

DuPont™ Tychem® C and Tychem® F coveralls

Lightweight Type 3 protection against a wide range of organic and inorganic chemicals and biological hazards.
→ now available with integrated socks and thumb loops.



Do you need a high quality protective suit for use in the chemical or pharmaceutical industry? Are you seeking reliable protection for hazardous material disposal? Are you exposed to biological hazards? Tychem® C and Tychem® F from DuPont offer you safe and reliable Type 3 protection for a wide range of various applications.

Barrier to

☑ Chemicals

Tychem® C	Tychem® F
Many concentrated inorganic chemicals	Many organic chemicals and highly concentrated inorganic chemicals
Pressure up to 2 bars	Pressure up to 5 bars

☑ Biological hazards

Tychem® C	Tychem® F
Tychem® C and Tychem® F protective clothing materials meet EN 14126: 2003 requirements in the highest performance class.	

Possible areas of application:

- ☑ Chemical industry
- ☑ Pharmaceutical industry
- ☑ Petroleum and crude oil environments
- ☑ Tank cleaning, inspection and maintenance
- ☑ Agrochemical handling
- ☑ Decommissioning of production plants
- ☑ Decontamination of contaminated land and work sites
- ☑ Disposal of hazardous materials
- ☑ Industrial cleaning and maintenance
- ☑ Military applications
- ☑ Emergency response services, spill clean-up and accident interventions
- ☑ Disease and disaster management
- ☑ Medical applications

The advantages of Tychem® C and Tychem® F

- ☑ **Combination of chemical and biological protection** in lightweight limited use garment.
- ☑ **Excellent protective clothing materials** which undergo chemical permeation and mechanical properties testing by independent institutes requested by DuPont and complying with EU Standards.
- ☑ **Easy to dispose** off since the protective clothing contains no halogen compounds. When contaminated they must be disposed off as for contaminated waste.
- ☑ **Reliable and constant quality:** each garment is visually checked before leaving production.
- ☑ The garments are designed to provide **the right fit** and **ease of movement** for the wearer when completing difficult tasks. Tychem® garments are designed to fit the operator and protect them in most working environments.
- ☑ **Comfortable**, wearers feel better in them since they are extremely lightweight and very flexible. (only 450g for the Tychem F - size L)
- ☑ **Antistatic properties****

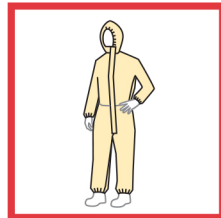


THADHANI®
The Experts in Safety... Since 1947



The new Tychem[®] C and Tychem[®] F coveralls are now available in two designs:

Tychem[®] C standard, model CHA5 Tychem[®] F standard, model CHA5



- 1** Zipper with self-adhesive double zip flap offering high level of protection and liquid barrier.
- 2** Elasticated hood and self-adhesive chin flap for an excellent fit around a full face respirator.
- 3** Overtaped seams with barriers comparable to Tychem[®] protective clothing material.
- 4** Elasticated on arm and leg closures ensure good fit and closure at critical points.
- 5** Elasticated waist for optimum fit to body.
- 6** **NEW!** Stretch rubber thumb loop attached to the end of the sleeve. It must be pulled over the thumbs and ideally suited for overhead work when extreme arm movements are required. It prevents the suit sleeve from riding up. For safety reasons, the use of thumb loops is only recommended when double gloves are worn.

Colours: - Tychem[®] C: Bright Yellow and Olive Green
- Tychem[®] F: Bright Orange, Grey and Olive Green

Sizes: S - XXL

Chemical Protective Clothing - Category III, Type 3/4/5/6 



Type 3
Protection against
pressurised liquid
chemicals*



Type 4
Protection against
liquid aerosols*



Type 5
Protection against
airborne solid
particulate chemicals*





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NEW!

Tychem[®] C standard with socks, model CHA6

Tychem[®] F standard with socks, model CHA6



1 2 3 4 5 6



7 NEW! Socks attached to the ankles for wearing inside safety boots or shoes, with additional knee length boot flap to ensure high level of protection.

