



**JACKET: HB-CHEMCOMFORT ANTISTATIC**  
presented by Manfred Ober,  
Solution Manager



# CHEMICALS

Whether you're outdoors or in the laboratory – things are not always pH-adjusted! Our products are subject to the most intense measures for quality assurance so that dangerous chemicals will not harm the human body. Higher-than-standard quality – a distinctive feature of HB Schutzbekleidung – is of particularly high value especially when working with chemicals.

## HB-CHEMSTANDARD

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



Side pockets with flaps and covered snap fasteners



### JACKET

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.

Part number	<b>02001 10003 006 56</b>
Garment weight	<b>approx. 535 g</b>
Regular sizes	46-58 & 94-110
Secondary sizes	44, 60-64, 24-29
Colour	● iron grey
Wearing comfort	👉👉
Industrial laundry	👉
Standards	



DIN EN 13034  
Type 6



## MATERIAL

### HB-CHEMSTANDARD //

100% POLYACRYLIC, FC-EQUIPMENT

**HB-CHEM**

#### FABRIC WEIGHT

approx. 270 g/m<sup>2</sup>

#### REPELLENCY AND PENETRATION INDEXES

Repellency index A (%): Sulphuric acid 30%: 97-5, Sodium hydroxide solution 10%: 99-7, o-Xylene: 96-3, Butan-1-ol: 96.0, Penetration index P (%): Sulphuric acid 30%: 0.3, Sodium hydroxide solution 10%: 0.0, o-Xylene: 3.5, Butan-1-ol: 0.7

#### FIELDS OF APPLICATION

Chemical and petrochemical industry, steel industry, automotive industry, battery factories, laboratories and electroplating



## SHIRT

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

Part number **02001 60000 004 56**

Garment weight **approx. 490 g**

Regular sizes 39/40 – 47/48

Secondary sizes 37/38, 49/50, 51/52

Colour ● iron grey

Wearing comfort

Industrial laundry

Standards



DIN EN 13034  
Type 6

## MAN'S COAT

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.

Part number **02001 46001 000 56**

Garment weight **approx. 690 g**

Regular sizes 46-58 & 94-110

Secondary sizes 44, 60-64, 24-29

Colour ● iron grey

Wearing comfort

Industrial laundry

Standards



DIN EN 13034  
Type 6

## HB-CHEMSTANDARD

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

Ruler pocket  
on back trousers



## MATERIAL

### HB-CHEMSTANDARD //

100% POLYACRYLIC, FC-EQUIPMENT

**HB-CHEM**

#### FABRIC WEIGHT

approx. 270 g/m<sup>2</sup>

#### REPELLENCY AND PENETRATION INDEXES

Repellency index A (%): Sulphuric acid 30%: 97-5, Sodium hydroxide solution 10%: 99-7, o-Xylene: 96-3, Butan-1-ol: 96.0, Penetration index P (%): Sulphuric acid 30%: 0.3, Sodium hydroxide solution 10%: 0.0, o-Xylene: 3.5, Butan-1-ol: 0.7

#### FIELDS OF APPLICATION

Chemical and petrochemical industry, steel industry, automotive industry, battery factories, laboratories and electroplating



## TROUSERS


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

Part number **02001 20003 014 56**

Garment weight **approx. 535 g**

Regular sizes 46-58 & 94-110

Secondary sizes 44, 60-64, 24-29

Colour  iron grey

Wearing comfort 

Industrial laundry 

Standards



DIN EN 13034  
Type 6

## DUNGAREES

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

Part number **02001 50002 007 56**

Garment weight **approx. 665 g**

Regular sizes 46-58 & 94-110

Secondary sizes 44, 60-64, 24-29

Colour  iron grey

Wearing comfort 

Industrial laundry 

Standards



DIN EN 13034  
Type 6

# HB-CHEMCLASSIC

Tried and tested - the fabric, certified according to DIN EN 13034 Type 6, is a classic in the field of chemical protection and offers a good and proven wearing comfort.



+ Inner front pocket

+ All pockets with flaps and covered snap fasteners



Wristbands with covered snap fasteners

## JACKET

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.

