

# National Guard Products Inc.

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## L-FRA 100 (Low Profile) for 1 3/4" door, 3/16" or 1/4" glass

### INSTALLATION INSTRUCTIONS

1. Cut out door in accordance with door manufacturers listing procedure. Steel fire-rated doors do NOT require an opening reinforcing channel or reinforcing clips.
2. Install glass & glazing material (sold separately), into lite kit.
3. Position outer frame in door cut out.
4. Position inner frame and insert and start all screws before fully tightening.
5. Tighten screws using a criss cross pattern. Use caution when using power screw driving equipment to avoid stripping the material.

**FIELD PAINTING: for best results scuff finish with a Scotch-brite pad prior to painting**

For Fire Rated Doors, using 1/4" fire rated wire glass:

20 & 45 minutes = 1,296 sq. inches max visible glass, 54" max height, 36" max width.

60 & 90 minute = 100 sq. inches max visible glass, 33" max height, 10" max width.

Sizes exceeding those shown above may be achieved using Fire-Lite, Fire-Lite NT, Fire-Lite Plus, Pyrostop or Fireglass 20. Maximum size is determined by the glass listing (in doors) and door manufacturers listing.

UL10B fire doors using 1/4" fire-rated wire glass require butyl rubber glazing tape like NGP GT-16.

UL10C Positive Pressure rated fire doors using fire-rated wire glass:

20 min requires closed cell PVC foam glazing tape like NGP GT-116 or GT-118.

45, 60 or 90 min requires NGP 9800 or 3M GIS intumescent glazing tape.

UL10C Positive Pressure rated fire doors using Fire-Lite, Fire-Lite NT, Fire-Lite Plus, Pyrostop or Fireglass 20 require closed cell polyvinyl chloride (PVC) foam

glazing tape like NGP GT-116 or GT118.

