

NATIONAL CUSTOM HOLLOW METAL DOORS & FRAMES

FIRE LABELS FOR WINDOW AND DOOR FRAMES

"UL" Underwriters Laboratories

NCHM PRIMARY LABEL PROCEDURE

Page 1 Book -1 Revised 12-10-2014

Always refer to specific fire label procedure for details that may differ with those quoted above which may have some errors or exclusions

For Frames look to UL Labels first then Warnock only when UL not available Accept Total Door Frames.

Single	Pair	Double Swing	4 Sided Access Door	Communicating Door Frame	Frames w/Tras. And Side lgs and panels	Frame Dutch	Double Egress	Windows	Frames for Multiple Openings	Adjustable Frame	Vol./Sec	Label #	Cert.	File Number	Frame	Stainless	Steel Gauge	Category	Special features or Instr.	Max. Opening	Max. Overall Dim	Min Wall Thick	Throat	Return & Face Restrict	Transom/Lights	Stop Hgt.	W/Side Light	W/Side Pl.	With side Panel	Notes		
FIRE RATED MINUTES												20	45	60	90	180																
48X120	96X120	96/120	48X120	48X120	48X120	48/120					V1/S1	63-1, 63-10	UL-USA &Canada	R12021	Double and Single Rabbet	yes	12,14,16	As Supl. By section A	Welded or K/D to accept Doors 1 3/8" & 1 3/4" Opt. Hosp. Stops.		2	Opt. Drywall returns.	13" Max Dbl Rab. 2"-4" Sgl Rab.	Dbl. Rab. 1 1/4"-4" Sgl. Rab. 2-4" Return=1/4"-3/4"		5/8"	1296"	Max Ind. Open 24X28		Opt. Loose Anchors		
48X108	96X108				Max Opening 162X144" Doors SG48X108, PR66X108						V1/S2	63-6 "Fire Door Frame for Lights" 63-7 "Fire Door Frame with Panels"	UL-USA &Canada	R12021	Double Rabbet	yes	12,14,16	As Supl. By section A	Req. Weld Corn.- Loose Anchors up to Frames 96X108	162X144		4.0" Min	Dbl. Rab. 1 1/4"-4" Sgl. Rab. 2-4" Return=1/4"-3/4"	Trans Pl Max 1066"	5/8"	1296"	1296		Opt. Loose Anchors			
48X86											V1/S3	63-1, 63-10,	UL-USA &Canada	R12021	Single & Double	yes	14, 16 Gage	Knockdown type for non-masonry walls Must include Instr.	K/D Opt Hosp. stops. OK 1 3/8-1 3/4" Doors	48X86	4 1/2"-9" Profile Frame depth	Sgl Rab 2"-3 1/2"-8" Max	2" Face Return 7/16-5/8" Drywall 1/4-7/16		5/8"				Opt. Loose Anchors			
							96X96				V1/S4	63-1, 63-10,	UL-USA &Canada	R12021	Double Egress	yes	12,14,16	Max. Frame Opening 101 1/4"	Req. Welded Corn.	96 X 96		4"	4"						Spec. Specific.			
							96X96				V1/S5	63-1, 63-10,	UL-USA &Canada	R12021	Double Egress	yes	12,14,16		Req. Welded Corn.	96 X 96		4"	4"						Opt. Loose Anchors			
48X108	96X108				96X108		96X96				V1/S6	63-1, 63-10, 63-3, 63-2	UL-USA &Canada	R12021	most	yes	12,14,16		Incl Frames Sect. 1,2,3,5,6,7					1 1/4" Dbl Rab. RT1/4" Min 3/4" Max.					Opt. Loose Anchors			
48X108	96X108				Masonry 162X144 Drywall 162X120 non combust sll;Borrowed 110 1/2"X115"						V1/S7	63-17-2,63-17-3,63-18-1	UL-USA &Canada	R12021	most	yes	NLT 16	As Supl. By section A	Loose Anchors accepted	162X144				Max Transom & Side Panel or SideLite 5268"								
											V1/S8	"Fire Window Frame" 1 1/2 HR 63-9	UL-USA &Canada	R12021	X	yes	NLT 16	As Supl. By section A	sidelights		136X120	4"	4"		Max Transom & Side Panel or SideLite Opening +1296"							

NATIONAL CUSTOM HOLLOW METAL DOORS & FRAMES

FIRE LABELS FOR WINDOW AND DOOR FRAMES

"WH" INTERTEK WARNOCK HERSEY

NCHM Primary Label PROCEDURE

Page 3 Book 3 Revised 2-16-2015

Always refer to specific fire label procedure for details that may differ with those quoted above which may have some errors or exclusions
For Frames look to UL Labels first then Warnock only when UL not available Accept Total Door Frames.

