



NOTA BENE

1 priedas

PASIŪLYMAS SPECIALIŲJŲ DRABUŽIŲ IR JŲ PRIEDŲ PIRKIMUI

2015-05-04

(Data)

Vilkpėdės g. 22, LT-03151 Vilnius

(Vieta)

Tiekėjo pavadinimas:	UAB „Nota Bene“
Tiekėjo adresas:	Vilkpėdės g. 22, LT-03151 Vilnius
Už pasiūlymą atsakingo asmens vardas, pavardė:	Pardavimų grupės vadovas Dainius Janulionis
Telefono numeris:	(5) 2755251
Fakso numeris:	(5) 2758822
El. pašto adresas:	dainius.janulionis@notabene.lt

Šiuo pasiūlymu pažymime, kad sutinkame su visomis sąlygomis, nustatytomis Kvietime pateikti pasiūlymą.

Mūsų siūloma Apsauginės aprangos kaina:

<i>Eilės Nr.</i>	<i>Prekių pavadinimas</i>	<i>Kiekis</i>	<i>Kaina Eur be PVM</i>
1.	Apsauginės aprangos komplektas, kurį sudaro: 1. Apsauginė liemenė su prijuoste – 1 vnt.; 2. Apsauginiai batai su įtaisytu aliuminiu antblauzdžiu – 1 pora; 3. Apsauga rankoms – 1 pora. Gamintojas: TST Sweden AB (Švedija) Modeliai: 5123568 / 5000 – Apsauginė liemenė su prijuoste 5158068 / 5000 – Apsauginiai batai su įtaisytu aliuminiu antblauzdžiu 5100068 / 5001 – Apsauga rankoms, kairės pusės 5100068 / 5002 – Apsauga rankoms, dešinės pusės	2 kompl.	5140,00
PVM 21% suma :			1079,40
Bendra Pasiūlymo kaina, Lt su PVM :			6219,40

Į Pasiūlymo kainą įeina visos Tiekėjo išlaidos ir visi mokesčiai.

Siūloma prekė visiškai atitinka pirkimo dokumentuose nustatytus reikalavimus.

Visos darbų saugos priemonės + Specialios paskirties įranga

UAB „NOTA BENE“
Vilkpėdės g. 22
LT-03151 Vilnius

Tel. (5) 2755251
Faksas (5) 2758822
El. paštas: info@notabene.lt
www.notabene.lt

Įmonės kodas: 220370400
PVM mokėtojo kodas: LT100000000-001-
Pajamų Nr. AB091377

AB „Dainius Janulionis“ Vilniaus Filialas
Bando kodas: 71803
AŠTIT 1113071803000000000000
AŠTITP 1183718030000000000000

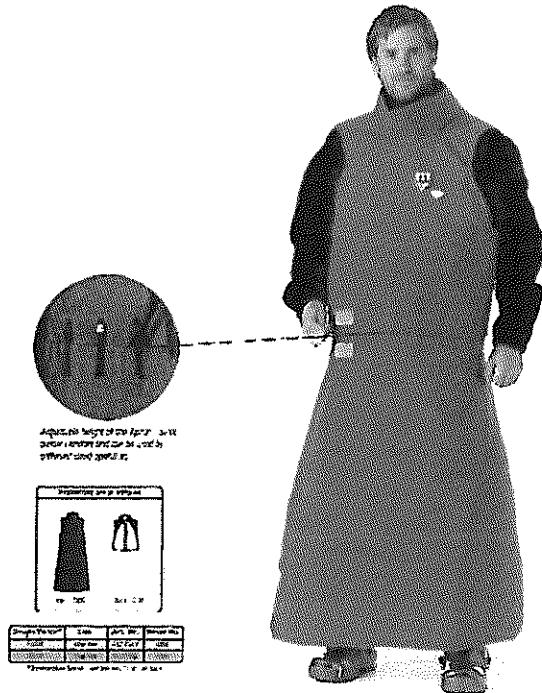
Direktorius, Andrius Jazgevičius

(Tiekējo arba jo įgalioto asmens pareigos, vardas, pavardė, parašas)

SECRET



Siūlomos prekės visiškai atitinka pirkimo dokumentuose nustatytus reikalavimus ir jų savybės tokios:

Eilės Nr.	Prekių pavadinimas ir reikalaujamos prekių techninės charakteristikos	Siūlomų prekių techninės charakteristikos												
1.	<u>Apsauginė liemenė su prijuoste:</u> - skirta apsaugai nuo 2000 bar slėgio vandens srovės, kai įrengti vienos srovės purkštukai, arba nuo 3000 bar slėgio vandens srovės, kai įrengtos rotacinės galvutės; - dydis reguliuojamas ne siauresniame nei 52÷62 (104÷122 cm) diapazone; - turi turėti CE ženklą.	<i>Atitinka</i> <u>Apsauginė liemenė su prijuoste:</u> - skirta apsaugai nuo 2000 bar slėgio vandens srovės, kai įrengti vienos srovės purkštukai, arba nuo 3000 bar slėgio vandens srovės, kai įrengtos rotacinės galvutės; - dydis reguliuojamas ne siauresniame nei 52÷62 (104÷122 cm) diapazone; - turi CE ženklą  Atitinka reikią lygį ir turi CE ženklą, kuris rodo, kad šis apsauginis apdangalas atitinka reikią lygį. Prekių pavadinimas: Apsauginė liemenė su prijuoste <table> <tr> <th>Prekių pavadinimas</th> <th>Tipas</th> <th>Slėgis, bar</th> <th>Medžiaga</th> </tr> <tr> <td>Apsauginė liemenė su prijuoste</td> <td>1000</td> <td>2000</td> <td>1000</td> </tr> <tr> <td>Apsauginė liemenė su prijuoste</td> <td>1000</td> <td>3000</td> <td>1000</td> </tr> </table> *Pavadinimai lietuvių kalba yra pateikti tik informaciniais tikslais.	Prekių pavadinimas	Tipas	Slėgis, bar	Medžiaga	Apsauginė liemenė su prijuoste	1000	2000	1000	Apsauginė liemenė su prijuoste	1000	3000	1000
Prekių pavadinimas	Tipas	Slėgis, bar	Medžiaga											
Apsauginė liemenė su prijuoste	1000	2000	1000											
Apsauginė liemenė su prijuoste	1000	3000	1000											

Visos darbu sąaugos priemonės • Specialios paskirties įranga

UNIVERSITY OF ALABAMA
Tuscaloosa, Alabama 35486-8001
USA
Phone: 205/975-3131
Fax: 205/975-3132
E-mail: info@uab.edu

Jel. $(2^7) 2^{10} 22$
 Pak. $(2^5) 2^{10} 22$
 El. patet. mto. notabene. h
 v. w. notabene. h

Inshore Loda 2203" x 4cm
 P¹ Mid, clasp Loda 1716mm x 4cm
 P² clasp Loda 1716mm x 4cm

Mr. Stephen Paul, Chairman, Federal
Bankruptcy Court
at 111-1137 (2000) 157-1
157-1137 (2000) 157-1

