

CHEMICALS

WHEN HAS RELIABLE PROTECTION EVER GIVEN YOU SO MUCH FREEDOM?

There are many dangers in the workplace: if chemicals are involved, for example, they are sometimes barely perceptible. Reliable PPE prevents from accidentally penetrating the skin when coming into contact with hazardous substances. At the same time, it should be light and comfortable to wear over a long working day. That's why we only use materials that fulfil the relevant safety standards as well as our high standards of comfort. A feeling of freedom included.







Model: Kai, project management
Collection: HB-CHEMprotect

▶ HB-CHEMstandard

Comfortable in dangerous environments: HB-CHEMstandard combines reliable chemical protection in accordance with EN 13034: type 6 and extraordinary wearing properties that even have the benefit of being slightly warming due to the characteristics of the material.

ITEM	COLOUR	COLOUR NO.	COLOUR NAME		REGULAR SIZES
1 2 4 5 3		56	iron grey	EN 13034 Type 6	46-58 & 94-110 39/40-47/48
FIELDS OF APPLICATION: Chemical and petrochemical industry, steel industry, automotive industry, battery factories, laboratories and electroplating					

JACKET

Chemical protection type 6
Part number: **02001 10136 001 56**
Garment weight: approx. 535 g

Single-coloured • turn-down collar • closure band with covered snap fasteners on both sides • 1 front pocket on the left and 2 side pockets with flaps and covered snap fasteners • 1 inner front pocket on the right • sleeve hem width adjustable via inner covered snap fasteners.



Side pockets with flaps and covered snap fasteners



COAT

Chemical protection type 6
Part number: **02001 40032 001 56**
Garment weight: approx. 690 g

Single-coloured • lapel collar, also worn tightly closed • closure band with covered snap fasteners on both sides • 1 front pocket on the left and 2 side pockets – each with flaps and covered snap fasteners • 1 inner front pocket on the right • sleeve hem width adjustable via inner covered snap fasteners.





SHIRT

Chemical protection type 6
Part number: **02001 60000 004 56**
Garment weight: approx. 490 g

Single-coloured • turn-down collar • closure band with buttons • 1 front pocket on the left with flap and buttoning • wristband with buttoning.



3 |

TROUSERS

Chemical protection type 6
Part number: **02001 20085 001 56**
Garment weight: approx. 535 g

Single-coloured • added waistband with 7 belt loops • 2 slant pockets, 1 hip pocket on the right with flap and covered hook&loop fastener • 1 ruler pocket on the right with flap • covered button fly.



4 |

Ruler pocket

BIB AND BRACE TROUSERS

Chemical protection type 6
Part number: **02001 50063 001 56**
Garment weight: approx. 665 g

Single-coloured • stretch braces with clamp-on clips • 1 outer bib pocket and 1 hip pocket on the right – each with ap and covered hook&loop fastener • 2 side seam pockets • 1 ruler pocket on the right with flap • covered button fly • 2 side accesses adjustable via buttons.

Stretch braces with clamp-on clips



5 |

MATERIAL: 100 % POLYACRYLIC, FC-EQUIPMENT · **FABRIC WEIGHT:** approx. 270 g/m² ·

REPELLENCY AND PENETRATION INDEXES: Repellency index A (%): Sulphuric acid 30%: 99.8, Sodium hydroxide solution 10%: 99.5, o-Xylene: 96.2, Butan-1-ol: 96.3, hydrochloric acid 36%: 99.0, Nitric acid 65%: 97.7;

Penetration index P (%): Sulphuric acid 30%: 0.0, Sodium hydroxide solution 10%: 0.0, o-Xylene: 0.6,

Butan-1-ol: 0.5, hydrochloric acid 36%: 0.4, Nitric acid 65%: 0.0

HB-CHEMprotect

With this new collection, we are offering chemical protection made from recycled material for the first time. The pleasantly lightweight fabric also offers permanent antistatic properties, making it the ideal solution for many specialised manufacturing processes. HB-CHEMprotect also impresses with its modern look and comfortable, easy-to-wear cut.

ITEM	COLOUR	COLOUR NO.	COLOUR NAME			REGULAR SIZES
1 3 4		2030 2082	royal/dark blue anthracite/dark blue	EN 13034 Type 6	EN 1149-5	46-58 & 94-110
2		41 58	royal anthracite			

FIELDS OF APPLICATION: Chemical industry, steel industry, automotive industry, battery factories, laboratories, electroplating



JACKET

Chemical protection type 6
Part number: **02018 10000 014 + COLOUR NO.**
Garment weight: approx. 510g

Two-coloured • turn-down collar • covered front closure with snap fasteners • 2 attached breast pockets and 2 side pockets with flaps and covered snap fasteners • sleeve width adjustable via snap fasteners • leasing neck label • embroidered FR standard pictograms on the front.

SHIRT

Chemical protection type 6
Part number: **02018 60026 004 + COLOUR NO.**
Garment weight: approx. 470g

Single-coloured • Comfort Fit • turn-down collar with snap fastener • front with covered snap fastener on both sides • chest pocket with flap and sleeve cuff with gusset – each with covered snap fastener • preformed sleeves • FR Leasing label • standard pictograms as FR embroidery on right sleeve cuff.

21 TO WEAR

CHEMICALS

**21 TO WEAR**

Trousers also available with knee pockets – in just 21 days. See page 237.