Single	Pair	Double Swing	4 Sided Access Door	Communicating Door Frame	Frames w/Trans. And Side lghts and panels	Frame Dutch	Double Egress	Windows	Frames for Multiple Openings	Adjustable Frame	Fire Label Minutes	Section	Label #	Cert.	File Number	Frame	Gage	Category	Incl Stainless	Special features or Instr.	Max. Opening	Max. Overall Dim	Min Wall Thick	Throat	Return & Face Restrict	Transom/Lights	Stop Hgt.
							96X96				30,45,90 Wod/Steel std 180 Mas.	Frame -1	W/N 03162 & WH Black 3 Hr.	USA/CA Inter. WH OPT. Lead Lined	20 Min-3Hr (29587)	Frame 16 Ga. Anchors	12,14,16	Door Frames	Yes	Qualified pos. Press.	Must Weld	Double Egress and Alt Single Rabbet DE	If used 1/2"	4"	See UL for 1 1/4" Face		
										48X96	90	Adjustable Frame 2	W/N 20463	USA/CA Inter. WH OPT. Lead Lined	20-90 Min Adj. (29588)	X	Catg. C Standard frames	Yes	Qualified pos. Press.	K/D	2"F,1"S,1 15/16"R,		Min. 3 3/4"	Min. Face 2" return 1/2"	yes	5/8"	
48 X 120	96 X 120						96X120				90	NP/PP 20-90 Min Fire Door Frame (29589)	W/N 20463	USA/CA Inter. WH OPT. Lead Lined	NP/PP (29589)	X	Catg. C Standard frames	yes	Qualified pos. Press.	K/D	2"F,1 1/4"S,1 15/16"R,	1/2'	5"		yes	5/8"	
60 X 144	120X144										welded 90 Min.	Fire Door & Frame W/Wo Trans Panels or Lights (29590)	W/N 20464	USA/CA Inter. WH OPT. Lead Lined	90 Min Door & Frame Ass.(29590)	X	Catg. D Standard frames	Yes	Total Door FR 100	Weld	1.5"-4" Face, 1" Min S		3" min.		Max 4' Panel may be door Constr.	5/8"	

NATIONAL CUSTOM HOLLOW METAL DOORS & FRAMES FIRE LABELS FOR DOORS

"WH" INTERTEK WARNOCK HERSEY

NCHM Primary Label procedures

Page 4 Book - 3 Revised January 4, 2015

Always refer to specific fire label procedure for details that may differ with those quoted above which may have some errors or exclusions

