

# T3-400

Excia's T3-400 chemical protective fabric is made for strong chemical protection

## Summary

Fabric Reference:	400
Description:	<p><u>Standard plus</u> 3-piece hood, thumbs loops elasticated wrists, waist and ankles. 2-way front zipper with enlarged re-sealable storm flap.</p> <p><u>Standard plus, double cuffs</u> 3-piece hood, with Internal and external zips, 2 separate zip flaps sealed at base, double cuffs with integrated thumb loops, re-inforced knees and crotch and fully enclosed elasticsation.</p> <p><u>Standard plus, integrated socks</u> 3-piece hood and attached socks. With Internal and external zips, 2 separate zip flaps sealed at base, double cuffs with integrated thumb loops, re-inforced knees and crotch and fully enclosed elasticsation.</p>
Color/ Size:	Orange/ S-XXXL
Seam:	Stitched & Taped
Product Code/ Style:	T3-400-TO-VA0 / Standard plus T3-400-TO-VG0 / Standard plus, double cuffs T3-400-TO-VF0 / Standard plus, integrated socks
Fabric & Weight:	Unique nonwoven composite fabrics (Polyethylene and EVOH + spunbonded polypropylene), 155g
Packaging:	Individual polybag (20pcs per carton)
Country of Origin:	China



## CE Certification

Description	EN Standard	Result
Protective Clothing: General Requirement	EN ISO 13688:2013	Pass
Type 3B: Liquid Tight Clothing	EN14605:2005+A1:2009	Pass
Type 4B: Spray Tight Clothing	EN14605:2005+A1:2009	Pass
Type 5B: Protective clothing for use against solid particles	EN ISO 13982-1:2004	Pass
Type 6B: Protective clothing against liquid chemicals	EN 13034: 2005	Pass
Protective clothing against radioactive contamination	EN 1073-2:2002	Pass
Anti-static garments requirement	EN 1149-5:2018	Pass
Protection against infective agents	EN 14126:2003	Pass

Mechanical Properties	Standard	CE Class
Abrasion Resistance	EN 530: 2010	6
Trapezoidal Tear (md)	ISO 9073-4: 1999	4
Tensile Strength (md)	EN 13934:2013	3
Puncture Resistance	EN 863:1997	2
Flex Cracking	ISO 7854: 1999	1
Seam Strength (N)	EN 13935-2	4

Chemical Repellency & Penetration	Standard	CE Class
Sulphuric Acid (H2SO4) Repellency	EN 6530	3
Sulphuric Acid (H2SO4) Penetration	EN 6530	3
Sodium Hydroxide (NaOH) Repellency	EN 6530	3
Sodium Hydroxide (NaOH) Penetration	EN 6530	3
O-Xylene Repellency	EN 6530	3
O-Xylene Penetration	EN 6530	3
Butanol Repellency	EN 6530	3
Butanol Penetration	EN 6530	3

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*\*Image for illustration purpose only*

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Chemical Permeation	Standard	CE Class
Sulphuric Acid 98%	EN 374-3	6
Sodium Hydroxide 48%	EN 374-3	6

EN 14126:2003	Standard	CE Class
Protective Clothing. Penetration by blood and other body fluids-born pathogens. Phi-X174 bacteriophage method	ISO 16604:2004	6
Protective Clothing. Wet bacterial penetration	ISO 22610:2006	6
Protective Clothing. Penetration by biologically contaminated aerosols	ISO 22611:2003	3
Protective Clothing. Penetration by biologically contaminated powders	ISO 22612:2005	3

## BENEFITS

- Multi-layer non-woven barrier laminate fabric offer a high level of barrier to the permeation of inorganic chemicals and infective agents
- The fabric provides a good level of comfort, strength and durability
- Provides an excellent barrier to liquids under high pressure
- T3-400 offer optimum body fit, allowing comfortable, convenient and freedom of movement
- Double layer zip flap with 1 way inner zipper and 2 way outer zipper (except T3-400-TO-VAO) and reusable double sided tape which provides maximum comfort and protection allowing safe donning and doffing during down time
- Stitched and Taped Seams - Internal stitching which is overtaped to offer increased strength and an effective barrier to liquids and particulates
- The elasticsation around the hood, wrist and ankles is fully enclosed to maximize comfort and avoid any shedding of fibers into a manufacturing process
- Thumb or finger loops maintain a safe sleeve fit in all working positions
- Double layer protection for knee area (except T3-400-TO-VAO)
- Highly visible bright orange colour for improved worker safety

## FEATURES

- Professionally selected materials
- Liquid (Chemical) repellency
- Designed for comfort
- Infective agents repellency
- Anti-static

## INDUSTRIES

- Chemical
- Automotive
- Aerospace
- Food processing
- General manufacturing
- Life sciences/pharmaceutical
- Healthcare
- Marine
- Oil & gas

## APPLICATIONS

- Chemical production & handling
- Pharmaceutical production
- Cleanrooms
- Paint spraying
- Healthcare/medical
- Food processing
- Industrial cleaning
- Hazmat response
- Concentration mixing and palletisation
- Contaminated environments