FIRE
American Metal Door’s LTH3700 Series horizontal sliding, temperature rise-rated fire door systems are Underwriters Laboratories Listed and Factory Mutual Approved. The door systems are available with classification labels up to four hours. All LTH3700 Series horizontal sliding fire door systems are furnished complete in accordance with National Fire Protection Association (NFPA) #80, “Standard for Fire Doors and Windows.” The LTH3700 Series is available as single sliding or bi-parting.

INDUSTRIAL
The NTH3500 Series by American Metal Door is perfect for a variety of industrial and commercial applications. The construction and design of the doors is meant to make installation easy due to the interlocking splice column which eliminates field welding. Appearances matter and the NTH3500 Series will exceed your expectations. With no exposed fasteners and the wireless safety edges that eliminate draped wiring across the panel(s), the doors have a nice, clean look. They are available in both a single sliding and bi-parting configuration, giving you flexibility in design.
SPECIFICATIONS

Door Types:
- Non-Labeled, Top Hung Sliding Door systems (NTH3500 Series)
- Fire-Rated (Labeled), Top Hung Sliding Door systems (LTH3700 Series)
  - UL and FM (4, 3, 1 ½, ¾) hour fire rated, no temperature rise rating

Opening Requirements:
- Standard finished openings available (Single Sliding and Bi-Parting Sliding):
  - 3'-0" x 7'-0" (Single sliding only)
  - 4'-0" x 7'-0" (Single sliding only)
  - 6'-0" x 8'-0"
  - 8'-0" x 8'-0"
  - 10'-0" x 10'-0"
  - 12'-0" x 12'-0"
- Door shall overlap opening 4" at head and both jambs, 3/8" gap at floor
- Sideroom requirements vary depending on door configuration- see manufacturer for specific details
- Typical wall construction required

Door Panels:
- Door panel is a nominal 1-3/4" thickness
- Core consists of a resin impregnated Kraft honeycomb bonded under pressure to the face sheets
- Steel face sheets - a minimum of 18 gauge A-60 galvannealed steel
- Interior framing - a minimum of 14 gauge galvannealed steel
- Flush pulls, 14 gauge armor edge, trail door interlock, and bottom guide channel factory welded or screwed to the panels

Hardware:
- NTH3500 Series hardware utilizes standard components- each component is primed, galvanized or zinc plated finish
- LTH3700 Series hardware shall conform to N.F.P.A #80 specifications and is primed, galvanized or zinc plated finish
- Hardware components include: box track, adjustable track brackets, adjustable wall brackets, adjustable concealed stay rollers, 6"x6" wall washers and wall bolts, one pair of four-wheel ball bearing hangers and mounting hardware
- LTH3700 Series door systems contain an Automatic Closing System- counterweight closing system connected to a triple fusible link through wall system- also included: jamb binders and 10 gauge frame interlocks

Options:
- Gasketing- brush-type seals at head, jambs and sill
- Track Hoods- track weather-hood formed from galvannealed steel sheets
- Crush plates- required when wall material is not solid concrete

Finish:
- All steel is prime painted with a universal red structural steel primer

Warranty:
- Manufacturer’s standard 3 year limited warranty

Panel Options

DRAWINGS

Panel Options

1 Panel

2 Panel

3 Panel

Head Section

Elevation View

Sill Section

Jamb Section