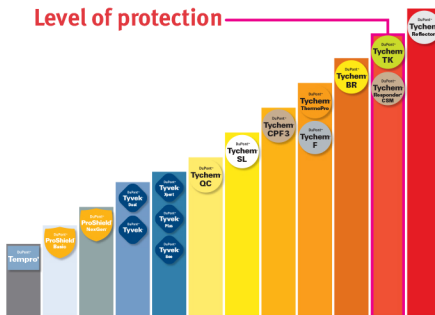
Storm flaps: All taped seam coveralls have a storm flap or double storm flap, see product description for details.

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

WARNING: Tychem® should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® ThermoPro, Tychem® Reflector® and Tychem® TK styles 600T/601T (with aluminized outer suit) garments are designed and tested to help reduce injury during escape from a flash fire. Users of Tychem® ThermoPro, Tychem® Reflector® and Tychem® TK styles 600T/601T (with aluminized outer suit) 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.

Level of protection



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