2.	<u>Apsauginiai batai su įtaisytu aliumininu antblauzdžiu:</u> - turi atitikti EN 345-1 arba lygiavėčio standarto reikalavimus; - skirti apsaugai nuo 2000 bar slėgio vandens srovės, kai įrengti vienos srovės purkštukai, arba nuo 3000 bar slėgio vandens srovės, kai įrengtos rotacinės galvutės; - dydis 44, 45 (1 pora - 44 dydis, 1 pora - 45 dydis) - turi turėti CE ženklą.	<i>Atitinka</i> <u>Apsauginiai batai su įtaisytu aliumininu antblauzdžiu:</u> - atitinka EN 345-1 standarto reikalavimus; - skirti apsaugai nuo 2000 bar slėgio vandens srovės, kai įrengti vienos srovės purkštukai, arba nuo 3000 bar slėgio vandens srovės, kai įrengtos rotacinės galvutės; - dydis 44, 45 (1 pora - 44 dydis, 1 pora - 45 dydis); - turi CE ženklą. 
3.	<u>Apsauga rankoms:</u> - skirta apsaugai nuo 2000 bar slėgio vandens srovės, kai įrengti vienos srovės purkštukai, arba nuo 3000 bar slėgio vandens srovės, kai įrengtos rotacinės galvutės; - turi turėti CE ženklą.	<i>Atitinka</i> <u>Apsauga rankoms:</u> - skirta apsaugai nuo 2000 bar slėgio vandens srovės, kai įrengti vienos srovės purkštukai, arba nuo 3000 bar slėgio vandens srovės, kai įrengtos rotacinės galvutės; - turi CE ženklą.   

Su papildoma informacija apie siūlomas prekes, galima susipažinti gamintojo TST Sweden AB (Švedija) internetinėje svetainėje, šiuo adresu: http://www.tst-sweden.com/products/waterjet_protection

Visos darbų saugos priemonės • Specialios paskirties įranga

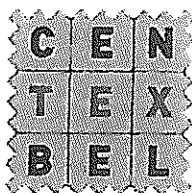
UAB NOTA BENE
 Volfpiedų g. 22
 LT-03151 Vilnius

Tel (+370) 2730822
 Faksas (+370) 2738222
 El. pašto adresas: nota@nota.lt
www.notalbene.lt

Įmonės kodas: 220376400
 PVM mokėtojo kodas: LT100000000
 Registracijos Nr. M0942377

AB Švedijos Rankos Vamzės Tada
 Rankos Kodas: 71803
 a - LT1111190713060000437518
 a - EUP LT1111190713060000437518

Alt. Sankha Pandita Vihar in India
Pandita Koda 71903
a. 1111 1110 1110 1110 1110 1110 1110 1110
a. 1111 1111 1111 1111 1111 1111 1111 1111



In application of the directive 89/686/EEG of 21 December 1989 concerning the harmonisation of the Member States legislation relative to personal protective equipment, Centexbel Notified body 0493 authorised by decree AV/OA235/ST dated 94-05-25 of the Ministry of Employment and Labour has issued

to: **TST Sweden AB**

**Prästgatan 12
511 54 Kinna
Sweden**

CE TYPE EXAMINATION CERTIFICATE

Nr. 04610558

This CE Type examination certificate is valid until 18/10/2015

for: The Ultra high pressure (UHP) protection

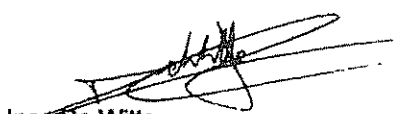
- | | |
|------------------------------------|-------------------------------|
| - The hand protection left | 5100047 XXXX and 5100068 XXXX |
| - The hand protection right | 5120047 XXXX and 5120068 XXXX |
| - The waistcoat | 5122047 XXXX and 5122068 XXXX |
| - The jacket with hand protection | 5123047 XXXX and 5123068 XXXX |
| - The Apron | 5123047 XXXX and 5123068 XXXX |
| - The Trousers | 5132047 XXXX and 5132068 XXXX |
| - The overall with hand protection | 5144047 XXXX and 5144068 XXXX |
| - The waistcoat with apron | 5023547 XXXX and 5023568 XXXX |
| - The Gaiters | 5158047 XXXX and 5158068 XXXX |

The personal protective equipment above mentioned satisfies the applicable essential safety requirements of the Directive 89/686/EEC, Annex II:

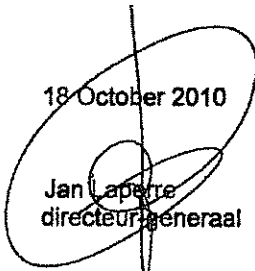
- General requirements (§ 1)
- Adjustment systems (§ 2.1)
- Protection against mechanical impact (§ 3.1.1)
- Protection against physical injury (§ 3.3)

The equipment was tested by an ad-hoc procedure under supervision of the notified body, as described in the technical file.

The technical file is registered with number 4664


Inge De Witte
certification officer

18 October 2010


Jan Laperre
directeur-generaal

CENTEXBEL GENT

Technologiepark 7, BE-9052 Zwijnaarde (Gent)

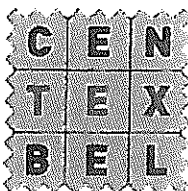
tel. + 32 9 220 41 51

fax + 32 9 220 45 53

e-mail gent@centexbel.be

BTW BE 0459 218 289 - fin.rek. 210-0472966-45 - IBAN BE 48 2100 4729 6545

www.centexbel.be



Annex to certificate 04610558

The Ultra high pressure (UHP) protection has the following protection level:

- The hand protection left 5100047 XXXX and 5100068 XXXX
- The hand protection right 5120047 XXXX and 5120068 XXXX
- The waistcoat 5122047 XXXX and 5122068 XXXX
- The jacket with hand protection 5123047 XXXX and 5123068 XXXX
- The Apron 5123047 XXXX and 5123068 XXXX
- The Trousers 5132047 XXXX and 5132068 XXXX
- The overall with hand protection 5144047 XXXX and 5144068 XXXX
- The waistcoat with apron 5023547 XXXX and 5023568 XXXX
- The Gaiters 5158047 XXXX and 5158068 XXXX

Protection level:	Pressure (bar)	Pressure (psi)	Result
10/28	1000/2800	15000/40000	No penetration
20/30	2000/3000	30000/43500	No penetration

CENTEXBEL GENT

Technologiepark 7, BE-9052 Zwijnaarde (Gent)

tel. + 32 9 220 41 51

fax + 32 9 220 49 55

e-mail gent@centexbel.be

BTW BE 0439 218 289 - fin.rek. 210-0472965-43 - IBAN BE 44 2100 4729 6543

www.centexbel.be



INSTRUCTIONS FOR USE

PROTECTIVE CLOTHING FOR UHP – ULTRA HIGH PRESSURE



BACKGROUND

TST Sweden AB, has developed protective clothing for use during ultra high pressure work in close co-operation with end users. The design is based on safety and comfort.

BEFORE USE

The user must make a thorough evaluation of the risks likely to occur and base the choice of protective clothing upon that evaluation.

Consult the labels on the inside of the garment to make sure the size is suitable (see size tables) and that the protected areas corresponds to the risks for the specific type of work and equipment. The garment is only providing protection in the marked areas.

COMBINATIONS

The user must make sure that the body-parts most likely to be exposed to danger corresponds to the protected areas of the PPE. Example: If the lower part of the body is exposed to danger it is important to wear Gaiters/Boots 3000 as well as Trousers.

Suggested combinations: Trousers – Gaiters/Boots 3000. Trousers – Gaiters/Boots 3000 - Jacket. Gaiters/Boots 3000 - Apron. Jacket - Trousers.

