



## INTU-FX: Intumescent

INTU-FX (Intumescent Fire Expandable) Legacy's intumescent material expands rapidly when exposed to heat or high temperatures. This stops fire expansion through the gaps around doors.

- Custom length, widths, and thicknesses are available
- Used in fire/acoustical applications
- Environmentally safe, minimal carbon footprint
- Standard color is black. Red available. Specify RD
- Optional - Laminated to wood, aluminum, steel, or other solid materials

PHYSICAL PROPERTIES	
Activation Temperature	600°F
Expansion Volume	100X
Expansion Pressure	130 PSI
Multi or controlled directional	Yes
Char	Soft
Flame-resistant	Yes
Moisture-resistant	Yes
Chemically inert / paintable	Yes
Non-carcinogenic	Yes
Long-life (no deterioration)	Yes
Odor-free	Yes
Asbestos-free	Yes
Standard Color	Black / Red Available

### Applications

- Filing lock-side top corner gaps typical of metal doors exposed to extreme heat.
- Protecting fire-wall through penetrations such as PVC pipe.
- Installation in electrical boxes.
- Protecting fire-rated safes.
- Laminate the slats of louvers.

### Global Fire Test Standard

**United States:** ASTM E119 (Equivalent to UL 263, referred to in Middle and Far East), UL 1709 (Test using the hydrocarbon fire curve)

**European Union:** EN 13381-8 (Replaces national Standards in Europe)

**United Kingdom:** BS 476-20/21 (Commonly referred to in EU, Middle and Far East)

**Chile:** NCh 1974

