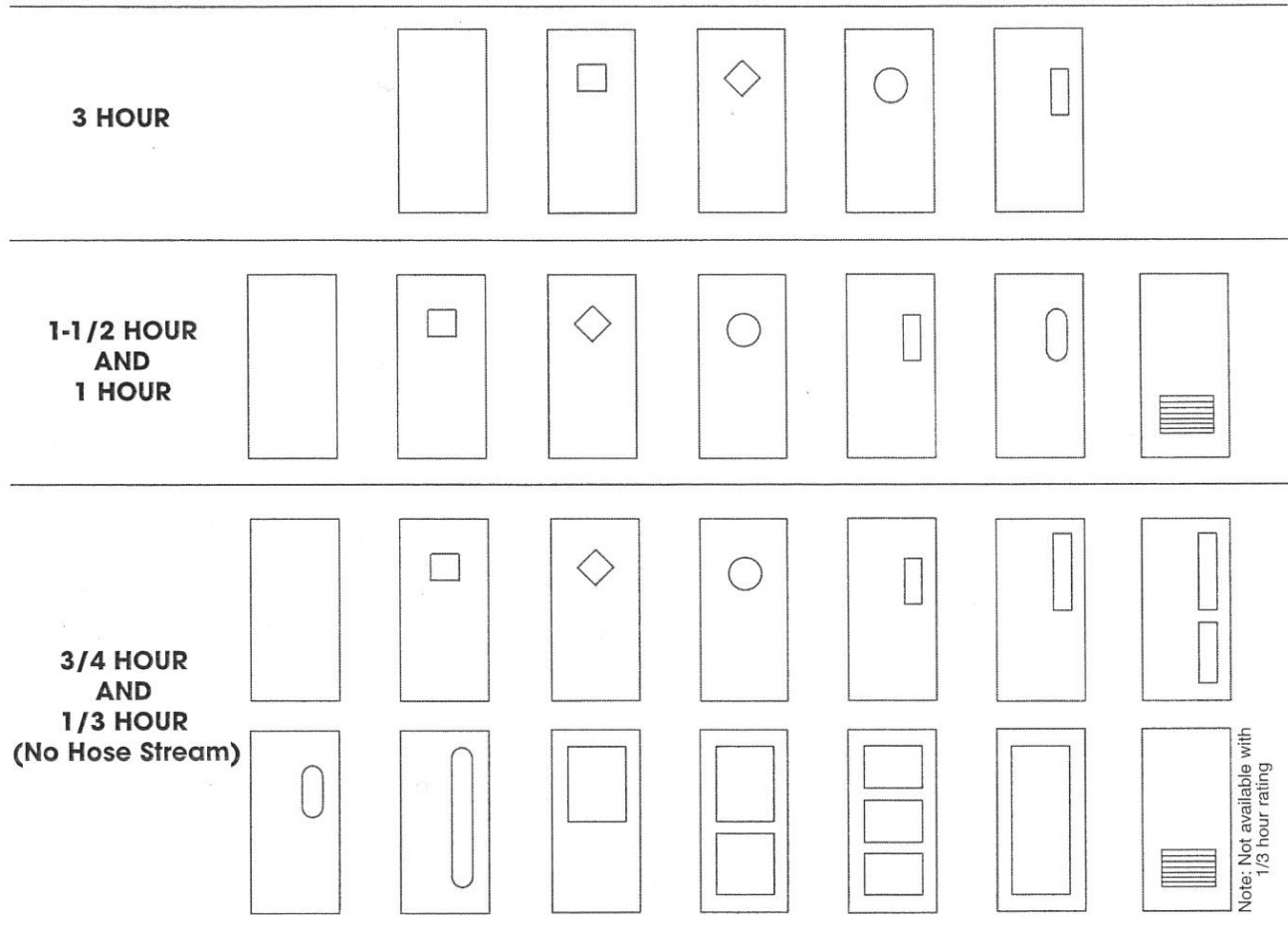




FIRE RATED HOLLOW METAL DOORS

REPRESENTATIVE TYPES OF HOLLOW METAL FIRE DOORS (See Table 4 for Limitations)



LABELED GLAZING MATERIALS FOR HOLLOW METAL FIRE DOORS

Table 4 summarizes, by fire endurance rating, the maximum areas, widths and heights of commercially available glazing materials labeled by either UL or WHI for use in hollow metal fire doors. Users are advised to consult individual glazing manufacturer's listings for specific limitations, restrictions and requirements.

Labeled Material		3 Hours	1-1/2 Hours	1 Hour	3/4 Hour	1/3 Hour (NHS ^(a))
Laminated or Solid Ceramic Glazing	Area	100 in ² (0.065m ²) ^(b,c)	4032 in ² (2.6m ²) ^(d)	4136 in ² (2.67m ²) ^(d)	4136 in ² (2.67m ²) ^(d)	4738 in ² (3.1m ²) ^(d)
	Width	12" (305 mm)	48" (1219 mm)	50-3/4"(1289 mm)	50-3/4"(1289mm)	93-1/2" (2375mm)
	Height	33" (838 mm)	84" (2134 mm)	81-1/2"(2134 mm)	81-1/2"(2134 mm)	93-1/2" (2375 mm)
Specialized Wired Glass	Area		2208 in ² (1.43m ²) ^(c)	2208 in ² (1.43m ²) ^(c)	2856 in ² (1.84m ²) ^(d)	2856 in ² (1.84m ²) ^(d)
	Qty of Lights	Not Permitted	Up to 4 lights	Up to 4 lights	No Limit	No Limit
	Width		12" (305 mm)	12" (305 mm)	34" (864 mm)	34" (864 mm)
	Height		46"(1168 mm)	46"(1168 mm)	84" (2134 mm)	84" (2134 mm)
1/4" (6 mm) Wired Glass	Area		100 in ² (0.065m ²) ^(c)	100 in ² (0.065m ²) ^(c)	1296 in ² (0.84m ²) ^(d)	3289 in ² (2.12m ²) ^(d)
	Width	Not Permitted	12" (305 mm)	12" (305 mm)	54" (1372 mm)	36" (914 mm)
	Height		33" (838 mm)	33" (838 mm)	54" (1372 mm)	92" (2337 mm)

(a) : NHS = No Hose Stream

(b) : Where permitted by the AHJ

(c) : Maximum area per leaf

(d) : Maximum area per light