Singles	Dutch Door	Pairs	Double Egress	HR/Minutes	Core	Vol./Sec	Label Code	Cert.	File # or Category	SS	Thkness	GAGE	Astr	Latch	* Max Light/Max. Louver	FD Viewer	Also Class.	Eng Rel.	Temp Rise
60X144		120X144		90/60/45/20	3 1/4" Top to Top 6" sp 22ga Steel stiffen OPT. Fire rated with Lead Lining	90 Min D/F USA/CAN with Trans.	WH 20462, 20463, 20464 Opt. UL 10-3-6 or 10-3-5	IT-WH US-CA	29590	Galv	1 3/4-2"	14-16-18	Pairs over 8' W 10'H	3/4 Min	TR <100" or per UL Glaz Req	yes	UL 10C & UBC 7-2 (1997)	Joint Test 8	Temp Rise 30 min = 450 Dg F MAX lite 100 In2
48X96		96X96		90 Min	Polystyrene Opt. Lead Lined	DP Series	Active w/n #20462, 03161, 03158, 03156	IT-WH US-CA	DP Series Catg. A	Galv.	1 3/4"	16-18	yes		Louver None Lgt max 100"		Categ. A Elig. To bear "S" for Smoke and draft		
40 X 96				180	Honeycomb Opt. lead lined	DH Series	Active, 03165, 03161, 03158, 03156	IT-W/H US-CA	DH Series Catg. A	Stainless or Galv	1 3/4"	16-18	N/A		180 & 90 Min. = 100" 45 & 20 = 1296" Louver none		Categ. A Elig. To bear "S" for Smoke and draft		
48X96	42X102	96 X 96		180 Min	3 1/4" Top to Top 6" Sp 24 Ga Steel stiffen Opt. with Lead Lining	DST-6	Active, 03161, 03158, 03156, Tbs,Temp Rise & Smoke	IT-W/H US-CA	DST -6 Series CTG A&C Doors Elig. Smoke Draft	Galv.	1 3/4"	16, 18	YES Req.		Louver Max 576" or Glass Light 90 Min. Max 100" 45 & 20 1296"Dtch Dr None.		Categ. A Elig. To bear "S" for Smoke and draft		Temp Rise Greater than 650d @ 30 Min.
48X108		96X96	96X96	90	1 1/2 " 6-9" sp 22ga Brim to Brim Steel stiffen Opt. w/Lead lining	DSB Series	Active w/n 03161, 03158, 03156	IT-W/H US-CA	Ctg A & C Doors Elig. Smoke Draft	Galv	1 3/4"	16-18	Pairs and Double Astr. For Dbl. Egr.		Louver Max 576" or Glass Light 90 Min. Max 100" 45 & 20 1296"		Categ. A Elig. To bear "S" for Smoke and draft		Temp Rise Greater than 650d @ 30 Min.
48X120		96X120		180/90/45/20	3 1/4" Top to Top min 24 Ga. Steel Stf. 8" OC Opt lead lined.	DST-8	Active, 03165, 03161, 03158, 03156	IT-W/H US-CA	DST-8 Series CTG A&C Doors Elig for Smoke Draft	Galv.	1 3/4"	16-18	yes		Louver Max 576 or Glass Light 90 Min. Max 100" 45 & 20 1296"		Categ. A Elig. To bear "S" for Smoke and draft		Temp Rise Greater than 650d @ 30 Min.

*Louver and vision panel cannot be in same door

When a section calls out a need for a pressure sensitive supplemental label the use of a self stick Avery typy label with required wording will be accepted when applied as specified

Always refer to specific fire label procedure for details that may differ with those quoted above which may have some errors or exclusions

LASER LINK INC. dba NATIONAL CUSTOM HOLLOW METAL DOORS & FRAMES
"UL" UNDERWRITERS LABORATORIES
OUTSWING SEVERE WINDSTORM TESTED HURRICANE DOORS & FRAMES

NCHM Primary Label
Procedures
PAGE 5 BOOK - 4 REVISED
JANUARY 4, 2015

Single Door AND/OR Frame	Pair DOORS AND/OR FRAME		Florida Building Code # FL 14584 TEXAS DEPARTMENT OF INSURANCE DR-495	DOOR CORE	Vol./Sec	Label #	File Number	Frame	Gage	DOORS & Frames Incl Stainless	Special features or Instr.	Frame Profile Width	Anchors	Sidelight & Transom	Hardware Incl. in Test	Test Standard
36 X 84	72 X 84		Passed 70 PSF & Large Missile Impact Approved with Anemostat StormPro Vision and Louvers	Steel Stiffened DST-6 Stainless Glue-In Option	V1/S1	<3YX0> FRAMES <3YY3> DOORS	R26904 FRAME R26918 DOORS	Galv. And Stainless	Doors 16 Ga. Frames SGL 16 GA. Pairs 14 Ga.	DOORS Incl Stainless with Glue-IN stiffeners Approved	Approved with StormPro	Welded 5 3/4" 4 3/4" Throat DBL Rab. 5/8" Stop	Installed with 3/8 X 5" Lag Bolts 6" Top/Bottom and 24" Center	no	Corbin Cyind, Seargeant Mortise W/Dead, Rim Exit, & Vert Rod Exit	NAAMM-HMMA Joint Test 10 ANSI /SDI BHMA A 250.13

NATIONAL CUSTOM HOLLOW METAL DOORS & FRAMES

FIRE LABELS FOR WINDOW AND DOOR FRAMES

TOTAL DOOR AN OPENINGS COMPANY

"WH" INTERTEK WARNOCK HERSEY

FRAMES ONLY "TOTAL DOOR OPENINGS"

Page 6 Book - 5 Revised January 4, 2015

Always refer to specific fire label procedure for details that may differ with those quoted above which may have some errors or exclusions

For Frames look to UL Labels first then Warnock only when UL not available Accept Total Door Frames.

