International Standard

ISO 11999-3

Second edition
2025-04

PPE for firefighters — Test methods and requirements for PPE used by firefighters who are at risk of exposure to high levels of heat and/or flame while fighting fires occurring in structures —

Part 3: Clothing

Équipement de protection individuelle pour pompiers — Méthodes d'essai et exigences pour les équipements de protection individuelle utilisés par les pompiers qui risquent d'être exposés à des niveaux élevés de chaleur et/ou de flamme lorsqu'ils combattent des incendies dans des structures —

Partie 3: Vêtements

Reference number
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Contents

Page

Foreword

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This document was prepared by Technical Committee ISO/TC 94, *Personal safety — Protective clothing and equipment, Subcommittee SC 14, Firefighters' personal equipment*.

This second edition cancels and replaces the first edition (ISO 11999-3:2015), which has been technically revised.

The main changes are as follows:

— the design requirement have been amended and added to (e.g. cowl, high visibility, inspection access, neck protection)

— all the heat and flame properties have been brought to amended single levels (see Table 1);

— all the mechanical properties have been brought to amended single levels (see Table 1), including adding abrasion requirement;

— all the chemical, particulate and liquid properties have been brought to amended single levels (see Table 1), including particulate testing;

— additional tests have been added or changed (including making optional) including but not limited to high visibility, molten metal, drag rescue device/lifeline; resistance evaporative transfer (RET), garment flame engulfment.

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