

IS 14561:2014 Fire Resisting (Insulating) Filing Cabinets — Specification

Fire-resistant filing cabinets are specialized **storage** units designed to protect important **documents** from **fire** damage. These cabinets are built with durable materials like mild or **galvanized steel** and **insulated** with fire-resistant layers. They can maintain a safe internal temperature even when exposed to **high heat**. These cabinets may be kept either in strong rooms/book rooms for added protection against theft and fire or may be kept in open halls.

They are particularly valuable in settings where sensitive **paper media** must be safeguarded from both fire and potential physical impact. They are available in different types, such as vertical and lateral models, and are rated for specific durations (e.g., 60, 120, 180, or 240 minutes) of **fire protection**. This rating indicates how long the cabinet can prevent **internal temperatures** from reaching levels that could harm **paper documents**, ensuring that valuable information remains legible and usable after exposure to a fire event.

The need for this Indian Standard IS **14561:2014** stems from the importance of protecting vital **records** in various settings, such as **offices, banks, and archives**, against **fire hazards**.

This standard specifies the **materials, sizes, details of construction and performance test** of fire resisting filing cabinets which insulates the paper media stored in files against fire. Various design requirements are specified to ensure **durability**, including using mild or galvanized steel with specific **thickness** requirements for both the outer body and drawers.

Key performance **tests** are also specified in the standard to validate fire resistance and to ensure their **performance, durability, and safety** in potential fire incidents.