



Please read these instructions carefully before using this safety clothing. You should also consult your safety officer or immediate superior with regard to suitable garments for your specific work situation. Store these instructions carefully so that you can consult them at any time.

Refer to the product label for detailed information on the corresponding standards. Only standards and icons that appear on both the product and the user information below are applicable. All these products comply with the requirements of Regulation (EU 2016/425).



### ISO 13688:2013 Protective Clothing (See label)

General Requirements This European Standard specifies general requirements for ergonomics, ageing, staining, marking of protective clothing and for information supplied by the manufacturer.

- A= Recommended height range of wearer
- B= Recommended chest girth of wearer
- C= Recommended waist girth of wearer
- D= Recommended inside leg measurement of wearer

### EN ISO 14116:2015

#### Protective Clothing - Protection against flame - Limited flame Spread materials, material assemblies and clothing.

This International Standard specifies the performance requirements for the limited flame spread properties of materials, material assemblies and protective clothing in order to reduce the possibility of the clothing burning and thereby itself constituting a hazard. Additional requirements for clothing are also specified. Protective clothing complying with this International Standard is intended to protect workers against occasional and brief contact with small igniting flames, in circumstances where there is no significant heat hazard and without the presence of another type of heat. When protection against heat hazards is necessary in addition to protection against limited-spread flame materials, then standards, such as EN ISO 11612, are more appropriate.

**Index 1:** Flame does not spread, no flaming debris, no afterglow, a hole may be formed. (lowest level of protection)

**Index 2:** Flame does not spread, no flaming debris, no afterglow, no hole formation.

**Index 3:** Flame does not spread, no flaming debris, no afterglow, no hole formation, the afterflame times of each individual specimen is less than 2 seconds. (highest level of protection)

**Warning:** Index 1 Materials should be worn not worn next to the skin, and Index 1 garments should be worn over garments meeting at minimum Index 2 of EN ISO 14116 or compliant with EN ISO 11611 or EN ISO 11612, EN ISO 15614.



### EN 1149 Protective Clothing with Electrostatic Properties

This Standard specifies electrostatic requirements for electrostatic dissipative protective clothing to avoid incendy discharges. This Standard is not applicable for protection against mains voltages.

Garments must be fully fastened when worn  
EN 1149-1: 2006 - Test method for surface conducting fabrics.  
EN 1149-3: 2004 - Charge decay test method for all fabrics.  
EN 1149-5: 2018 - Performance requirements for fabrics and garments

**EN 1149-5**  
The person wearing the electrostatic dissipative protective clothing shall be properly earthed. The resistance between the person and the earth shall be less than 10<sup>9</sup>Ω, e.g. by wearing adequate footwears.  
Electrostatic dissipative protective clothing shall not be open or removed whilst in presence of flammable explosive atmospheres or while handling flammable or explosive substances

#### Wash Care Labels: Refer to garment label for corresponding washing details.

- Max temp 30°C, mild process
- Max temp 40°C, mild process
- Max temp 40°C, normal process
- Max temp 60°C, normal process
- Do Not Bleach
- Do not tumble dry
- Tumble dry low
- Tumble dry normal

- Line dry
- Drip line dry
- Do not iron
- Iron max 110°C
- Iron max 150°C
- Professional dry clean
- MAX 50x Washes
- MAX 25x Washes
- MAX 12x Washes
- MAX 5x Washes

Electrostatic dissipative protective clothing shall not be used in oxygen enriched atmospheres without prior approval of the responsible safety engineer.

The electrostatic dissipative performance of the electrostatic dissipative protective clothing can be affected by wear and tear, laundering and possible contamination.

Electrostatic dissipative protective clothing shall permanently cover all non-electrostatic materials during normal use (including bending and movements). The clothing should not be altered or fitted with extra labels or logos.

EN 1149-5 - No metal object shall be fixed to the outside of the garment when working in an explosive environment

EN 1149-5 - The garment shall not be used in combination with other garments providing a lower safety level.