HOW TO PUT THE EQUIPMENT ON

Trousers: Unzip along the outside of both legs to allow donning with boots. Put on the trousers and adjust the braces for maximum convenience. Close the zippers and the protective Velcro-flaps carefully. If the trousers are used together with the gaiters, the trousers shall be outside the gaiters.

Gaiters: Put the boot inside the gaiter. Tighten the strap under the foot to prevent the gaiter from sliding during use. Tighten the gaiter along the sole of the boot with the bottom Velcro- ribbons. Tighten the three straps on the outside to a close and secure fit. If the gaiters are worn together with trousers, the gaiter shall be underneath the trousers.

Boot 3000: Use as regular boots. The boots shall be underneath trousers, if worn.

Jacket: The jacket shall be put on with the opening on the back. Start closing the top Velcro-ribbon followed by the bottom one and then the rest of the ribbons.

Waistcoat:

Apron: Put the neck band around the neck and adjust the position. Put the waistbands around the back and close the buckle. Tighten.

Waistcoat with Apron: Adjust the height of the apron to suit the operator and actual protective clothing, for example gaiters/boots.

Overall: Put the legs inside the overall. If there are braces attached to the overall, put them on and adjust them, put on the sleeves. Close the zipper and the Velcro-flap properly.

STORING

Store the garments dry and not in direct sunlight.

UNIQUE PROTECTION EQUIPMENT



WASHING INSTRUCTIONS FOR PROTECTION EQUIPMENT

Hand-wash with brush and soap-solution. Allow to dry in a well ventilated area. Do not expose the garments to diesel or solvents!
Wash in machine in 40°C.



PROTECTION LEVELS

The different levels of protection have been determined by testing according to the table below. The technical specifications of the tests are as follows.

PROTECTION LEVEL	PRESSURE (bar)	FLOW (l/min)	NOZZLES (mm)	RPM	DIST. (mm)	SPEED (m/s)	RESULTS
10/28	1000	19,8	1x1,0		75	0,5	No penetration
10/28	2800	18,8	2x0,6	3000	75	0,5	No penetration
20/30	2000	17,9	1x0,8		75	0,5	No penetration
20/30	3000	19,5	2x0,6	3000	75	0,5	No penetration

SIZE TABLE TROUSERS AND JACKET

SIZE	BODY LENGTH (cm)	CHEST WIDTH (cm)
S/M	<186	85-100
L/XXL	187-192	108-116

SIZE TABLE WAISTCOAT

M/XXL	176-196	85-124
3XL	196-206	124-132

SIZE TABLE OVERALL

S	<175	85
M	176-180	100
L	181-186	108
XL	187-192	116
XXL	193-200	124
3XL	201-206	132

CE-CERTIFIED BY

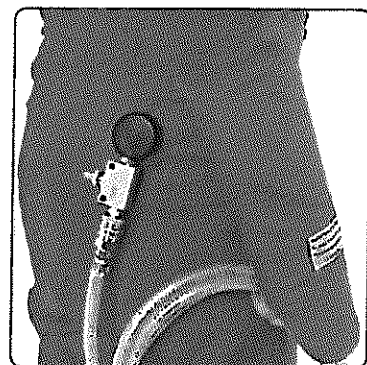
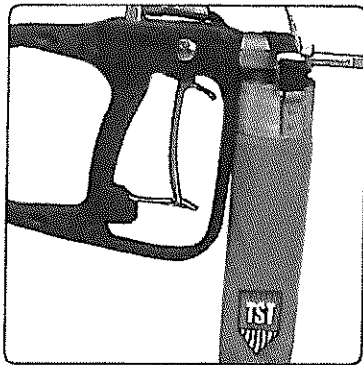
Centexbel
GentTechnologiepark 7.
9052 Zwijnaarde
Belgium

MANUFACTURED BY

TST Sweden AB

UNIQUE PROTECTION EQUIPMENT

Waterjet Protection

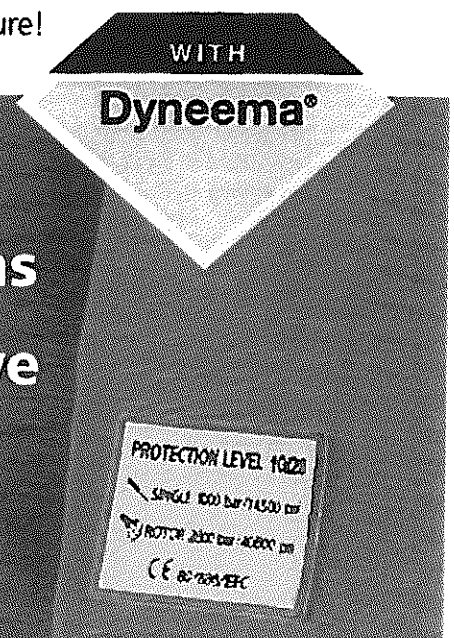


UNIQUE PROTECTION EQUIPMENT



Advanced protective equipment for waterjetting

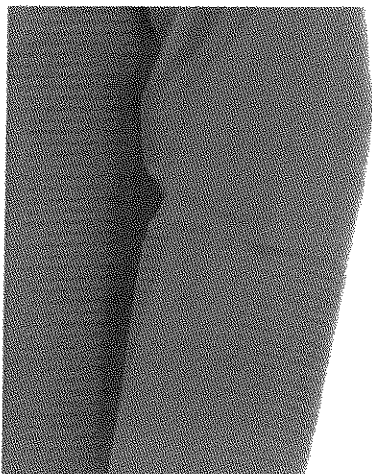
Ever since we developed our first collection of protective clothing for waterjetting in 1994, we have consulted end users across the world. Our aim is to offer a broad range of protective equipment with technically advanced features, high level of comfort and high quality. TST® was first with CE-marked products for waterjetting protection and it is a challenge to keep up with the technical development on pumps and accessories, and the demands from the users. To further improve our products, we use special fabrics containing the worlds strongest fiber – Dyneema® fiber. Being an official licensee of DSM Dyneema gives us, and you, a great advantage for the future!



**High pressure on oil platforms
or in the process industry – we
have the protective products.**

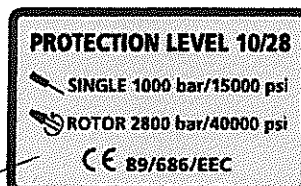
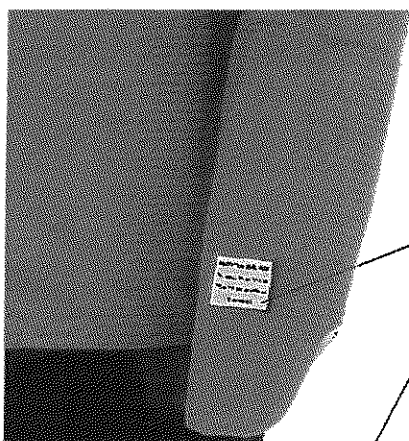


Important!



AREAS WITH PROTECTION

Striped fabric clearly identifies protected areas and the labels tell the level of protection. As waterjetting is very dangerous, it is essential that the operator knows where and what he is protected for.



PROTECTION LEVEL - YELLOW AND ORANGE

Yellow label indicates protection for 1000 bar/15000 psi single jet and 2800 bar/40000 psi rotor jet – 10/28.