3 and 4 |
Mobile phone pocket on the right with flap and hook&loop

Elasticated sideband

3 |**4 |****TROUSERS**

Chemical protection type 6

Part number: **02018 20000 011 + COLOUR NO.**

Garment weight: approx. 500g

Two-coloured • added waistband (half elastic) with button • covered zip fly • 2 slant pockets • 1 back pocket with flap and snap fastener • 1 mobile phone pocket on the right – with flap and hook&loop.

BIB AND BRACE TROUSERS

Chemical protection type 6

Part number: **02018 50100 012 + COLOUR NO.**

Garment weight: approx. 595g

Two-coloured • stretch straps with fixlock buckles • straight kidney protection • slit with covered zip • 1 side entry on the left with button • 2 side seam pockets • 1 outer bib pocket • 1 back pocket with flap and snap fastener • 1 mobile phone pocket on the right with flap and hook&loop fastening.

MATERIAL: 99 % POLYESTER, 1 % CARBON, FC-EQUIPMENT**FABRIC WEIGHT:** approx. 240g/m²

REPELLENCY AND PENETRATION INDEXES: Repellency index A (%): Sulphuric acid 30 %: 99.8, Sodium hydroxide solution 10 %: 99.6, o-Xylene: 87.8, Butan-1-ol: 95.3; Penetration index P (%): Sulphuric acid 30 %: 0.0, Sodium hydroxide solution 10 %: 0.0, o-Xylene: 7.6, Butan-1-ol: 1.1

HB-CHEM

HB-CHEMprotect



The new and equally lightweight HB-CHEMprotect coats for men and women also offer reliable chemical protection plus antistatic properties. They are suitable for use in many different branches of industry and, like jackets and trousers, are available in several colours.

ITEM	COLOUR	COLOUR NO.	COLOUR NAME			REGULAR SIZES
5		10	white	EN 13034 Type 6	EN 1149-5	36/38-44/46
6		10	white			46-58 & 94-110
		2030	royal/dark blue			
		2082	anthracite/dark blue			

FIELDS OF APPLICATION: Chemical industry, steel industry, automotive industry, battery factories, laboratories, electroplating



5 and 6 | All pockets with flap and covered snap fasteners



LADIES COAT

Chemical protection type 6
Part number: **02018 40073 001 10**
Garment weight: approx. 580g

Single-coloured • turn-down collar • covered front closure with snap fasteners • 2 attached breast pockets and 2 side pockets with flaps and covered snap fasteners • sleeve width adjustable via snap fasteners • leasing neck label • embroidered FR standard pictograms on the front.

21 TO WEAR
Ladies coat available in further colours – in just 21 days. See page 237.

MEN'S COAT

Chemical protection type 6
Part number: **02018 40021 001 10**
Garment weight: approx. 640g

MEN'S COAT

Chemical protection type 6
Part number: **02018 40021 000 + COLOUR NO.**
Garment weight: approx. 640g

Single- or two-coloured • turn-down collar • covered front closure with snap fasteners • 2 attached breast pockets and 2 side pockets with flaps and covered snap fasteners • sleeve width adjustable via snap fasteners • leasing neck label • embroidered FR standard pictograms on the front.

MATERIAL: 99 % POLYESTER, 1% CARBON, FC-EQUIPMENT

FABRIC WEIGHT: approx. 240 g/m²

REPELLENCY AND PENETRATION INDEXES: Repellency index A (%): Sulphuric acid 30%: 99.8, Sodium hydroxide solution 10%: 99.6, o-Xylene: 87.8, Butan-1-ol: 95.3; Penetration index P (%): Sulphuric acid 30%: 0.0, Sodium hydroxide solution 10%: 0.0, o-Xylene: 7.6, Butan-1-ol: 1.1





HB-CHEM FUNCTIONAL UNDERWEAR



Underwear is an important supplement to ensure comprehensive chemical protection. The low humidity absorption and the slight warming effect allow for optimal wearing comfort – an important component of an optimal protection system.

ITEM	COLOUR	COLOUR NO.	COLOUR NAME	SIZES
1, 2, 3		11	off-white	6-8

FIELDS OF APPLICATION: Underwear for: chemical industry, steel industry, automotive industry, battery factories, laboratories, electroplating

UNDERSHIRT LONG-SLEEVED

Chemical protection type 6
Part number: **02008 76008 000 11**
Garment weight: approx. 200g

Edged neckline • short-sleeved opening with stretchy double-stitched seam • hem with stretchy double-stitched seam.



Hem with stretchy double-stitched seam

UNDERSHIRT SHORT-SLEEVED

Chemical protection type 6
Part number: **02008 76009 000 11**
Garment weight: approx. 170g

Edged neckline • short-sleeved opening with stretchy double-stitched seam • hem with stretchy double-stitched seam.



Hem with stretchy double-stitched seam

UNDERPANTS LONG

Chemical protection type 6
Part number: **02008 76010 000 11**
Garment weight: approx. 200g

Elastic waistband • double-sided fly • leg opening with knitted cuffs.



Leg opening with knitted cuffs

MATERIAL: 100 % POLYACRYLIC

FABRIC WEIGHT: approx. 170 g/m² • **CHARACTERISTICS:** Rib knit, modern and form-fitting design

