Technical Data Sheet

DuPont™ - Tychem® RESPONDER® CSM

Brand / manufacturer	DuPont
Product category	Hazmat Coverall
Product codes	X-Small / 00 — SKU: RC550TTNXS000100 X-Small / 7W — SKU: RC550TTNXS00017W X-Small / 7C — SKU: RC550TTNXS00017C X-Small / ** — SKU: RC550TTNXS0001** Small / 00 — SKU: RC550TTNSM000100 Small / 7W — SKU: RC550TTNSM00017W Small / 7C — SKU: RC550TTNSM00017C Small / ** — SKU: RC550TTNSM0001** Medium / 00 — SKU: RC550TTNMD000100 Medium / 7W — SKU: RC550TTNMD00017W Medium / 7C — SKU: RC550TTNMD00017C Medium / ** — SKU: RC550TTNMD0001** Large / 00 — SKU: RC550TTNLG000100 Large / 7W — SKU: RC550TTNLG00017W Large / 7C — SKU: RC550TTNLG00017C Large / ** — SKU: RC550TTNLG0001** X-Large / 00 — SKU: RC550TTNXL000100 X-Large / 7W — SKU: RC550TTNXL00017W X-Large / 7C — SKU: RC550TTNXL00017C X-Large / ** — SKU: RC550TTNXL0001** 2X-Large / 00 — SKU: RC550TTN2X000100 2X-Large / 7W — SKU: RC550TTN2X00017W 2X-Large / 7C — SKU: RC550TTN2X00017C 2X-Large / ** — SKU: RC550TTN2X0001** 3X-Large / 00 — SKU: RC550TTN3X000100 3X-Large / 7W — SKU: RC550TTN3X00017W 3X-Large / 7C — SKU: RC550TTN3X00017C 3X-Large / ** — SKU: RC550TTN3X0001** 4X-Large / 00 — SKU: RC550TTN4X000100 4X-Large / 7W — SKU: RC550TTN4X00017W 4X-Large / 7C — SKU: RC550TTN4X00017C 4X-Large / ** — SKU: RC550TTN4X0001** 5X-Large / 00 — SKU: RC550TTN5X000100 5X-Large / 7W — SKU: RC550TTN5X00017W 5X-Large / 7C — SKU: RC550TTN5X00017C 5X-Large / ** — SKU: RC550TTN5X0001** 6X-Large / 00 — SKU: RC550TTN6X000100 6X-Large / 7W — SKU: RC550TTN6X00017W 6X-Large / 7C — SKU: RC550TTN6X00017C 6X-Large / ** — SKU: RC550TTN6X0001**

Product description

DuPont™ Tychem® RESPONDER® CSM encapsulated Level A suit (RC550T). Tychem® RESPONDER® CSM combines multiple film barriers laminated to both sides of a high-strength polypropylene substrate for high level protection against toxic and corrosive chemicals. It is effective for handling chemical warfare agents as well as

military site cleanup and HazMat first response. Tychem® RESPONDER® CSM fabric provides at least 30 minutes of protection against 320 chemical challenges. Each suit undergoes rigorous inspection and each Level A suit, pressure testing. Each fabric lot is tested using live toxic agents plus one garment for each test fabric production run is also tested for seam barrier with live toxic agents. Desert tan color for low visibility applications.

Sizes X-Small to 6X-Large. Option codes: 00, 7W, 7C, **.

Key benefits

- Encapsulated Level A garment design is DuPont's highest level of protection from liquid splash and vapor/gas exposures for both the wearer and respiratory equipment
- Double taped seams provide strong chemical resistance against heavy liquid splashes. A sewn seam is covered, both inside and outside of garment with compatible chemical-resistant material by heat-sealing
- Standard-width, anti-fog, three-layer (PVC 40 mil / Teflon™ 5 mil / PVC 20 mil) faceshield
- Front entry design allows wearer to partially don garment (maintain standby position) without assistance
- Expanded back to accommodate self-contained air breathing apparatus (SCBA)
- Vapor tight zipper. Extra long to increase garment opening and aid donning and doffing
- Storm flap covers zipper which can be secured by the wearer with rugged hook and loop material to prevent intrusion at zipper
- Integrated socks composed of garment material
- Attached flaps are designed to cover boot tops to help reduce potential for liquid intrusion
- Two exhaust valves release higher pressure inside encapsulating garments while simultaneously helping to prevent inward leakage of external vapors or particles into the garment. One-way valves are positive pressure and open on demand. Valves include splash covers made of barrier material to help prevent liquid intrusion. Valves are located on left back of head and right lower back
- Each suit has a unique serial number and is fully tested at time of manufacture including positive air pressure integrity testing per ASTM F1052
- Pass-thrus are optional and can be installed upon request when ordering. Some suits are available with optional pass-thrus to accommodate the following SCBA manufacturers: Scott, Interspiro, MSA, Draeger, Survivair®
- Made in the USA, North American Free Trade Agreement (NAFTA) compliant and Trade Agreement Act (TAA) compliant

Specifications

Fabric/Materials	TYCHEM® RESPONDER® CSM
Design	Encap. Level A, Expanded Back, Front Entry
Seam	Double Taped
Color	Tan
Quantity/Box	1 per case
Style	RC550T

Information source

Russmill Safety product listing — https://www.russmillsafety.com/products/dupont%E2%84%A2-tychem%C2%AE-responder%C2%AE-csm (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
USA warehouse (fulfilment)	1526 NW 23rd Avenue, Fort Lauderdale, FL 33311
Phone	Bahamas customer service +1 242 351 7623 · USA +1 954 333 8542 · Freeport store +1 242 688 3336
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Website	https://www.russmillsafety.com