

1.1. General

1.1.13.13. Rolled paper Store

A rolled paper storage facility can be further subdivided in to four classes based on its weight to determine the sprinkler system design criteria.

1.1.13.13.1. Heavy weight Class

Heavyweight class shall include paperboard and paper stock having a basis weight per 92.9 m² of 9.1 kg.

1.1.13.13.2. Medium weight Class

Medium weight class shall include all the broad range of papers having a basis weight per 92.9 m² of 4.5 kg to 9.1 kg.

1.1.13.13.3. Lightweight class

Light weight class shall include all papers having a basis weight per 92.9 m² of 4.5 kg.

1.1.13.13.4. Tissue

Shall include the broad range of papers of characteristic gauzy texture, which, in some cases, are fairly transparent such as crepe wadding and the sanitary class including facial tissue, paper napkins, bathroom tissue, and toweling.

1.1.14. Combustible Liquid

A liquid that has a closed-cup flash point at or above 37.8°C (100°F).

1.1.15. Combustible Liquid Class II

Any liquid that has a flash point at or above 37.8°C (100°F) and below 60°C (140°F).

1.1.16. Combustible Liquid Class III A

Any liquid that has a flash point at or above 60°C (140°F), but below 93°C (200°F).

1.1.17. Combustible Liquid Class III B

Any liquid that has a flash point at or above 93°C (200°F).

1.1.18. Flammable Liquid

A liquid that has a closed-cup flash point that is below 37.8°C (100°F) and a maximum vapor pressure of 2068 mm Hg (40 psia) at 37.8°C (100°F).

1.1.19. Flammable Liquid Class I

Any liquid that has a closed-cup flash point below 37.8°C (100°F).

1.1.20. Flammable Liquid Class I A

Any liquid that has a flash point below 22.8°C (73°F) and a boiling point below 37.8°C (100°F).