Part number	<b>02002 10003 006 57</b>
Garment weight	<b>approx. 555 g</b>
Regular sizes	46-58 & 94-110
Secondary sizes	44, 60-64, 24-29
Colour	 mottled grey
Wearing comfort	
Industrial laundry	
Standards	

DIN EN 13034  
Type 6

## MATERIAL

### HB-CHEMCLASSIC //

100% POLYESTER, FC-EQUIPMENT

**HB-CHEM**

#### FABRIC WEIGHT

approx. 260 g/m<sup>2</sup>

#### REPELLENCY AND PENETRATION INDEXES

Repellency index A (%): Sulphuric acid 30%: 99.3, Sodium hydroxide solution 10%: 98.9, o-Xylene 21.7, Butan-1-ol: 64.8; Penetration index P (%): Sulphuric acid 30%: 0.0, Sodium hydroxide solution 10%: 0.1; o-Xylene 36.9, Butan-1-ol: 15.9

#### FIELDS OF APPLICATION

Chemical industry, steel industry, automotive industry, battery factories, laboratories.



## TROUSERS

Single-coloured • added waistband with 7 belt loops • 2 side seam pockets, 1 hip pocket on the right with flap and covered snap fastener • 1 ruler pocket on the right • covered button fly.

Part number **02002 20003 003 57**

Garment weight **approx. 535 g**

Regular sizes 46-58 & 94-110

Secondary sizes 44, 60-64, 24-29

Colour  mottled grey

Wearing comfort 

Industrial laundry 

Standards



DIN EN 13034  
Type 6

## DUNGAREES

Single-coloured • stretch braces with clamp-on clips • 1 outer bib pocket and 1 hip pocket on the right, each with flap and covered snap fastener • 2 side seam pockets • 1 ruler pocket on the right • covered button fly • 1 side access on the left, adjustable via buttons.

Part number **02002 50002 007 57**


Garment weight **approx. 650 g**

Regular sizes 46-58 & 94-110

Secondary sizes 44, 60-64, 24-29

Colour  mottled grey

Wearing comfort 

Industrial laundry 

Standards



DIN EN 13034  
Type 6



# HB-CHEMCOMFORT ANTISTATIC

This light-weight fabric combines chemical protection and permanent antistatic properties – a perfect solution for many specialised manufacturing processes.



## JACKET

Single-coloured or two-coloured • turn-down collar • 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.

Part number	<b>02006 10003 006 + colour no.</b>	
Garment weight	<b>approx. 510 g</b>	
Colour	● royal	<b>41</b>
	● anthracite	<b>58</b>

Part number	<b>02006 10053 000 2082</b>	
Garment weight	<b>approx. 510 g</b>	
Colour	● anthracite/dark blue	

Regular sizes	46-58 & 94-110
Secondary sizes	44, 60-64, 24-29

Wearing comfort	👉👉👉
Industrial laundry	👉👉👉

Standards		
	DIN EN 13034 Type 6	DIN EN 1149-5

## SHIRT

Single-coloured • turn-down collar with added band • closure band with covered snap fasteners on both sides • 1 front pocket on the left with flap • wristband with let-in piece and adjustable snap fasteners.

Part number	<b>02006 60002 000 + colour no.</b>	
Garment weight	<b>approx. 470 g</b>	
Colour	● royal	<b>41</b>
	● anthracite	<b>58</b>

Regular sizes	39/40 – 47/48
Secondary sizes	37/38, 49/50, 51/52

Wearing comfort	👉👉👉
Industrial laundry	👉👉👉

Standards		
	DIN EN 13034 Type 6	DIN EN 1149-5

## MATERIAL

### HB-CHEMCOMFORT ANTISTATIC //

99% POLYESTER, 1% CARBON, FC-EQUIPMENT

**HB-CHEM**

#### FABRIC WEIGHT

approx. 240 g/m<sup>2</sup>

#### REPELLENCY AND PENETRATION INDEXES

Repellency index A (%): Sulphuric acid 30%: 97.2, Sodium hydroxide solution 10%: 99.6, o-Xylene: 93.7, Butan-1-ol: 84.4; Penetration index P (%): Sulphuric acid 30%: 0.5, Sodium hydroxide solution 10%: 7.0, o-Xylene: 5.7, Butan-1-ol: 7.9

#### FIELDS OF APPLICATION

Chemical industry, steel industry, automotive industry, battery factories, laboratories, electroplating



Ruler pocket +



## TROUSERS

Single-coloured • added waistband with 7 belt loops • 2 side seam pockets, 1 hip pocket on the right, each with flap and covered snap fastener • 1 ruler pocket on the right • covered button fly.

