# DUPONT™ TYCHEM® 10000

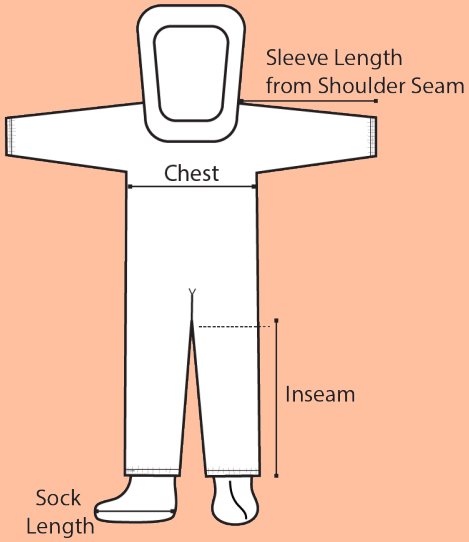
## TECHNICAL DATA SHEET

## PRODUCT INFORMATION

DuPont™ Tychem® 10000 Encapsulated Level A Suit. Expanded Back, Front Entry. Extra-Wide Visor, 3 Layers: 40 mil PVC / Teflon® 5 mil / 20 mil PVC. Attached Dual Layer Gloves, Internal: Multi-layer laminate / External: Butyl. Attached Socks with Outer Boot Flaps. Double Storm Flap with Hook & Loop Closure. Two Exhaust Valves. Double Taped Seams. Lime Yellow.

## ATTRIBUTES

| | |
|---|---|
| **Full Part Number** | TK554TLYxx0001yy (xx=size;yy=option code) |
| **Fabric/Materials** | Tychem® 10000 |
| **Design** | Encap. Level A, Expanded Back, Front Entry |
| **Seam** | Double Taped |
| **Color** | Lime Yellow |
| **Quantity/Box** | 1 per case |
| **Sizes** | MD, LG, XL, 2X, 3X, 4X |
| **Option Codes** | 5C,7S,**,00 |




**SIZE TABLE**

| SIZE | SLEEVE LENGTH | CHEST WIDTH | INSEAM | FITS CHEST | FITS HEIGHT | BOOT LENGTH | INNER GLOVE SIZE | OUTER GLOVE SIZE |
|---|---|---|---|---|---|---|---|---|
| MD | 28 1/4 | 29 1/4 | 29 3/4 | 45 1/4 - 48 3/4 | 5'0" - 5'9" | 12.75 | 11 | 10 |
| LG | 29 1/4 | 30 | 30 3/4 | 46 3/4 - 50 1/4 | 5'9" - 6'3" | 13 | 11 | 10 |
| XL | 29 1/4 | 30 | 30 3/4 | 46 3/4 - 50 1/4 | 5'9" - 6'3" | 13 | 11 | 10 |
| 2X | 30 3/4 | 31 1/2 | 32 1/2 | 49 3/4 - 53 1/4 | 6'3" - 6'5" | 13.5 | 11 | 10 |
| | | | | 49 3 | | | | |

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| SIZE | SLEEVE LENGTH | CHEST WIDTH | INSEAM | FITS CHEST | FITS HEIGHT | BOOT LENGTH | INNER GLOVE SIZE | OUTER GLOVE SIZE |
|---|---|---|---|---|---|---|---|---|
| 3X | 30 3/4 | 31 1/2 | 32 1/2 | /4 - 53 1/4 | 6'3" - 6'5" | 13.5 | 11 | 10 |
| 4X | 32 3/4 | 33 | 34 1/4 | 52 3 /4 - 56 1/4 | 6'5" - 6'7" | 14.5 | 11 | 10 |

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### PHYSICAL PROPERTIES

| PROPERTY | TEST METHOD | TYPICAL RESULT |
|---|---|---|
| Thickness | ASTM D1777 | 28 mils |
| Basis Weight | ASTM D3776 | 12 $oz/yd^2$ |
| Burst Strength - Ball | ASTM D3787 | 185 $lb_f$ |
| Tear Resistance - Trap Tear (MD) | ASTM D5733 | 75 $lb_f$ |
| Tear Resistance - Trap Tear (CD) | ASTM D5733 | 56 $lb_f$ |
| Breaking Strength - Grab (MD). | ASTM D5034 | 151 $lb_f$ |
| Breaking Strength - Grab (CD) | ASTM D5034 | 170 $lb_f$ |
| Wearing Apparel Flammability | 16 CFR 1610 | Class 1 |

### WARNING

*CAUTION: This information is based upon technical data that DuPont believes to be reliable. It is subject to revision as additional knowledge and experience are gained. DuPont makes no guarantee of results and assumes no obligation or liability in connection with this information. It is the user's responsibility to determine the level of toxicity and the proper personal protective equipment needed. The information set forth herein reflects laboratory performance of fabrics, not complete garments, under controlled conditions. It is intended for informational use by persons having technical skill for evaluation under their specific end-use conditions, at their own discretion and risk. Anyone intending to use this information should first verify that the garment selected is suitable for the intended use. In many cases, seams and closures have shorter breakthrough times and higher permeation rates than the fabric. Please contact DuPont for specific data. If fabric becomes torn, abraded or punctured, or if seams or closures fail, or if attached gloves, visors, etc. are damaged, end user should discontinue use of garment to avoid potential exposure to chemical. Since conditions of use are outside our control, we make no warranties, express or implied, including, without limitation, no warranties of merchantability or fitness for a particular use and assume no liability in connection with any use of this information. This information is not intended as a license to operate under or a recommendation to infringe any patent or technical information of DuPont or others covering any material or its use.

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