



Needed Fire Flow - Fuel Load Examples

Noncombustible - Merchandise or materials, including furniture, stock, or equipment, which in permissible quantities do not in themselves constitute an active fuel for the spread of fire.

Examples:

Asbestos storage

Metal products storage

Clay storage

Stone storage

Marble storage

Limited-combustible - Merchandise or materials, including furniture, stock, or equipment, of low combustibility, with limited concentrations of combustible materials.

Examples:

Airport, bus, railroad terminal

Jail

Apartment

Library

Artist's studio

Medical Laboratory

Auto repair shop

Motel

Auto showroom

Museum

Aviary

Nursing home

Barber shop

Office

Church

Pet grooming shop

Cold storage warehouse

Photographer's studio

Day care center

Radio station

Educational institution

Recreation center

Gasoline service station

Rooming house

Greenhouse

Undertaking establishment

Health club

Combustible - Merchandise or materials, including furniture, stock, or equipment, of moderate combustibility.

Examples:

Auto parts store	Municipal storage building
Auto repair training school	Nursery sales outlet store
Bakery	Pavilion or dance hall
Boat sales (where storage 15%)	Pet shop
Book store	Photographic supplies
Bowling establishment	Printer
Casino	Restaurant
Commercial laundry	Sandwich shop
Contractor equipment storage	Shoe repair
Department store (where storage 15%)	Sporting goods (where storage 15%)
Dry cleaner (no flammable fluids)	Supermarket
Gift shop (where storage 15%)	Theater
Hardware store (where storage 15%)	Vacant building
Leather processing	Wearing apparel factory (except furs)

Free-burning - Merchandise or materials, including furniture, stock, or equipment, which burn freely, constituting an active fuel.

Examples:

Aircraft hangers	Packaging and crating
Cabinet making	Paper products manufacturing
Combustible metals (e.g., magnesium)	Petroleum bulk distribution center
Dry cleaner (using flammable fluids)	Stables
Feed store (with > 1/3 ton of hay)	Tire manufacturing
Fur apparel manufacturing	Tire recapping or retreading
Furniture manufacturing	Wax products (candles, etc.)
Kennels	Woodworking shop

Lumber

Rapid burning or flash burning - Merchandise or materials, including furniture, stock, or equipment, which either:

- (1) burn with a great intensity
- (2) spontaneously ignite and are difficult to extinguish
- (3) give off flammable or explosive vapors at ordinary temperatures
- (4) as a result of an industrial processing, produce large quantities of dust or other finely divided debris subject to flash fire or explosion

Examples:

Ammunition	Matches
Feed mill (with > 7 tons of hay & straw)	Mattress factory
Fireworks	Nitrocellulose-based plastics
Flammable compressed gases	Painting with flammables or combustibles
Flammable liquids	Rag storage
Flour mill	Upholstering shop
Highly flammable solids	Wastepaper storage