

When selecting materials for lockers, fire safety is a crucial consideration. At Lockers Manufacturing, we ensure that our materials are evaluated for their fire resistance. Below shows fire ratings of various materials to help you quickly assess their suitability for your specific environment.

Material	Fire Rating	Description
Steel	● ● ● ● ●	Steel is highly fire-resistant due to its high melting point, which exceeds 2,500°F (1,370°C). It does not ignite or produce harmful fumes when exposed to fire, making it ideal for fire-sensitive applications. However, extended exposure to extreme heat can compromise its structural integrity.
Phenolic	● ● ● ● ●	Phenolic materials are known for their strong fire resistance. They withstand high temperatures and resist burning and smoke emission, making them suitable for high-risk environments.
Plastic Laminate (PLam)	● ● ● ●	Plastic laminates vary in fire resistance. Standard laminates may burn, but specially treated versions offer enhanced fire resistance. They are used in commercial settings where fire safety is a concern.
HDPE	● ● ●	High-Density Polyethylene (HDPE) has a lower fire resistance compared to metals. It begins to soften at about 250°F (120°C) and can catch fire at higher temperatures. HDPE can melt and drip under intense heat, which can contribute to fire spread.
Wood	● ●	Wood is highly flammable and generally has a lower fire rating. It can catch fire easily and burn rapidly. While fire-retardant treatments can improve its fire resistance, it remains less effective compared to non-combustible materials.