Single	Pair	Double Swing	4 Sided Access Door	Common Rating Door Frame	Frames w/Tras. And Side lghts and panels	Frame Dutch	Double Egress	Windows	Frames for Multiple Openings	Adjustable Frame	Fire Label Minutes	Section	Label #	Cert.	File Number	Frame	Gage	Category	Incl Stainless	Special features or Instr.	Max. Opening	Max Overall Dim	Min Wall Thick	Throat	Return & Face Restrict	Transom/Lights	Stop Hgt.	W/Side Light	W/Side PL	W/Sd/Lite	Notes	
					Masonry 162X144 Drywall 152X136			Masonry 162X144 Drywall 152X136			20-45 Min.		20 & 45 min Lb	USA/CA Inter. WH OPT. Lead Lined	Total Doors (15571) Frames	X	14,16	Door frames-Openings-Total Door	Yes		Weld only				Window Transom 3528" Sidelight 4608"	5/8"						
											180 Min. Steel/Wood stud drywall or Masonry	Door Frames	3 HR	USA/CA Inter. WH OPT. Lead Lined	31484	X	16Gage 3 hour K/D		yes		K/D				3.5" - 4" with 20 Min Rating							
								Weld 100 3/8" X 108"			90 Min.	Door Frames	90 Min	USA/CA Inter. WH OPT. Lead Lined	31484	x	12,14,16		yes		Weld only				3.5"							
					Sideligh122X121						60 Min.	Door Frames	No 60 Min In-stock	USA/CA Inter. WH OPT. Lead Lined	31484	x	14,16		yes		Weld only				4 7/8"		5/8"					
					Masonry 162X144 Drywall 152X136						45 Min	Door Frames	45 Min.	USA/CA Inter. WH OPT. Lead Lined	31484	x	14,16		yes		Weld or K/D				5 3/4"		5/8"					
48X96	96X96				120" Height Allowed with 18Ga. Buck					96X96	90 Min.	FR 100 & FR200	90 Min	USA/CA Inter. WH OPT. Lead Lined	31484	x	12,14,16	FR 100	Yes					4"								
48X108											20- 3 Hr	FR200 Stainless Steel Shell	90 Min	USA/CA Inter. WH OPT. Lead Lined	31488	X	22 Ga Shell 304		Yes		10X12				3"-13 1/2"			yes	yes			URC 7-2: 97/UL 10 C Pos. pres
48X96											180	FR200 Stainless Steel Shell	3 Hr.	USA/CA Inter. WH OPT. Lead Lined	31488	X	22 Ga Shell 304		yes		100 3/8X120	105X124			3 1/2" 20 Min = 2"							

NATIONAL CUSTOM HOLLOW METAL DOORS & FRAMES

FIRE LABELS FOR DOORS

"UL" Underwriters Laboratories

BACKUP ONLY; USE WHEN INTERTEK

'WH' DOES NOT APPLY

Page 7 Book - 6 Revised January 4, 2015

Always refer to specific fire label procedure for details that may differ with those quoted above which may have some errors or exclusion:

VOLUME 1 SECTIONS 1-3

Singles	Dutch	Pairs	Double Egress	FIRE LABEL MINUTES					Core	Vol./Sec	Label Code	Cert.	File # or Category	SS/galv.	Thick	GAGE	Astr	Latch	Vision/Louvers cutout Fire Rated kits by others	FD Viewer	Spec Notes	Eng. Rel.	Temp Rise
				20	45	60	90	180															
36X84				CECO Door Procedure ONLY					Honeyco mb	V1S1	10-3-4	UL	R12020	galv.	1 3/8	16-18		1/2 Sgl	VP Max. 100SI	yes		CECO	N/A
48X108		96X96		CECO Door PROSS. ONLY					Honeyco mb	V1S2	10-3-4	UL	R12020	galv.	1 3/4	16-18 20Ga. Opt.	yes	1/2S 3/4P	Louvers max 90 Min. or VK 1296 MX 54"	yes 1/2"	When 20Ga skins max Sz 40X86	CECO	None
48X96				Singles 3 Hour					Honeyco mb, Steel Stiffen Opt.	V1/S3	10-3-4	UL-US-CA	R12020	Galvaneal & Stainless Steel	1 3/4	16-18	yes	5/8S 3/4P	VK yes UL/ LV yes MX 24"	yes	May be stitch welded	Joint Test 9	yes VK <100"
		84X86		Pairs 90 Mins					Honeyco mb, Steel Stiffen Opt.	V1/S3	10-3-4	UL-US-CA	R12020	Galvaneal & Stainless Steel	1 3/4	16-18	yes	5/8S 3/4P	VK yes UL/ LV yes MX 24"	yes	May be stitch welded	Joint Test 9	yes VK <100"

