Technical Data Sheet

DuPont™ – Tychem® 6000 FR

Brand / manufacturer	DuPont
Product category	Hazmat Coverall
Product codes	Small / 00 — SKU: TP198TORSM000200 Medium / 00 — SKU: TP198TORMD000200 Large / 00 — SKU: TP198TORLG000200 X-Large / 00 — SKU: TP198TORXL000200 2X-Large / 00 — SKU: TP198TOR2X000200 3X-Large / 00 — SKU: TP198TOR3X000200 4X-Large / 00 — SKU: TP198TOR4X000200 5X-Large / 00 — SKU: TP198TOR5X000200

Product description

DuPont™ Tychem® 6000 FR Coverall w/ Resp. Fit Hood, Elastic Wrists, Open Ankles (TP198T). Tychem® 6000 FR offers a single layer garment that provides triple hazard protection from liquid-chemical splash, flash fire and electric arc. Tychem® 6000 FR garments are designed to combine the trusted chemical protection of Tychem® and thermal/arc protection of Nomex® into a single layer garment. Tychem® 6000 FR garments are designed to help provide industrial workers and Hazmat responders with permeation protection against a broad range of toxic industrial chemicals and chemical warfare agents and to provide escape time from flash fires and protection from electric arc. Tychem® 6000 FR fabric provides at least eight hours breakthrough protection against 17 of the 21 standard ASTM F1001 chemicals and at least 30 minutes of protection for more than 180 chemical challenges including chemical warfare agents. The arc rating of Tychem® 6000 FR fabric is 15 cal/cm² E_{bt}. This exceeds the NFPA 70E Hazard Risk Category 2 requirement of 8 cal/cm².

Sizes Small to 5X-Large. Option codes: 00.

Key benefits

- Certified to NFPA 1990 (NFPA 1992), 2022 edition
- Taped seams provide strong chemical resistance against heavy liquid splashes. A sewn seam is covered with a strip of compatible chemical-resistant material through heat sealing
- Attached respirator-fit hood with drawstring to pull tightly around respirator; longer zipper extends to chin for complete coverage of neck area
- Storm flap covers zipper which can be secured by the wearer with rugged hook and loop material to prevent intrusion at zipper
- Elastic opening for tighter fit at wrist
- Open ankles, hemmed
- Bright orange color for high visibility
- Made in the USA, North American Free Trade Agreement (NAFTA) compliant and Trade Agreement Act (TAA) compliant
- Meets the U.S. industry requirements for blood (ASTM F1670) and viral penetration (ASTM F1671) protecting against several bloodborne pathogen exposure risks

Prepared by Russmill Safety from publicly available manufacturer information and our product listing. This is not the manufacturer's original publication. For legally required safety data, use the manufacturer's official Safety Data Sheet.

Prepared by Russmill Safety · November 2026

Typical applications

- Hazmat teams in fire departments
- Industrial fire brigades
- Clandestine lab investigation
- Industrial chemical processing plants
- Laboratories

Specifications

Fabric/Materials	TYCHEM® 6000FR
Design	Coverall w/ Resp. Fit Hood, Elastic Wrists, Open Ankles
Certification	Certified to NFPA 1990 (NFPA 1992), 2022 edition and meets HRC 2 requirements of NFPA 70E
Seam	Taped
Color	Orange
Quantity/Box	2 per case
Style	TP198T

Information source

Russmill Safety product listing — https://www.russmillsafety.com/products/dupont%E2%84%A2-tychem%C2%AE-6000-fr-1 (listing notes product information supplied by the manufacturer, DuPont)

Supplier / distributor contact

Supplier / distributor	Russmill Safety
Store	A1 Queen’s Highway, Suite 2–3, Freeport, Grand Bahama F42190, The Bahamas
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