Orange label indicates protection for 2000 bar/30000 psi single jet and 3000 bar/43500 psi rotor jet – 20/30.

Single/Rotor*	Size	Art. No.	Model No.
10/28	SM-2XL/3XL	5132047	5000
20/30	SM-2XL/3XL	5132068	5000

*Protection level – see test results on last page

NEW CERTIFICATION

Pumps and accessories gets more and more effective. Our new clothing is tested and certified in accordance with today's technical level and both for single and rotor jet.

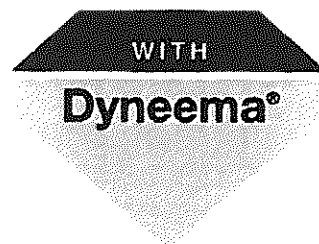
WATER PROOF

New outer material in a 3 layer laminate withstands water and dirt more effectively. This makes the operator dryer and lighter, and the clothing is easy to clean.

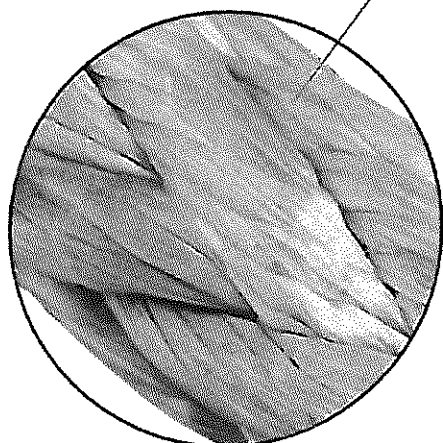
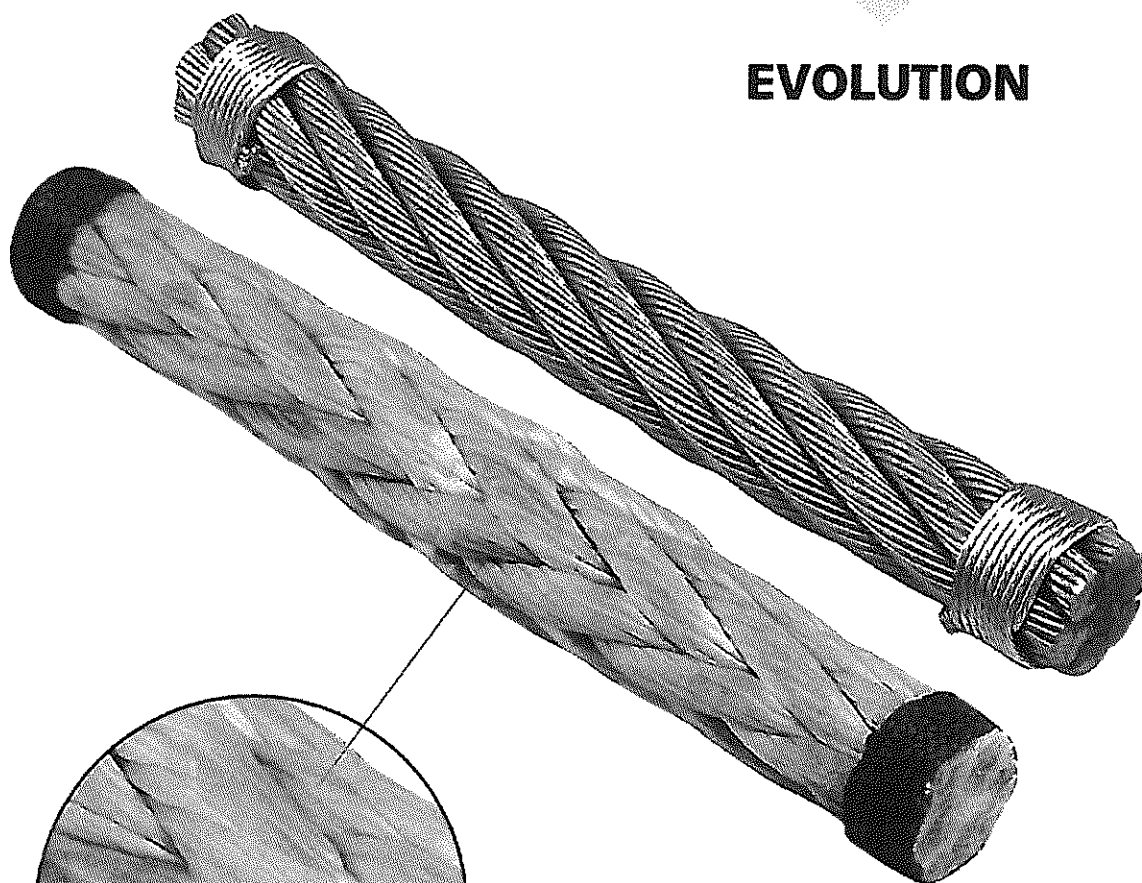
EASY TO CHOOSE

The new collection is selected with experience from 16 years of service and continuous contact with the users.

**The strongest fiber
in the world!**



EVOLUTION



Dyneema® is a registered trademark of
Royal DSM N.V.

STRONGER PROTECTION

Dyneema® is the world's strongest fiber (15 times stronger than steel on a weight for weight basis). This makes it possible to offer high levels of protection against waterjetting hazards even with lightweight fabric. Being much thinner and more flexible than traditional materials, such as leather, cotton and metals, products made with Dyneema® fiber will be very comfortable. Employees will appreciate this comfort, combined with higher protection, and consequently are more likely to wear them at all times.

Selected combinations with attractive pricing



1 SIGMA COMPLETE KIT

Offering very good protection. All you need to be protected and dry. Ventilation is an option. The Sigma Kit includes: Waistcoat and Overall with integrated Hand Protection.

Size S, M, L, XL, 2XL, 3XL.

Art. No. Opt. Ventilation 5198000 5040

Single/Rotor*	Size	Art. No.
10/28	S-3XL	51K20047
20/30	S-3XL	51K20068

*Protection level – see test results on last page

2 DELTA COMPLETE KIT

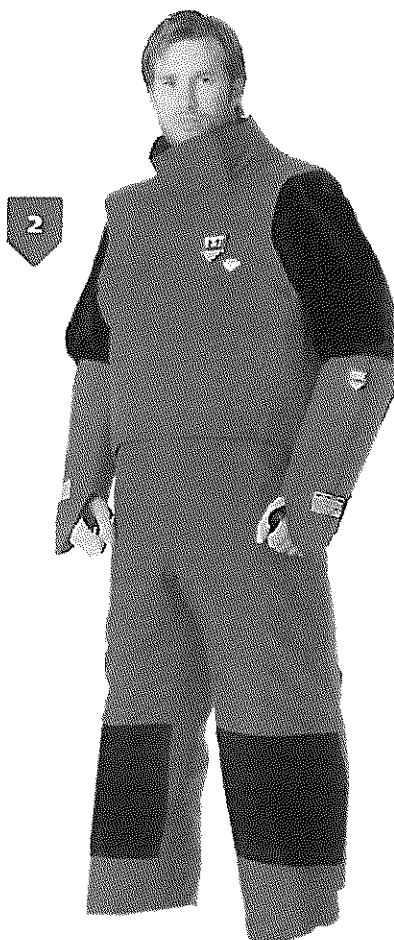
Offering very good protection and excellent comfort. Ventilation is an option. The Delta Kit includes: Waistcoat, Trousers and Hand Protections.