*\* Electrostatic dissipative clothing is intended to be worn in zones 1, 2, 20, 21 & 22 (see EN 60079-10-1 [7] and EN 60079-10-2 [8]) in which the minimum ignition energy of any explosive atmosphere is not less than 0.01mJ*

#### IMPORTANT RECOMMENDATIONS

- To put on and take off garments, always fully undo the fastening systems. The clothing should be worn firmly closed.
- Only wear garments of a suitable size. Products which are either too loose or too tight will restrict movement and will not provide the optimum level of protection. The size of these products are marked on them (always read the label).
- If the clothing has an attached hood this must be worn while the wearer is working.
- Trousers or bib-overalls must be worn in combination with a suitable top. Likewise jackets or trousers must be worn in combination with a suitable bottom. Wearer must ensure there is an adequate overlap between the jacket and trousers when arms are fully extended overhead and when wearer is bent over.
- If the clothing has knee pad pockets these must be provided with knee protectors that comply with EN14004: 2004, to prevent medical complications. The dimension of knee protectors must be 195 x 145 x 15mm (length x width x thickness). However, knee protection does not provide absolute protection. Knee patches added to the clothing serve to enhance comfort and act as reinforcing (of the clothing). They do not protect the wearer against developing possible medical complications.
- The manufacturer cannot be held liable in case of improper or incorrect use.
- The insulating effect of the protective clothing will be reduced by wetness, humidity or sweat.
- Dirty clothing may lead to a reduction in protection, should at any time this garment become irreversibly soiled or contaminated, replace the item with a new one.
- Damaged garments should not be repaired - instead replace with a new garment.
- Discarded garments should be disposed of in accordance with local waste disposal rules.
- To reduce the risk of contamination do not wash in a domestic environment.

#### Available Size & Selection:

Fit according to correct chest and waist size, refer to size chart. These garments have been built in allowance for comfort and to allow the garment to be worn over medium bulky clothing. To obtain overall protection, the wearer may need to wear gloves (to EN 407 or EN 12477), Boots (to EN 20345) and or Safety helmet (to EN 397).

#### Storage:

DO NOT store in places subject to direct or strong sunlight. Store in clean, dry conditions.

#### After-care:

The manufacturer will not accept liability for garments where care labels have been ignored, defaced or removed.

#### File Content Label:

Refer to garment label for corresponding content details.

#### Warning:

- Where there is a hood, peripheral vision and hearing may be impaired.
- Retrospective tape and labels:**  
Retrospective tape or labels should not be ironed! Please refer to the garment label for the number and wash cycles claimed. The stated maximum number of cleaning cycles is not the only factor related to the lifetime of the garment. The lifetime will also depend on usage, care storage, etc. Garments should be discarded when the protective qualities no longer apply eg.  
1. Maximum number of washes is reached.
- 2. The material has been damaged either by fading or has been torn.
- 3. The reflective qualities of the tape, have faded.
- 4. Garment is permanently soiled, cracked, burned or heavily abraded.



Industrial Laundered garments have assessed FR suitability to industrial washing in accordance with EN ISO 15797.

Tunnel Drying  
Wash Procedure 1-8

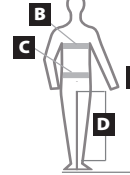
### REF: 11705P



**CERTIFICATION**  
EN ISO 14116  
EN 1149

www.portwest.com/declarations

	A		D	
	CM	CM	CM	CM
SHORT	152-164	74		
REG	164-176	79		
TALL	176-188	84		
X TALL	188-202	92		



	B	INCHES	CM	EURO
XS	32"-34"	80-88	40-44	
S	36"-38"	92-96	46-48	
M	40"-41"	100-104	50-52	
L	42"-44"	108-112	54-56	
XL	46"-48"	116-124	58-62	
XXL	50"-52"	128-132	64-66	
3XL	54"-55"	136-140	68-70	
4XL	56"-58"	144-148	72-74	
5XL	60"-64"	152-160	76-80	

	C	INCHES	CM	DE	FR
XS	26-28	68-72	42-44	34-36	
S	30-32	76-80	46-48	38-40	
M	33-34	84-88	50	42-44	
L	36-38	92-96	52-54	46-48	
XL	40-41	100-104	56	50-52	
XXL	42-44	108-112	58-60	54-56	
3XL	46-47	116-120	62	58-60	
4XL	48-50	124-128	64-68	62-64	

## MANUFACTURER

PROFHEISI, PROIZVODITELI, PROIZVOĐAČI, VÝROBCE, TOČIA, VALMISTAJA, FABRICANT, HERSTELLER, ΚΑΤΑΣΚΕΥΑΣΤΗΣ, GYÁRTÓ, FABBRICANTE, RAŽAJOŠI, GAMINTOJIA, PROIZVODITELI, PRODUSENT, PRODUCEUR, FABRICANTE, PRODUCATOR, PROIZVODITELI, PROIZVOČAČI, VÝROBČA, PROIZVIAČELI, TILLYVERKERE, ÜRETICSI, ВИРОБНИК  
PORTWEST, WESTPORT, CO. MAYO, IRELAND

