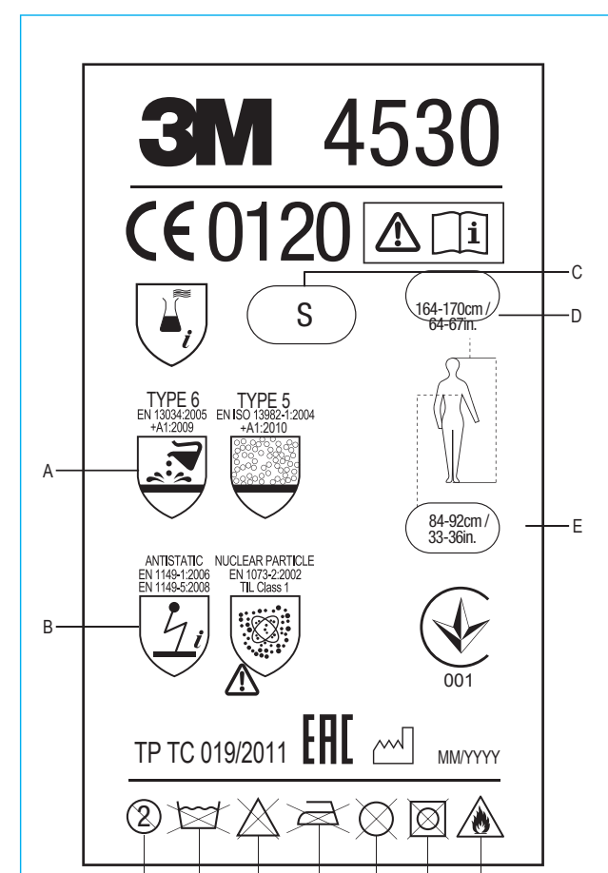

Figure 1./Schéma 1./Abbildung 1./Figura 1./Figura 1./Afbeelding 1./Figur 1./Figur 1./Figur 1./Kuva 1./Figura 1./Εικόνα 1./Rys. 1./1. ábra./Číslo 1./Obrázok 1./Slika 1./איור 1./Joonis 1./1. attēls/1 pav./Figura 1./Рис. 1./Малюнок 1./Slika 1./Фигура 1./Crtež 1./Şekil 1./Бейнесі 1./الشكل 1./Figure 1.

¹Size	²Height		³Chest	
S	64-67in	164 -170cm	33-36in	84 - 92cm
M	66-69in	167 - 176cm	36-39in	92 - 100cm
L	69-71in	174 - 181cm	39-43in	100 - 108cm
XL	70-74in	179 - 187cm	43-45in	108 - 115cm
2XL	73-76in	186 - 194cm	45-49in	115 - 124cm
3XL	76-78in	194 - 200cm	49-52in	124 - 132cm
4XL	78-81in	200 - 206cm	52-55in	132 - 140cm

1 Size /Taille /Größe /Dimensioni /Talla /Maat /Storlek /Størrelse /Størrelse /Koko /Tamanho /Μέγεθος /Rozmiar /Méret: /Velikost /Veľkosť /Velikost /הדימ /Suurus /Izmērs /Dydis /Dimensiune /Размер /Розмір /Veličina /Размер /Veličina /Beden /Мөлшері /سإقمل /Size
2 Height /Hauteur /Körpergröße /Altezza /Altura /Lengte /Längd /Højde /Høyde /Pituus /Altura /Ύψος /Wzrost /Magasság /Výška /Výška /Višina /הבוג /Pikkus /Garums /ūgis /Inaltime /Рост /Висота /Visina /Височина /Visina /Boy /Биіктігі /عافترإل /Height
3 Chest /Tour de poitrine /Brustumfang /Circonferenza toracica /Pecho /Borstomtrek /Bröstvidd /Brystmål /Brystmål /Rinnanympärys /Peito /Στήθος /Obwód klatki piersiowej /Mellbőség /Hrudník /Obvod hrudníka /Prsi /הדימ /Rinnaümbermõõt /Krūšu apkārtmērs /Krūtinės apimtis /Piept /Обьем груди /Пакування /Prsa /Гръдна обиколка /Obim grudi /Göğüs /Кеуде көлемі /ردصلا /Chest

GB IE ZA AU NZ

These products meet the requirements of the following Protective Clothing standards:
EN 340:2003; EN 13034:2005 + A1:2009 (Type 6)
EN ISO 13982-1:2004 + A1:2010 (Type 5);
EN 1073-2:2002 (Class 1); ⚠ except EN 863 puncture resistance
EN 1149-5:2008 (tested to EN 1149-1:2006)
They should be used to help protect the wearer against solid airborne particulates and certain limited liquid splashes only. Material has been tested to ISO 15025:2000 and complies with ISO 14116:2008 requirements for limited flame spread Index 1.

WARNINGS AND LIMITATIONS

⚠ **Particular attention should be given to warning statements where indicated.**

⚠WARNING

- Always be sure that the complete product is:
  - Suitable for the application;
  - Fitted correctly;
  - Worn during all periods of exposure;
  - Replaced when necessary.
- Proper selection, training, use and appropriate maintenance are essential in order for the product to help protect the wearer.
- **Failure to follow all instructions on the use of these personal protection products and/or failure to properly wear the complete product during all periods of exposure may adversely affect the wearer's health, lead to severe or life threatening illness or permanent disability.**
- For suitability and proper use follow local regulations and refer to all information supplied or contact a safety professional or 3M
- Before use, the wearer must be trained in use of the complete product in accordance with applicable Health and Safety standards/guidance.
- Never alter, modify or repair this device.
- Check product is undamaged before use.
- Discard and replace the garment if it becomes damaged, heavily contaminated or in accordance with local work practice or regulations.
- These products do not contain components made from natural rubber latex.
- The garment may not be suitable for protection against chemicals not listed in the Technical Specification.
- Does not protect against radiation.
- Index 1 heat and flame protection only for use over Index 2/3 materials.
- Do not use next to skin.
- Cover cuffs with appropriate gloves.
- Cuffs, bindings, threads are not flame resistant.
- Before initial use, always check that the product is within the stated shelf life (use by date).

