



Safe Ratings

Fire Resistive Safes

Underwriter's Laboratories (UL) tests products and when they meet designated standards they are marked with a UL label. Fire resistive safes are categorized and labeled A thru E and the relative resistive features are as follows:

- A** Four Hours at temperatures up to 2000 degrees Fahrenheit
- B** Two Hours at temperatures up to 1850 degrees Fahrenheit
- C and D** One Hour at temperatures up to 1700 degrees Fahrenheit
- E** ½ Hour at temperatures up to 1550 degrees Fahrenheit

Paper is protected for specified time, maintaining inside temperatures below 350 degrees. D and E labels are not certified for protection from drop or impact. Fire resistive paper record safes are designed and engineered around a metal shell filled with fire resistive insulation. When subjected to intense heat, as during a fire, the locked-in moisture contained in the insulation is converted to steam much in the same fashion as steam is generated by boiling water. This type of safe is not recommended for protection of large sums of cash or valuables.

Burglary Resistive Safes

Burglar resistive safes are likewise tested by UL and labeled if they meet the standards of those test. This labeling denotes resistance to both power tools and oxyacetylene torch. UL labels three categories as follows:

- TRTL-30** Tested for 30 minutes for resistance to power tools and torch.
- TL-30** Tested for 30 minutes for resistance to power tools.
- TL-15** Tested for 15 minutes for resistance to power tools.

Separately from UL, the National Bureau of Casualty Underwriter's has established burglary insurance rates in the following categories, and affords a business establishment lower cost per thousand dollars insured for safes that bear a UL tested label. The following burglary rate prefix system should not be confused with the fire resistive labels.

- B** Requires a safe door to be at least ½ inch thick, equipped with a combination lock. The body must be at least ¼ inch thick steel.
- C** Requires a safe door to be at least 1 inch thick, equipped with a combination lock. The body must be ½ inch thick steel.
- E** Requires a door to be at least 1 ½ inches thick, equipped with a combination lock. The body must have walls 1 inch thick steel.
- ER** Requires a UL approved TL-15 label.
- F** Requires a UL approved TL-30 label.
- GH** Requires a UL approved TRTL-30 label