## TEST HOUSE

AGJENSJA E TESTIMIT, ЛАБОРАТОРИЈА ЗА ИЗПИТИВАЊЕ, ISPITNA KUĆA, ZKUŠENÍ DŮM, TESTHUS, TEST MAJA, TESTAJA, ORGANISME TESTIFIE, TESTIERHUS, DOMM AKRIMENT, TESTHUS, LABORATORIO, TESTA VIETA, TESTANJE IŠTARIGA, TEST KUKA, TESTORGAN, LABORATORIUM BADAJUĆE, CASA DE TESTE, ИСПЫТАТЕЛЬНЫЙ ЦЕНТР, ISPITNA KUĆA, CERTIFIKACIJSKI ORGAN, TESTNA HISA, LABORATORIO DE ENSAYOS, TESTHUS, TEST KURULUSU, ВИПРОБОВАЛЬНИЙ ЦЕНТР

### INTERTEK

The Warehouse, Brewery Lane, Leigh, WN7 2RJ UK

**Notified body number: 0362**

### SATRA

Wyndham Way, Telford Way, Kettering, Northamptonshire, NN16 8SD, United Kingdom

**Notified body number: 0321**

Bracetown Business Park, Clonoe, Dublin 15, D15 YN2P Ireland  
**Notified Body: 2777**

### CENTEXBEL

Technologiepark 7, B-9052, Zwijnaarde, Belgium

**Notified body number: 0493**

### BTGG

BTGG Fire Technology Services, Unit 4B, Stag Industrial Estate, Atlantic Street, Broadheath, Aitricham, WA14 5DW, England

**Notified body number: 0339**

### SGS

SGS United Kingdom Ltd., Weston Super Mare, BS22 6WA, England

**Notified body number: 0120**

### CENTRO

Centro Tessile Contoniere e Abbigliamento S.p.A., 1-Piazza S Anna, 2-21052 Busto Arsizio (VA)

**Notified body number: 0624**

### AITEC

Plaza Emilio Sala, 1  
03801 ALCOY (Alicante) SPAIN

**Notified body number: 0161**

### OTT

Institut für Ökologie, Technik und Innovation GmbH  
Spengefasse 200, 1050 Vienna, Austria

**Notified body number: 0534**

The ATEX Directive defines what equipment is permitted in an environment where an explosive atmosphere may exist. Portwest recommends using garments certified to EN 1149 for added protection in an ATEX environment. This garment has not been assessed under the ATEX directive which currently excludes PPE



REF: USP



**EN ISO 20471  
RIS-3279  
EN 343  
CERTIFIED**

## EN CE

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**ISO 13688-2013 Protective Clothing (See label)**  
General Requirements: These European standards specify general requirements for ergonomics, aging, sizing, marking of protective clothing and gear for information supplied by the manufacturer.

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**EN 343:2019  
Protection Against Rain (see label)**  
**X** Resistance to water penetration 4 levels  
**Y** Resistance to water vapour penetration 4 levels  
**R** Readymade garment rain tower, test optional or not suitable.

'R' symbol may be replaced by an 'X' symbol if test not carried out or not suitable.

X	Class 1	Minimum level	Y	Class 1	Minimum level
	Class 2			Class 2	
	Class 3			Class 3	
	Class 4	Highest level		Class 4	Highest level

Garments with removable sleeves only offer full protection when the sleeves are attached to the body of the garment.  
Recommended maximum continuous wearing time for a complete suit consisting of jacket and trousers without a thermal lining.

EN 343:2019 Temp	Temp	Duration of Wearing (in minutes)			
		Class 1	Class 2	Class 3	Class 4
Temperature environment	25°C	60	150	180	—
	20°C	75	250	—	—
	15°C	100	—	—	—
	10°C	240	—	—	—
	5°C	—	—	—	—

\* — Means no limit for wearing time

Water Vapour Resistance is effective for coated fabrics or laminates in different ambient temperatures

### Available Size & Selection:

Fit according to correct chest and waist size, refer to size chart. These garments have been built in allowance for comfort and to allow the garment to be worn over medium bulky clothing.

### Storage:

DO NOT store in places subject to direct or strong sunlight. Store in clean, dry conditions. Please ensure hood is fully dry before packing/storing away.

**After-care:** The manufacturer will not accept liability for garments where care labels have been ignored, defaced or removed.

### Fibre Content Labels:

Refer to garment label for corresponding content details.

### Warning:

Where there is a hood, peripheral vision and hearing may be impaired.