Part number **02006 20003 003 + colour no.**

Garment weight **approx. 500 g**

Colour ● royal **41**  
● anthracite **58**

Regular sizes 46-58 & 94-110

Secondary sizes 44, 60-64, 24-29

Wearing comfort

Industrial laundry

Standards



DIN EN 13034  
Type 6



DIN EN 1149-5

## DUNGAREES

Single-coloured • stretch braces with clamp-on clips • 1 outer bib pocket and 1 hip pocket on the right, each with flap and covered snap fastener • 2 side seam pockets • 1 ruler pocket on the right • covered button fly • 1 side access on the left, with buttons.

Part number **02006 50002 007 + colour no.**

Garment weight **approx. 595 g**

Colour ● royal **41**  
● anthracite **58**

Regular sizes 46-58 & 94-110

Secondary sizes 44, 60-64, 24-29

Wearing comfort

Industrial laundry

Standards



DIN EN 13034  
Type 6



DIN EN 1149-5

# HB-CHEMCOMFORT ANTISTATIC

Also the light-weight white coats for ladies and men combine chemical protection and permanent anti-static properties. They are the perfect solution for many specialised manufacturing processes.

## MATERIAL

### HB-CHEMCOMFORT ANTISTATIC //

99% POLYESTER, 1% CARBON, FC-EQUIPMENT



## FABRIC WEIGHT

approx. 240 g/m<sup>2</sup>

## REPELLENCY AND PENETRATION INDEXES

Repellency index A (%): Sulphuric acid 30%: 97.2, Sodium hydroxide solution 10%: 99.6, o-Xylene: 93.7, Butan-1-ol: 84.4; Penetration index P (%): Sulphuric acid 30%: 0.5, Sodium hydroxide solution 10%: 6.0, o-Xylene: 5.7, Butan-1-ol: 7.9

## FIELDS OF APPLICATION

Chemical industry, steel industry, automotive industry, battery factories, laboratories, electroplating



All pockets with flap and covered snap fasteners



## LADY'S COAT

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 • sleeve hem width adjustable via inwards covered snap fasteners.

Part number **02006 40018 000 10**

Garment weight **approx. 580 g**

Colour  white

Regular sizes 36/38 – 44/46

Secondary sizes 48/50 – 56/58

Wearing comfort

Industrial laundry

Standards



DIN EN 13034  
Type 6



DIN EN 1149-5

## MAN'S COAT

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 inwards covered snap fasteners.

Part number **02006 40002 004 10**

Garment weight **approx. 640 g**

Colour  white

Part number **02006 40002 000 + colour no.**

Garment weight **approx. 640 g**

Colour  royal **41**  
 anthracite **58**

Regular sizes 46-58 & 94-110

Secondary sizes 44, 60-64, 24-29

Wearing comfort

Industrial laundry

Standards



DIN EN 13034  
Type 6



DIN EN 1149-5



# 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.

**MATERIAL**  
**FUNCTIONAL UNDERWEAR //**  
100 % POLYACRYLIC

FABRIC WEIGHT	approx. 170 g/m <sup>2</sup>
CHARACTERISTICS	Rib knit, modern and form-fitting design
FIELDS OF APPLICATION	Underwear for: chemical industry, steel industry, automotive industry, battery factories, laboratories, electroplating



## UNDERSHIRT, LONG-/SHORT-SLEEVED

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

Part number Long-Sleeved	<b>02008 76008 000 11</b>
Garment weight	approx. 200 g
Part number Short-Sleeved	<b>02008 76009 000 11</b>
Garment weight	approx. 170 g
Size	6 – 8
Colour	<input type="radio"/> off-white
Wearing comfort	

## UNDERPANTS

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

Part number	<b>02008 76010 000 11</b>
Garment weight	approx. 200 g
Size	6 – 8
Colour	<input type="radio"/> off-white
Wearing comfort	