Garment should be fully fastened and cover underclothes.
For full protection: tape along length of storm flap; tape cuffs, ankles and hood to suitable, additional personal protective equipment.*
Regular rest periods and use of absorbent undergarments may reduce any heat stress caused by prolonged wearing.
For the anti-static properties to be effective the garment must be used with anti-static accessories and work practices. The user should be properly earthed, via skin contact or other means of earthing,so that the resistance is less than $10^8\Omega$. The anti-static performance can be affected by wear and tear, and possible contamination. Electrostatic dissipative protective clothing shall permanently cover all non-complying materials during normal use (including bending and movements). Electrostatic dissipative protective clothing shall not be open or removed whilst in presence of flammable or explosive atmospheres or while handling flammable or explosive substances

MARKING AND SIZING

See Figure 1.
A - Limited protective performance against liquid chemicals (Type 6);
Protective performance against solid airborne particulates (Type 5);
B - Electrostatic properties – Surface resistivity (both sides);
Protective performance against radioactive particulate contamination (Class 1);

C - Size	H - No chlorination
D - Height	I - Do not iron
E - Chest	J - Do not dry clean
F - Single use	K - Do not tumble dry
G - Do not wash	L - Flammable

STORAGE AND TRANSPORTATION

Store in accordance with manufacturer's instructions, see packaging.

End of Shelf Life	Date of Manufacture
Temperature Range	Name and address of Manufacturer
Maximum Relative Humidity	Packaging not suitable for food contact.

When transporting this product use original packaging.
Contaminated products should be removed with care and disposed of as hazardous waste in accordance with applicable regulations.

TECHNICAL SPECIFICATION

Tests are performed under laboratory conditions that may not reflect the reality of use and do not account for factors such as excessive heat and mechanical wear.*
Whole suit tests conducted on coveralls worn with gloves, boots and full face mask with taping at wrists, ankles, hood/mask interface, down length and across bottom of storm-flap.* Collared coveralls tested with 3M 446 hood.

PERFORMANCE DATA

Figure 2. TEST	STANDARD	Minimum Result (Class) *
Total inward leakage (whole suit test)	EN ISO 13982:2004	$L_{jmn,82/90} \leq 30\%$. $L_{S,8/10} \leq 15\%$
Reduced spray test (whole suit)	EN ISO 17491-4:2008	Pass
Abrasion resistance (visual assessment)	EN 530:1994	1
Flex cracking (visual assessment)	ISO 7854:1995	5
Tear resistance	EN ISO 9073-4:1997	1
Tensile strength	EN ISO 13934-1:1999	1
Puncture resistance	EN 863:1995	1
Resistance to ignition	EN 13274-4:2001	Pass
Seam Strength	EN ISO 13935-2:1999	2
Repellency to liquids - 30% H_2SO_4	EN ISO 6530:2005	3
Liquid penetration resistance - 30% H_2SO_4	EN ISO 6530:2005	3
Repellency to liquids - 10% NaOH	EN ISO 6530:2005	3
Liquid penetration resistance - 10% NaOH	EN ISO 6530:2005	3

APPROVALS

These products meet the requirements of the European Community Directive 89/686/EEC (Personal Protective Equipment Directive) and are thus CE marked. Certification under Article 10, EC Type-Examination, has been issued for these products by BTTG Testing & Certification Ltd., Unit 14 Wheel Forge Way, Trafford Park, Manchester, M17 1EH, UK (Notified Body number 0338). Certification under Article 11, EC quality control, has been issued by SGS United Kingdom Ltd. (Notified Body number 0120).
* Contact 3M for additional information.

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GB IE ZA AU NZ
3M™ Limited Use Protective Clothing
FR CH BE
Vêtements à usage limité 3M™
DE CH AT
3M™Einwegschutzanzug
IT CH
3M™ Indumento di protezione monuso
ES
3M™ Trajes de Protección de Uso Limitado
NL BE
3M™ Beperkt gebruik beschermende kleding
SE
3M™ korttidskläder
DK
3M™Beskyttelsesdragter
NO
3M™ Vernedress
FI
3M™ Suojavaate
PT
3M™
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בגד מגן 3M™
EE
3M™Piiratud kasutusega kaitseriietus
LV
3M™Aizsargtērps
LT
3M™ Riboto naudojimo laiko apsauginiai drabužiai
RO
Echipament de protectie a corpului cu utilizare limitata 3M™
RU BY AZ
Одежда специальная защитная 3M™
UA
3M™Захисний одяг обмеженого використання
HR
3M™Limitirana upotreba zaštitne krpice
BG
3M™ Защитни облекла за еднократна употреба
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3M™Zaštitna odeća sa ograničenom primenom
TR
3M™Sınırlı Kullanımlı Koruyucu Tulum
KZ
3M™Қорғаныс киімнің шектеулі қолданысы
AE
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