

Dräger Protec Plus Chemical protection coveralls

Chemical protection coveralls are used whenever and wherever a person's skin has to be protected from the harmful effects of hazardous substances. If there is a risk that the entire body could come into contact with solid or liquid chemicals, complete coveralls are the only way of ensuring full protection.



Dräger Protec Plus chemical protection coveralls protect against spray and splashes, and are made of coated Tychem® material. The hood, sleeves and cuffs of the trousers are fitted with elastic drawstrings keeping splashes out. The zip fastener runs down the middle of the front side and is fitted with two cover strips held in place by tape. There is an elastic seal in the neck area that ensures a seal with a fullface mask, like the Dräger X-plore®.

The welded seams of these one-piece coveralls are also impermeable to liquids and designed for use with filtering respirators and self-contained breathing equipment.

Dräger Protec Plus coveralls provide the best possible protection against ultra-fine dusts and powders, acids and alkalis, and are particularly resistant to a broad spectrum of chemicals in liquid form.

Dräger Protec Plus chemical protection coveralls are CE-certified and classified as chemical-protection Types 3, 4, 5 and 6. They are also tested for anti-static properties under EN 1149-1.

There are two types available:
DRÄGER PROTEC PLUS TC - TYCHEM® C
These coveralls provide protection against ultra-fine dusts and powders, and are an effective barrier to many inorganic acids and alkalis as well as water-based salt solutions.

Examples of use: paint shops, agricultural chemicals, asbestos disposal, disinfection, industrial cleaning, resin and glass fibre processing, industrial paints, virus and blood protection, etc.

DRÄGER PROTEC PLUS TF - TYCHEM® F
These coveralls provide protection against many concentrated inorganic acids and alkalis and large number of organic chemicals.

Examples of use: decontamination work, inspections, handling oil.

The Chemical protection coveralls Dräger Protec Plus - another Quality Product from Dräger.

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ST-4895-2005



Dräger Protec Plus TC
Tychem® C

ST-4878-2005



Dräger Protec Plus TF
Tychem® F

TECHNICAL DATA

Material properties	Tychem® C	Tychem® F
Abrasion resistance	2,000 cycles	2,000 cycles
Bursting resistance	142 kPa	240 kPa
Resistance to high temperatures	Seams open at 98 °C	Seams open at 98 °C
Resistance to low temperatures	Flexible down to -73 °C	Flexible down to -73 °C
Flex cracking resistance	100,000 cycles	> 5,000 < 15,000 cycles
Puncture resistance	18.5 N	24 N
Colour	Yellow	Orange
Weight	83 g/m ²	120 g/m ²
Air permeability	Not permeable	Not permeable
Surface resistance (at 25% relative humidity)	5.4 x 10 ⁹ (inside) 1.0 x 10 ¹³ (outside)	4.8 x 10 ⁹ (inside) 1.0 x 10 ¹³ (inside)
Tear resistance (trapezium) (L ¹ /Q ²)	23.1 / 30.9 N	27.6 / 37.1 N
Permeation data for liquids	Resistance data is available from http://www.draeger.com/voice	

1) L = in direction of run, 2) Q = in crossways direction

ORDER INFORMATION

Dräger Protec Plus TC		Order no.
Dräger Protec Plus TC for wearers 168 to 176 cm tall	M	R 54 860
Dräger Protec Plus TC for wearers 174 to 182 cm tall	L	R 54 861
Dräger Protec Plus TC for wearers 180 to 188 cm tall	XL	R 54 862
Dräger Protec Plus TC for wearers 186 to 194 cm tall	XXL	R 54 863
Dräger Protec Plus TF		
Dräger Protec Plus TF for wearers 168 to 176 cm tall	M	R 54 870
Dräger Protec Plus TF for wearers 174 to 182 cm tall	L	R 54 871
Dräger Protec Plus TF for wearers 180 to 188 cm tall	XL	R 54 872
Dräger Protec Plus TF for wearers 186 to 194 cm tall	XXL	R 54 873