Size S/M, L/XL, 2XL/3XL.

Art. No. Opt. Ventilation 5198000 5030

Single/Rotor*	Size	Art. No.
10/28	SM-2XL/3XL	51K10047
20/30	SM-2XL/3XL	51K10068

*Protection level – see test results on last page



Foot protection is not included in the kits. See page 13.

3 GAMMA COMPLETE KIT

Provides comprehensive protection and high comfort. Ventilation is an option. The Gamma Kit includes: Trousers and Jacket with integrated Hand Protection.

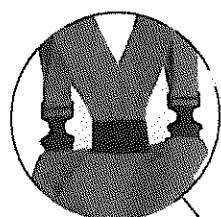
Size S/M, L/XL, 2XL/3XL.

Art. No. Opt. Ventilation 5198000 5030

Single/Rotor*	Size	Art. No.
10/28	SM-2XL/3XL	51K30047
20/30	SM-2XL/3XL	51K30068

*Protection level – see test results on last page





*Comfort details
in the back.*



Top comfort

High flexibility

New certification

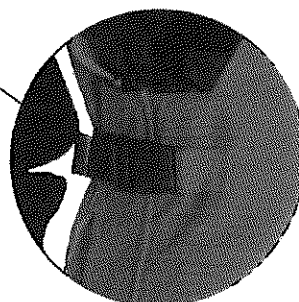
TROUSERS

The Trousers are fitted with front protection up to the waist. The zips on the outside of the legs are protected by a sealing velcro flap. Wide, adjustable braces with stretch in the back. Elastic part in the rear waist and adjustable band in the sides for maximum comfort and perfect fit. Trousers are very popular among workers who move a lot, climb or crawl. Can be ordered with optional ventilation. Preferably used in combination with Waistcoat or Jacket, Hand Protections, Gaiters or Boots 3000.

Weight 2.4 kg / 5.3 lbs. (Trousers 20/30, L/XL).

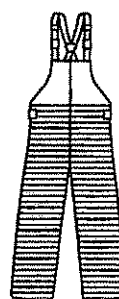
Size S/M, L/XL, 2XL/3XL.

Art. No. Optional Ventilation 5198000 5030



*Waist adjustment
for perfect fit.*

Protected areas striped



Front 5000



Back 5000

Single/Rotor*	Size	Art. No.	Model No.
10/2B	S/M-2XL/3XL	5132047	5000
20/30	S/M-2XL/3XL	5132068	5000

*Protection level – see EN 13034:2005



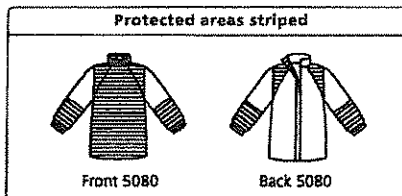
*Integrated
Hand Protection*

JACKET WITH HAND PROTECTION

The Jacket provides effective full front protection as well as around the neck and shoulders. It also has integrated Hand Protection. Ideally combined with Trousers and Gaiters or Boots 3000 for maximum protection.

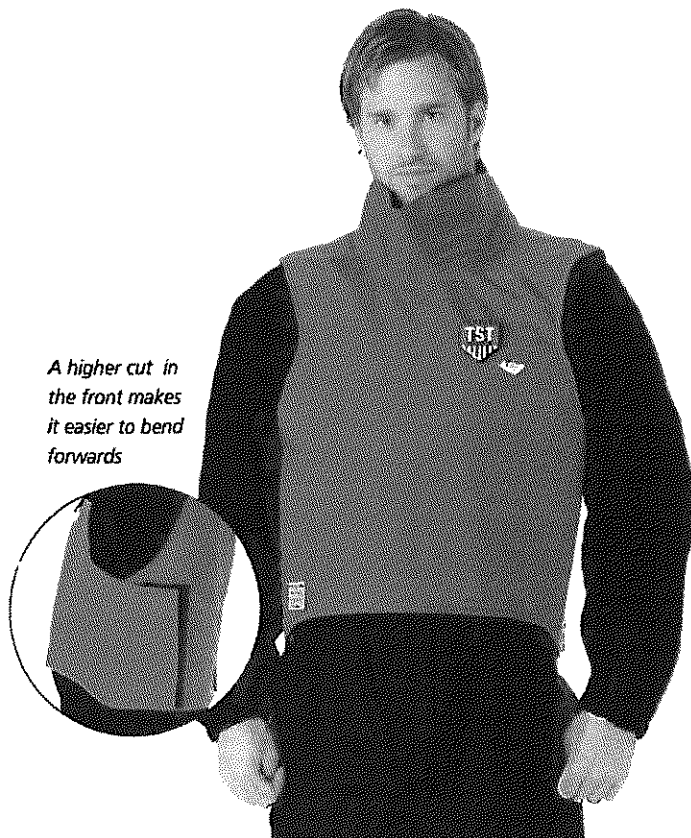
Weight 2.4 kg / 5.3 lbs. (Jacket 20/30 Model 5080, L/XL).

Size S/M, L/XL, 2XL/3XL.



Single/Rotor*	Size	Art. No.	Model No.
10/28	S/M-2XL/3XL	5122047	5080
20/30	S/M-2XL/3XL	5122068	5080

*Protection level – see test results on last page.



*A higher cut in
the front makes
it easier to bend
forwards*

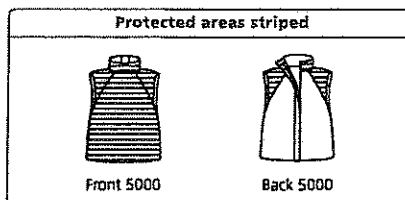
WAISTCOAT

The Waistcoat offers effective protection and optimal comfort.

Various sizes possible by using the velcro fasteners at the waist and back. The Waistcoat is often used in combination with Hand Protection, Trousers, Overall and Gaiters or Boots 3000.

Weight 1.2 kg / 2.6 lbs. (Waistcoat 20/30 Model 5000, M/2XL).

Size M/2XL, 3XL.



Single/Rotor*	Size	Art. No.	Model No.
10/28	M/2XL, 3XL	5120047	5000
20/30	M/2XL, 3XL	5120068	5000

*Protection level – see test results on last page.

OVERALL WITH HAND PROTECTION

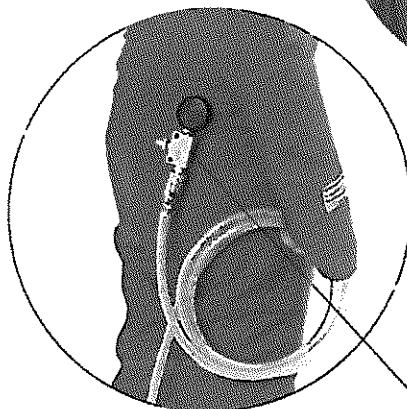
Protection against water jets on the front of the legs, the forearms and on the integrated Hand Protection. The neoprene collar seals well against the neck while maintaining freedom of movement. An Overall is always in place, no matter if the operator is climbing on ladders or working in narrow spaces. Ideally combined with Waistcoat for upper body protection, Gaiters or Boots 3000 for foot protection and Balaclava for better comfort. The overall can also be suited with Ventilation.

Weight 3.3 kg / 7.3 lbs. (Overall) 20/30 Model 5080, XL).

