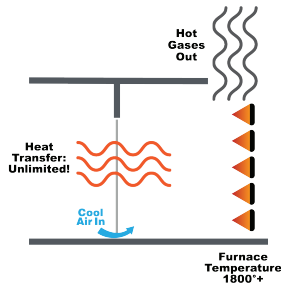


# Opening Protectives, Test Standards and Code Provisions



## UL 10B NEUTRAL PRESSURE TEST OF DOOR ASSEMBLIES



### TEST CRITERIA

No combustion pressure against test specimen  
Full heat transfer allowed  
Flame-thru or flash-thru is cause for failure

### HOSE STREAM TEST

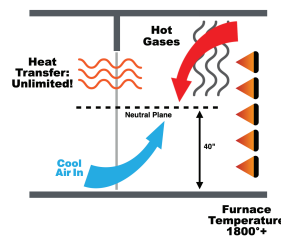
YES – For labels greater than 20 minutes

### IBC COMPLIANT OPENING PROTECTIVES

Horizontal Sliding Fire Doors  
Rolling Steel Fire Doors  
Fire Shutters



## UL 10C POSITIVE PRESSURE TEST OF DOOR ASSEMBLIES



### TEST CRITERIA

Combustion pressure forced against test specimen  
Full heat transfer allowed  
Flame-thru or flash-thru is cause for failure

### HOSE STREAM TEST

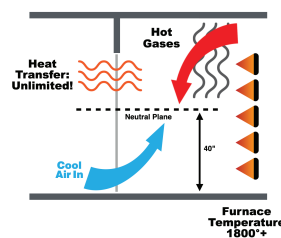
YES – For labels greater than 20 minutes

### IBC COMPLIANT OPENING PROTECTIVES

Side-Hinged Swing Doors  
Pivoted Swing Doors



## UL 10D FIRE TEST OF FIRE-PROTECTIVE CURTAIN ASSEMBLIES



### TEST CRITERIA

Combustion pressure forced against test specimen  
Full heat transfer allowed  
Flame-thru or flash-thru is cause for failure

### HOSE STREAM TEST

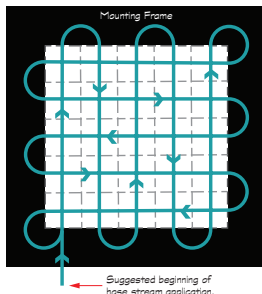
NO – Maximum label of 20 minutes

### IBC COMPLIANT OPENING PROTECTIVES

Smoke & Fire Rated Fabric



## ASTM E2226 STRUCTURAL INTEGRITY TEST (HOSE STREAM)



### TEST CRITERIA

Universal requirement to confirm structural integrity  
Minimum 30 psi for 2.5 minutes in a basic zig-zag style

### IBC COMPLIANT OPENING PROTECTIVES

Any opening protective assembly that passes the burn but fails the hose stream can achieve a 20-minute label.

