



**ISO SC13 Protective Clothing
Report to Enprotex, Brussels
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UK Lead to ISO SC13, SC14 & CEN TC 162

International Standards: ISO

ISO TC/94 SC/13:

► Constitution:

- 27 Countries (P members)
- 17 Countries (O members)
- Next meeting SC/13 and Working Groups 13th to 18th March 2016 in Kanazawa, Japan

International Standards: ISO

ISO TC/94 SC/13:

- ▶ Working Group 1 “General Properties”
- ▶ Working Group 2 Test Methods on Exposure to Heat with/without Flame
- ▶ Working Group 3 Protective Clothing against Chemicals
- ▶ Working Group 5 Protective Clothing against Mechanical Action
- ▶ Working Group 6 Protective Clothing against Hazardous/Biological Agents
- ▶ Working Group 8 Standardisation for Protective Gloves
- ▶ JWG Permeation



International Standards: ISO

ISO TC/94 SC/13

SC/13 WG1:

- ▶ ISO/TR 11610:2004 Protective clothing – Vocabulary
- ▶ ISO 13688:2013 Protective clothing – General requirements
- ▶ ISO 20471:2013 High visibility clothing - Test methods and requirements
- ▶ prEN ISO 13506-1 Manikin Test
- ▶ ISO DIS 13506-2 Skin burn injury prediction -Calculation requirements and test cases"



International Standards: ISO

SC/13 WG2:

- ▶ prEN ISO 13506-1 Test method for complete garments - Prediction of absorbed energy using an instrumented manikin”
- ▶ ISO DIS 13506-2 Skin burn injuryBurn prediction Calculation requirements and test cases
- ▶ EN ISO 12127-1 - Determination of contact heat transmission through protective clothing orconstituent materials”
- ▶ prEN ISO 6942 – Protective Clothing, Protection against Heat and Flame and Fire, evaluation of material assemblies
- ▶ prEN ISO 9151 – Determination of Transmission on Exposure to Flame



ISO SC13 WG2

- ▶ prEN ISO 17492 Determination of heat transmission
on exposure to both flame and radiant heat
- ▶ prEN ISO 17493 Test method for convective heat resistance using a hot air circulating oven
- ▶ CD prEN ISO 15025 Protection against flame -
Method of test for limited flame Flame
- ▶ prEN ISO 14746 exposure to flame using a
cylindrical tester/specimen holder”



International Standards: ISO

SC14 WG3:

- ▶ CD 17491-2 Determination of resistance to inward leakage of aerosols and gases (inward leakage test)
- ▶ DAmD1 Determination of resistance to penetration by a spray of liquid (spray test)
- ▶ CD 13982-1 Protective Clothing for use against Solid particulates
- ▶ DIS 13994 Determination of the Resistance of Protective Clothing materials to penetration by Liquid under Pressure
- ▶ DIS 14787 Determination of Resistance to Penetration by Sprayed Liquid Chemicals, Emulsions and Dispersions, Atomizer Test



International Standards: ISO

ISO TC/94 SC/13 WG5

- CD 374-1 Terminology and Performance Requirements
- CD 374-5 Terminology Performance Requirements for Micro Organisms Risks
- PWI 20770 Protective gloves - General requirements and test method
Cross reference: EN 420



International Standards: ISO

ISO TC/94 SC/13 WG6:

- ▶ NP 18266 Performance requirements and test methods for protective clothing against infective agents
- ▶ WI Study 20384 Single use surgical drapes and gowns used as medical devices - Test methods, performance requirements and performance levels
- ▶ NP 22610 Surgical drapes, gowns and clean air suits, used as medical devices, for patients, clinical staff and equipment -- Test method to determine the resistance to wet bacterial penetration - (Revision of ISO 22610:2006)



ISO TC 94 SC13

SC13 WG8 Protective Gloves

- ▶ CD 374-1 "Protective gloves against chemicals and micro-organisms - Part 1: Terminology and performance requirements"
- ▶ CD 374-5 Protective gloves against chemicals and micro-organisms - Part 5: terminology and performance requirements for microorganisms risks"
- ▶ PW1 20770 (ED1) "Protective gloves - General requirements and test method"

Cross reference: EN 420