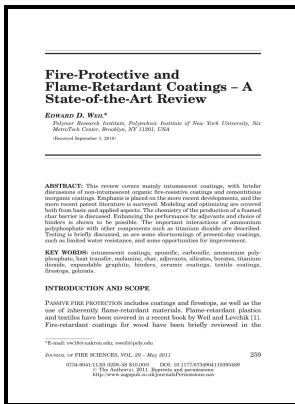


# Performance requirements of flameproof materials for clothing and other purposes.

B.S.I - BS EN ISO 11612:2015



Description: -

-Performance requirements of flameproof materials for clothing and other purposes.

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BS 3120:1959Performance requirements of flameproof materials for clothing and other purposes.

Notes: Incorporating amendment issued Oct 1969 (AMD 345).  
This edition was published in 1969



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**BS EN ISO 11612:2015**

The performance requirements set out in ISO 11612:2008 are applicable to garments which could be worn for a wide range of end uses, where there is a need for clothing with limited flame spread properties and where the user can be exposed to radiant or convective or contact heat or to molten metal splashes. Gowns, on the other hand, are relatively easier to put on and, in particular, to take off.

## What Is FR Clothing? Guide to FR Clothes

Ultimately, clothing selection is based on technical evaluation of available information and professional assessment of risk. Understanding proper use and disposal of protective gowns for healthcare workers.

## NFPA Standards for FR Clothing

Not all chemical classes are represented.

## Handbook of Fire Resistant Textiles

At the conclusion of the exposure period in the ASTM F1671 or ISO 16604 viral penetration tests, the opposing surface of the material is rinsed with an assay fluid, and this fluid is then cultured in the presence of the host bacterium, E. West Caldwell, NJ: Farrand Press. Currently, there is no scientific evidence to suggest the Ebola and other larger viruses would be more likely to penetrate through protective clothing than a smaller virus.

**BS EN ISO 11612:2015**

Some FR manufacturers design fits and styles specifically for women, while others do not.

## Regulations

Therefore, no correlation can be made between AATCC water resistance tests AATCC 42 and AATCC 127 and ASTM F1671 viral penetration tests, and consequently, protection provided by Levels 1, 2, 3 gowns and that of Level 4 gowns.

## **ISO**

National Fire Protection Association, 2013. Two of these standards, NFPA 2112 and NFPA 2113, are of special importance in guiding the design, manufacture and consumer selection of flame-resistant FR garments.

## **Regulations**

A directed and constrained electric arc in a test circuit is used to classify material and clothing in two defined arc protection classes. Factors that influence the effectiveness of surgical gowns in the operating theatre. This document provides information about protective clothing standard test methods and classification standards when the transmission of the microorganisms is through direct contact with blood or body fluids.

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