Colours: - Tychem[®] C: Bright Yellow
- Tychem[®] F: Grey

Sizes: S - XXXL



Type 6
Limited protection
against liquid mist*



**Electrostatic
protection if properly
grounded according
to EN-1149-1****



**Biological protection
tested in accordance
with EN 14126: 2003**



* DuPont pictograms

** The materials of Tychem[®] C and Tychem[®] F protective suits are antistatically treated on the interior and meet EN 1149-1 requirements. The antistatic treatment of suits is only functional in humidity of more than 25%.
The DuPont Techline Team is available to give you information about the use of the suits in explosive zones.

DUPONT™ TYCHEM® 2000 C PLUS

TECHNICAL DATA SHEET



PRODUCT INFORMATION

DuPont™ Tychem® 2000 C Plus. Hooded coverall. Stitched and over-taped seams. Double cuffs. Thumb loops. Elastication at wrists, ankles, face and waist. Double zippers and double flaps. Outer flap with adhesive tape. Yellow.

ATTRIBUTES

Full Part Number	TCCHZ5TYL00
Fabric/Materials	Tychem® 2000 C
Design	Hooded coverall, double cuffs, double zippers and double flaps
Seam	Stitched and over-taped
Color	Yellow
Quantity/Box	20 per box, individually packed

FEATURES

- Chemical protective clothing, Category III, Type 3-B, 4-B, 5-B and 6-B.
- EN 14126 (barrier to infective agents), EN 1073-2 (protection against radioactive contamination)..
- Front closure with double zipper, double flap, outer flap with adhesive tape
- Certified according to Regulation (EU) 2016/425.
- Antistatic treatment (EN 1149-5) - on inside
- Stitched and over-taped seams with barrier tape for protection and strength
- Double cuffs, thumb loops
- EN 14126 (barrier to infective agents), EN 1073-2 (protection against radioactive contamination)..

PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Abrasion Resistance ⁷	EN 530 Method 2	>1500 cycles	5/6 ¹
Basis Weight	DIN EN ISO 536	83 g/m ²	N/A
Bursting Strength (Mullenburst)	ISO 2758	500 kPa	N/A
Colour	N/A.	Yellow	N/A
Flex Cracking Resistance ⁷	EN ISO 7854 Method B	>5000 cycles	3/6 ¹
Resistance to water penetration	AATCC 127	>30 kPa	N/A
Puncture Resistance	EN 863	>10 N	2/6 ¹
Surface Resistance at RH 25%, inside ⁷	EN 1149-1	< 2,5 · 10 ⁹ Ohm	N/A
Surface Resistance at RH 25%, outside ⁷	EN 1149-1	No antistatic treatment	N/A
Tensile Strength (MD)	DIN EN ISO 13934-1	>100 N	3/6 ¹
Tensile Strength (XD)	DIN EN ISO 13934-1	>100 N	3/6 ¹
Thickness	DIN EN ISO 534	185 µm	N/A
Trapezoidal Tear Resistance (MD)	EN ISO 9073-4	>10 N	1/6 ¹
Trapezoidal Tear Resistance (XD)	EN ISO 9073-4	>10 N	1/6 ¹

1 According to EN 14325 | 2 According to EN 14126 | 3 According to EN 1073-2 | 4 According to EN 14116 | 12 According to EN 11612 | 5 Front Tyvek ® / Back | 6 Based on test according to ASTM D-572 | 7 See Instructions for Use for further information, limitations and warnings | > Larger than | < Smaller than | <= Smaller than or equal to | N/A Not Applicable | STD DEV Standard Deviation |

**DuPont Personal Protection
offers you:**

- Access to extensive technical information such as material properties and permeation data
- Assistance when selecting the right suit via the technical hotline



*The information given here corresponds to the information we have available at the present time, but specifications may be subject to change.
For the latest information please log on to our website at
www.dpp-europe.com*

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