

IS 15768 : 2008 TEXTILES — RESISTANCE TO IGNITION OF UPHOLSTERY FABRICS USED FOR NON-DOMESTIC FURNITURE

Fire-resistant upholstery fabrics are essential for enhancing safety in public spaces, helping to prevent fires from spreading and reducing toxic smoke emissions. This protection is crucial in high-traffic areas like offices, hospitals, and educational institutions, where it helps safeguard lives and property. BIS has published IS 15768 : 2008 for Resistance to ignition of upholstery fabric which outlines the requirements for the resistance to ignition of upholstery fabrics used for non-domestic furniture to enhance safety in public spaces. It prescribes performance requirements for ignition resistance like the smouldering cigarette test, match flame equivalent test and crib tests for different hazard levels (low, moderate, high). The standard also prescribes important requirements like durability of flame-retardant property, toxicity index and visibility due to smoke released on combustion. Each fabric shall also carry a permanent label indicating nature and composition of the upholstery material, the word 'fire resistance' and 'for use in public places/building' along with other relevant information.