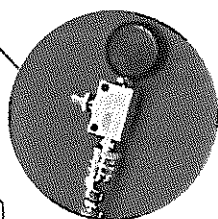
Art. No. Optional Ventilation 5198000 5040

Size S, M, L, XL, 2XL, 3XL

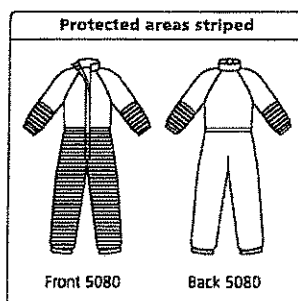
Neopren collar seals round the neck.



Ventilation – comfort option for warm environments.



Connection with flow regulator.



Single Rotor*	Size	Art. No.	Model No.
10/28	S-3XL	5144047	5080
20/30	S-3XL	5144068	5080

*Protection level – see EN 166 standard.



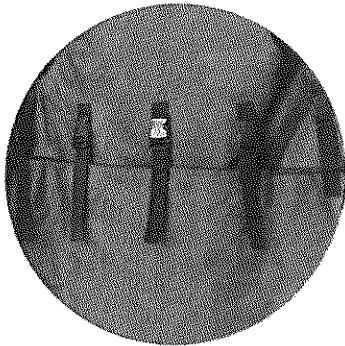
Products for all environments

WAISTCOAT WITH APRON

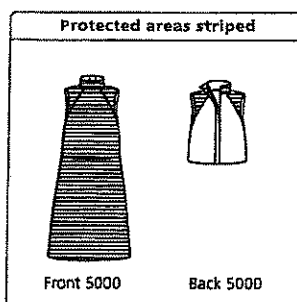
A thoughtful combination between Waistcoat and Apron giving superior freedom of movement and comfort, but still offering effective protection for the whole front of the body. The construction with a Waistcoat on top helps spreading the weight of the protective garment. The height of the Apron can be adjusted and the size of the Waistcoat can be adjusted with velcros – this means that it can be used by different operators or for different purposes. Hand Protections and Gaiters or Boots 3000 are suitable complements for extended protection.

Weight 3.3 kg / 7.3 lbs. (Waistcoat with Apron 20/30).

One size.



Adjustable height of the Apron – safer, better comfort and can be used by different sized operators



Single/Rotor*	Size	Art. No.	Model No.
10/28	One size	5123547	5000
20/30	One size	5123568	5000

*Protection level – see technical specifications

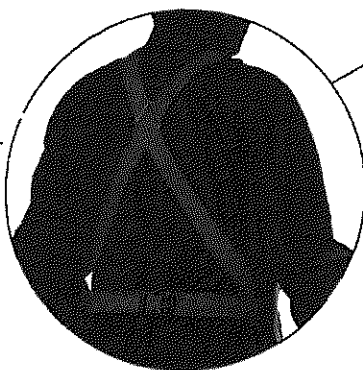


APRON

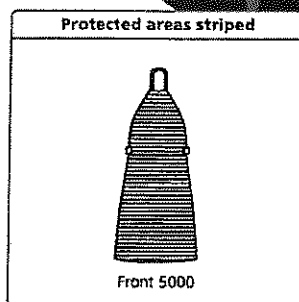
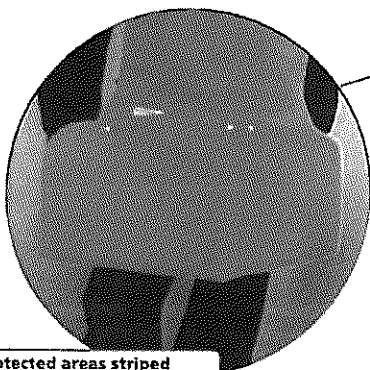
The full area of the Apron has built-in protection. The position of the Apron can be changed through the adjustable shoulderband. The special construction of this band helps spreading the weight of the Apron which is an important comfort detail. The Apron can be upfolded and fastened, for easier work in stairs and on ladders. Very easy to put on and off. Recommended for work on flat surfaces and is often used in combination with Hand Protections and Gaiters or Boots 3000. The Apron comes in one size. Weight 1,4 kg / 3.0 lbs. (Apron 20/30).

One size.

Adjustable shoulderband – perfect fit and weight distribution!



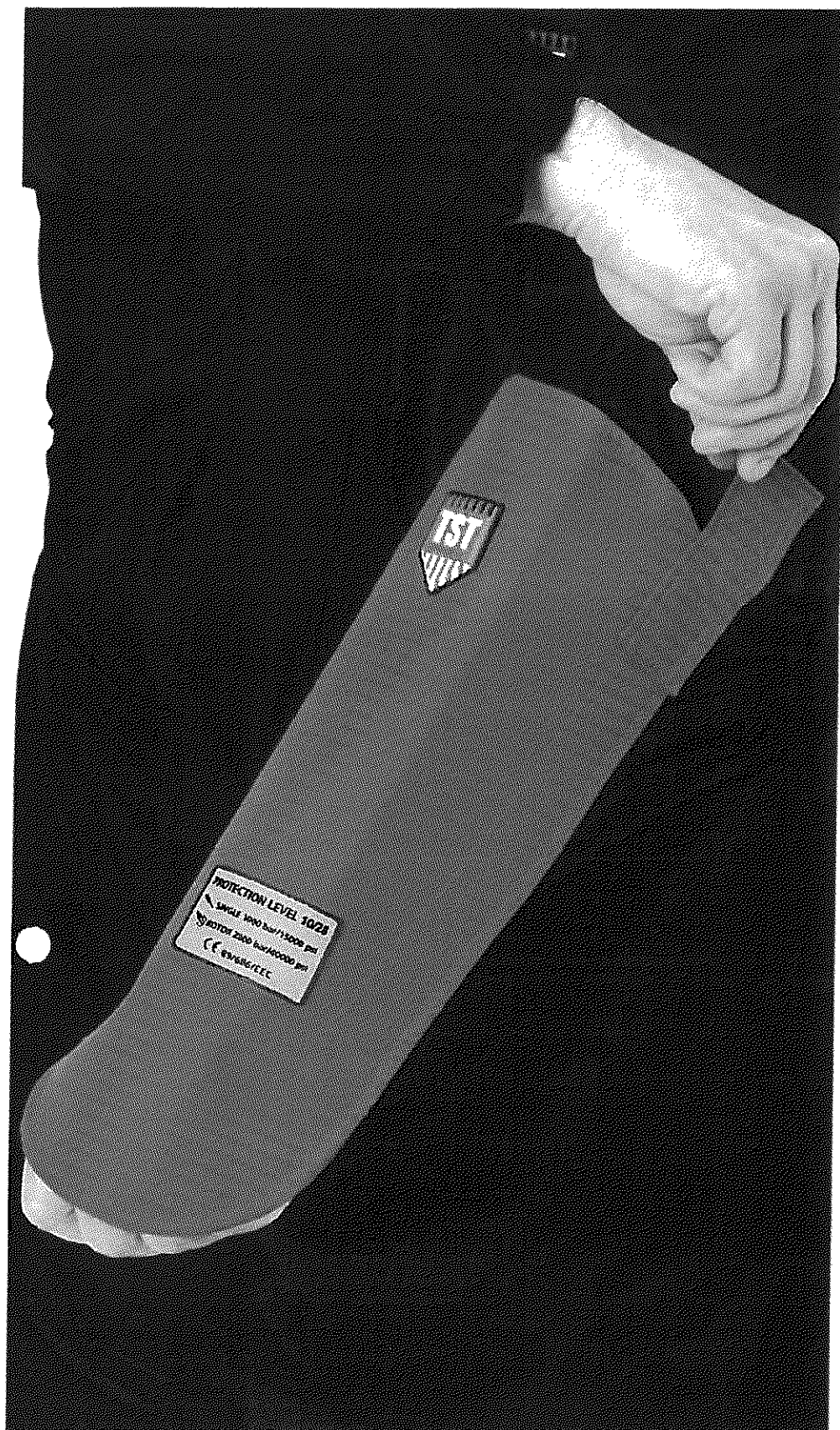
Foldable front which fastens with press studs. Makes it easier to work in stairs or on ladders!