### Retrospective tape and labels:

Retrospective tape or labels should not be ironed! Please refer to the garment label for the number and wash cycles cleared. The stated maximum number of cleaning cycles is not the only factor related to the lifetime of the garment. The lifetime will also depend on usage, care storage, etc. Garments should be discarded when the protective qualities no longer apply, e.g. 1. Maximum number of washes is reached. 2. The material has been damaged either by fading or has been torn. 3. The reflective qualities of the tape have faded. 4. Garment is permanently soiled, cracked, burned or heavily abraded.

	A D	
	CM	CM
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## MANUFACTURER

PRODHUES, PROIZHODITEL, PROIZHODAK, UROVNE, TOUTAT, MALMATSLA, FABRICANT, HERSTELLER, КАЗАКЖАЯТЧИ, GIARTO, FABBRICANTE, RAZVOJNA, GAMNITOVAS, PROIZHODITEL, PROIZHODEN, PROIZHODITEL, FABRIKANTE, PROIZHODITEL, PROIZHODITEL, PROIZHODEN, UROVNA, PROIZVADILAC, TILVERKER, ÜRETICI, ВИРОСНИК

PORTWEST, WESTPORT, CO MAYO, IRELAND

## TEST HOUSE

AGJENSIJA E TESTIMIT, ЛАБОРАТОРИЈА ЗА ИСПИТУВАЊЕ, ИСПИТНА КУЌА, ЗКУШЊЕНИ ДОМ, TESTIHUIS, TEST MAJA, TESTAALJA, ORGANISME NOTIFIE, TESTIERHAUS, ДОМ НА ДОКТОМ, TEST HOUSE, ЛАБОРАТОРИЈА, TESTA VIETA, TESTHUS STANGGA, ТЕСТ КУЌА, ТЕСТОРГАН, ЛАБОРАТОРИУМ БАДАЈАЌЕ, CASA DE TESTE, ИСПИТАТЕЛНИЙ ЦЕНТРИ, ИСПИТНА КУЌА, СЕРТИФИКАЦИОН ОРГАН, TESTINA HIŠA, LABORATORIO DE ENSAYOS, TESTHUIS, TEST KURULUSU, ВИПРОБУВАННИЙ ЦЕНТР

**INTERTEK** The Warehouse, Brewery Lane, Leigh, WN7 2RJ UK

**SATRA**  
Wyndham Way, Telford Way, Kettering, Northamptonshire, NN16 8SD, United Kingdom **Notified body number: 0321**  
Bracetown Business Park, Clonee, Dublin 15, D15 YN2P Ireland  
**Notified Body: 2777**

**VARTEST**  
Vartest Laboratories, Inc., 19 West 36th Street, 10th Floor New York, NY 10018, ISO/IEC 17025 Testing Certificate No. through A2LA is 2180.01

**AITEK**  
Plaza Emilio Sala 1, 03801 Alcoy, Alicante, Spain  
**Notified body number: 0161**

**OTI**  
Institut für Ökologie, Technik und Innovation GmbH, Spengergasse 20 1050 Vienna, Austria **Notified body number: 0534**



**RIS-3279-TOM Issue 1 (2016) :  
Railway Industry Standard  
RIS-3279-TOM Issue 1 has replaced GO/R/T 3279  
Railway Industry Standards (RIS) are mandatory on all members of the Railway Group and apply to all relevant activities.**

### Limitations of use :

EN ISO 20471:2013 + A1-2016, RIS 3279 & ANSI/ISEA 107-2015: Always wear the garment fastened. Keep clean: Should the High Visibility properties of this garment become irreversibly soiled or contaminated, replace with a new one. This garment is suitable for wear during an entire working day and contains no toxic substances that can affect health adversely in any other way. No allergic reactions due to skin contact with this garment are known. Do not attempt to repair damaged garments. All garments should be discarded safely. The clothing should not be altered or fitted with extra labels or logos. The clothing should only be worn in situations for which it is intended.

**Limitations of Use (RIS 3279):** Class 1 trousers claiming RIS 3279 Compliance are required to be worn with a RIS 3279 upper body garment.

### Wash Care Labels:

	Max temp 30°C, mild process		Line dry	MAX 50	Maximum 50 Washes
	Max temp 40°C, mild process		Drip line dry	MAX 25	Maximum 25 Washes
	Max temp 40°C, normal process		Do not iron	MAX 12	Maximum 12 Washes
	Max temp 60°C, normal process		Iron max 110°C	MAX 5	Maximum 5 Washes
	Do Not Bleach		Iron max 150°C	MAX 12	Maximum 12 Washes
	Do not tumble dry		Do not dry clean	MAX 5	Maximum 5 Washes
	Tumble dry low		Professional dry clean		
	Tumble dry normal				