Single/Rotor*	Size	Art. No.	Model No.
10/28	One size	5123047	5000
20/30	One size	5123068	5000

*Protection level – see test results on page 32





HAND PROTECTION

The Hand Protection protects the hand and the forearm. The entire area is protected.

Easy to put on and a thumb strap keeps it in place. A wide velcro makes it easy to adjust for different arms and clothing. Often used in combination with Waistcoat or Apron. (Hand Protection is integrated in the Overall and the Jacket.) Specific right and left hand designs. Weight 0.3 kg / 0.6 lbs. (Hand Protection 20/30).

One size.



Protected areas striped



Front 5001



Back 5001

Single/Rotor*	L/R	Art. No.	Model No.
10/28	Left	5100047	5001
10/28	Right	5100047	5002
20/30	Left	5100068	5001
20/30	Right	5100068	5002

*Protection level - see EN1081:EC

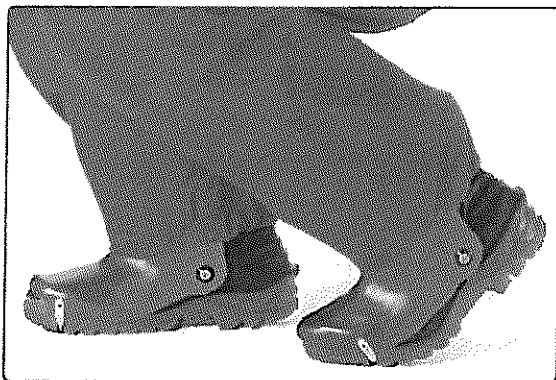
BOOTS 3000

Boots 3000 withstands "everything" within waterjetting on account of its fixed aluminium gaiters. The gaiters are moulded and jointed, which gives both excellent comfort and mobility. The Boots conform to the requirements set out in BGR 191 and EN 345-1 99A5 S5. Weight 1.9 kg / 4.2 lbs. each (Boot 3000 size 9).

Size Eur 42-48 / US 8.5, 9, 10, 11, 12, 13.5

Level*	Size	Art. No.	Model No.
30/30	8.5-13.5	5052080	5000

*Protection level – see test results on last page.



Pressure bar (psi)	Flow l/min (gpm)	Nozzle Size mm (in.)	Distance mm (in.)	Linear Speed m/s (in./sec)	Thrust N (lbs)
1700 (25000)	20.0 (5.3)	Single 1.0 (.039)	75 (3)	0.2 (7.9)	250 (56)
2500 (36000)	19.0 (5.0)	Monro Jet 0.8 (.031)	75 (3)	0.2 (7.9)	227 (51)
3000 (43500)	19.0 (5.0)	Rotary 3x0.5 (.020)	75 (3)	0.2 (7.9)	243 (55)
3000 (43500)	16.2 (4.3)	Single 0.8 (.031)	75 (3)	0.2 (7.9)	207 (47)

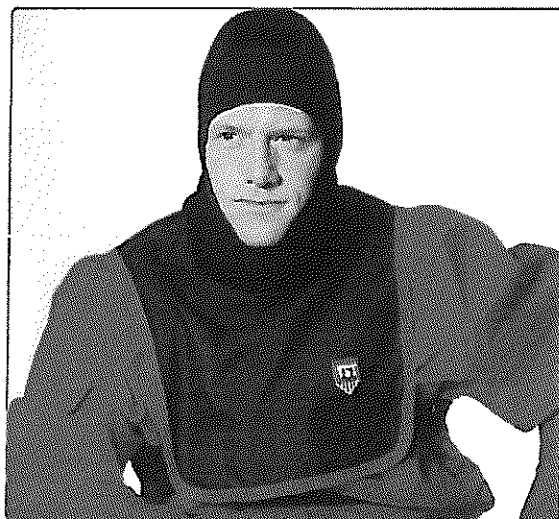
Tested and certified according to BGR 191

BALACLAVA

The balaclava, which is made of neoprene, is designed to keep the body dry. The breast lap is made of Cordura fitted with adjustable straps to hold it in place. **The Balaclava offers no protection against waterjetting.** Can ideally be used together with the Overall.

One size.

Art. No. 5010000 5000



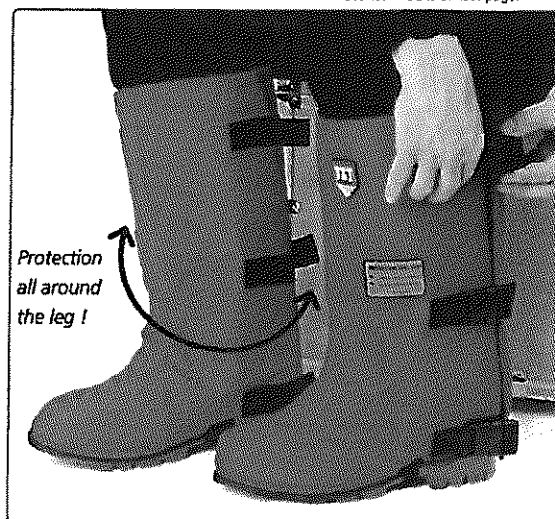
GAITERS

The Gaiters are to be worn outside of the user's regular protective boots. The entire area round the leg and the foot is protected. Three clips and velcro in the rear, and an easily adjustable strap under the sole, ensure that the Gaiters stay in place. Very comfortable and light to wear. Sold in pairs. Weight 1.0 kg/2.2 lbs.

One size.

Single/Rotor*	Size	Art. No.	Model No.
20/30	One size	5158068	5000

*Protection level – see test results on last page.



The ideal complement for good protection



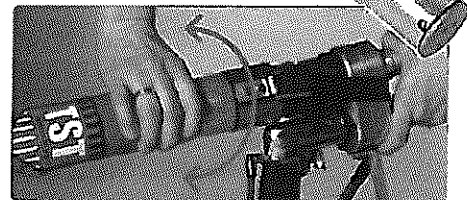
HOSE PROTECTION/SHROUD

Hoses break and couplings break, often very close to the operator and at sensitive areas of the body, such as the abdomen, the arm pit or the neck. These areas are difficult to protect properly. To further improve the safety of the operator, it is recommended to use a Hose Protection/Shroud. The Hose Protection is placed on the hose at the connection to the pistol. Closest to the pistol, where the hose is most likely to break, there is a 250 mm / 9.8 in. solid steel collar. This provides effective protection for the operator as it has been tested for 3000 bar / 43500 psi. An adjustable strap holds the Hose Protection/Shroud to the pistol. The Hose Protection/Shroud is smooth and flexible.

Available in 3 lengths: 750, 1400, 1800 mm / 2.5, 4.6, 5.9 ft.,

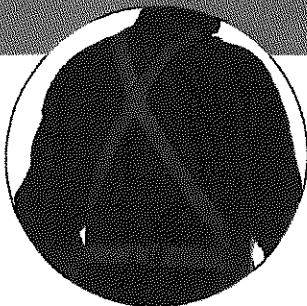
and 3 diameters: 36, 47 (swivel) and 59 mm / 1.42, 1.85 (swivel) and 2.32 in.

Weight 2.3 kg / 5.1 lbs. (Hose Protection diameter 59 mm, length 1400 mm / 2.32 in., length 4.6 ft.).

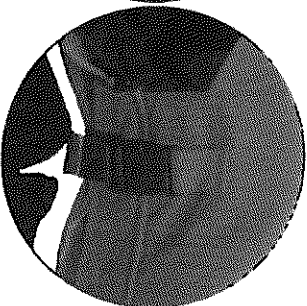


Hose Protection diameter 47mm / 1.85 in. (swivel)

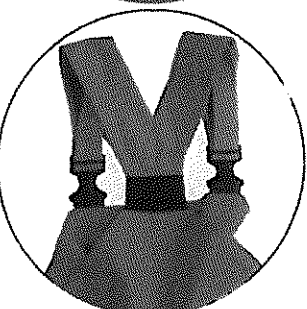
Hose Protection	Length	Art. No.	Mod. No.
Ø 36 mm / 1.42 in.	750 mm/2.5 ft.	5060040	5920
Ø 36 mm / 1.42 in.	1400 mm/4.6 ft.	5060040	5940
Ø 36 mm / 1.42 in.	1800 mm/5.9 ft.	5060040	5960
Ø 47 mm/1.85 in. sw	1400 mm/4.6 ft.	5060050	5942
Ø 59 mm / 2.32 in.	750 mm/2.5 ft.	5060060	5920
Ø 59 mm / 2.32 in.	1400 mm/4.6 ft.	5060060	5940
Ø 59 mm / 2.32 in.	1800 mm/5.9 ft.	5060060	5960



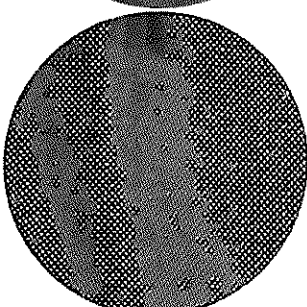
*Adjustable
shoulderband
– optimal placing
and comfort!*



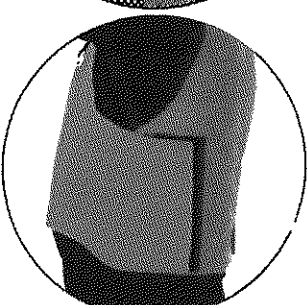
*Waist adjustment
for perfect fit.*



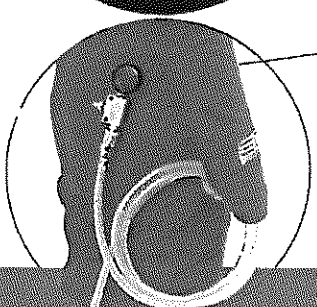
*Comfort details
in the back.*



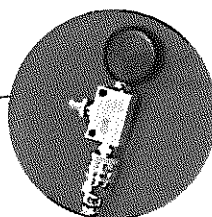
*Mesh inner lining
– comfortable for
the operator and
excellent drying.*



*A higher cut in
the front makes
it easier to bend
forwards.*



*Ventilation in
Trousers and
Overalls
– comfort option
for warm environ-
ments.*



*Connection and
flow regulator*

COMFORT IS IMPORTANT

Our aim is to always be able to offer products that provide effective protection while maintaining a high level of comfort. Ventilation in trousers and overalls are examples of how comfort can be improved.

Design is another important aspect.

Our large range of products gives the user the chance to choose the ideal model appropriate for the work in question.

Two different levels of protection also give the possibility to find an optimal solution.

TST SPECIAL GREASE REMOVER

Mix the TST Grease Remover 1:10 with warm water 40°C/105°F. Apply to the dirty garment surfaces with a brush. Leave for about 20 minutes. If the garments are extremely dirty, use the brush together with lukewarm water on the dirty areas. Rinse with lukewarm water. Let the garment dry in a drying room and reach a temperature of max 60°C/140°F (to reactivate the water and grease protection).

DO NOT TUMBLE DRY.

- Nonionic surfactants >30%
- Solubilising agents (alkane diol)
- Greying inhibitors <5%
- PH 7.3
- Avoid contact with skin and eyes
- Product temperature of less than 15°C/60°F may impair proper function
- Do not store below 15°C/60°F

Size 0.5 litre.

Art. No. 5092000 5010



Protection up to 3000 bar/43500 psi

TECHNICAL DESCRIPTION

Outer material: Laminated Polyamide. Inner material: Polyester mesh. Protective material: Special fabric containing Dyneema® fiber. Seams: Taped. Washing instructions: TST Special Grease Remover. CE-marking: Approved according to the directive 89/686/EEC and BGR 191.



Dyneema® is a registered trademark of Royal DSM N.V.

TEST RESULTS FOR CLOTHING

The different levels of protection have been determined by testing according to the table below.

Note! Different values (pressure, water flow, nozzle, distance, speed) can give significantly different results!

Protection level	Pressure bar (psi)	Flow l/min (gpm)	Nozzles		RPM	Distance mm (in.)	Linear Speed m/s (in./sec)	Result
			n	Dia. mm (in.)				
10/28	1000 (15000)	19.8 (5.2)	1	1.0 (.039)	—	75 (3)	0.5 (20)	No penetration
10/28	2800 (40000)	18.8 (5.0)	2	0.6 (.024)	3000	75 (3)	0.5 (20)	No penetration
20/30	2000 (30000)	17.9 (4.7)	1	0.8 (.031)	—	75 (3)	0.5 (20)	No penetration
20/30	3000 (43500)	19.5 (5.2)	2	0.6 (.024)	3000	75 (3)	0.5 (20)	No penetration

Sizes (men's)		
Trousers and Jacket	Height cm (ft. in.)	Chest cm (in.)
S/M	<186 (<6'1")	85-100 (33"-39")
L/XL	187-192 (6'2"-6'4")	108-116 (43"-46")
2XL/3XL	193-206 (6'4"-6'9")	124-132 (49"-52")
Waistcoat		
M-2XL	176-196 (5'10"-6'5")	85-124 (33"-49")
3XL	196-206 (6'5"-6'9")	124-132 (49"-52")
Overall		
S	<175 (<5'9")	92 (36")
M	176-180 (5'9"-5'11")	100 (39")
L	181-186 (5'11"-6'1")	108 (43")
XL	187-192 (6'2"-6'4")	116 (46")
2XL	193-200 (6'4"-6'7")	124 (49")
3XL	201-206 (6'7"-6'9")	132 (52")

Conversion table for shoe sizes		
EUR	US	UK
36	4 1/2	4
37	5	4 1/2
38	6	5 1/2
39	6 1/2	6
40	7 1/2	6 1/2
41	8	7 1/2
42	9	8
43	9 1/2	9
44	10 1/2	10
45	11 1/2	11
46	12	11 1/2
47	13	12 1/2
48	13 1/2	13 1/2

Certified according to ISO 9001:2008 and ISO 14001:2004



UNIQUE PROTECTION EQUIPMENT