NATIONAL CUSTOM HOLLOW METAL DOORS & FRAMES

FIRE LABELS FOR DOORS

"UL" Underwriters Laboratories

BACKUP ONLY; USE WHEN INTERTEK
'WH' DOES NOT APPLY

Page 8 Book - 7 Revised January 4, 2015

VOLUME 2 SECTIONS 1-11

Singles	Dutch	Pairs	Double Egress	FIRE LABEL MINUTES	Core	Vol./Sec	Label Code	Cert.	File # or Category	SS/galv.	Thick	GAGE	Astr	Latch	Vision/Louvers cutout Fire Rated kits by others	FD Viewer	Spec Notes	Eng. Rel.	Temp Rise
48X96		96X96		90/45	Z type 10-12" Steel stiffen	V2/S1	10-3-4	UL	R12020	galv.	1 3/4	16-18	yes	1/2S 3/4P	VK 1296 MX 54"	yes 1"		Builders Mfg	30m 650d
48X108		96X108	96X96	90/45	1 1/2 " 6-9" sp Brim to Brim Steel stiffen	V2/S2	10-3-4	UL	R12020	galv	1 3/4	14-16-18	yes	1/2 S&P 3/4S>95"	VK 1296 MX 54" If over 96" 100 SI Max Lite	yes 1"		Builders Mfg	None
42 X 90				90/45	1 1/2 " 6-9" sp Brim to Brim Steel stiffen	V2/S3	10-3-4	UL	R12020	Galv.	1 3/4	16-18	Pairs not Allowed	1/2 S	LV Auto Max 24"	N/A		Builders Mfg	none
48X86		96X86		90/45	2-4" Top to Top 6" sp Steel stiffen	V2/S4	10-3-4 3/4 Hr 10-3-6 1-1/2	UL	R12020	Galv.	1 3/4	16-18	Optional Not Require	1/2"S 5/8"P	90 Min <100 " 45Min VK 1296 MX 54"	yes 1/2"		F.L. Saino	none
48X96		96X96		180/90/45	3 1/4" Top to Top 6" sp Steel stiffen	V2/S5	10-3-4	UL	R12020	Galv.	1 3/4	14-16-18	Yes	1/2S 3/4P	Louvers Max 24" X 24" & 90 Min.	N/A		Habersham	none
	42 X 90			180/90/45	4" Top to Top 6" sp Steel stiffen	V2/S6	10-3-4	UL	R12020	Galv.	1 3/4	16-18	Yes	3/4"	None	N/A	Each Leaf Max 45" high 24Ga Stf.	Habersham	none
48X120		120X86		180/90/45	3 1/4" Top to Top 8" sp Steel stiffen	V2/S7	10-1-3 3Hr 10-3-4 3/4 hr and 1 1/2 Hr	UL	R12020	Galv.	1 3/4	16-18	Yes	3/4S 3/4P	VK 1296 MX 54"	yes 1/2"	24 Ga Min Stf.	Habersham	none
40X96				180/90/45	Honeycomb	V2S8	10-3-4	UL	R12020	Stainless	1 3/4	16-18	N/A	3/4S	180 Min None 90 Min 100" 45 Min 1296"	N/A		Habersham	None
48X96		96X96		90/45	2 1/2" Top to Top 6" sp Steel stiffen	V2/S9	10-3-4 or 10-3-3	UL	R12020	Galv	1 3/4	16-18	yes	5/8S 3/4P	90 min 100' 45 Min 1,296"	yes 1"	Temp. Rise based on Insul. 20Ga. Stf.	Allied Steel	10-3-3 Opt 650 & 450 d 48X84
48X96		96X96		180/90/45	Z type 10-12" Steel stiffen	V2/S10	Labels NIS 10-3-1 10-3-2	UL	R12020	Galv	1 3/4	16-18	yes	2 & 3 FT. locks No Min.	none/none	N/A	650 TP RS W/Cellular Asbestos	Habersham	Fiberglass None
42X86		84 X 86		180/90/45	1 1/2 " 6-9" sp Brim to Brim Steel stiffen	V2/S11	10-3-4 or 10-3-6	UL	R12020	Galv.	1 3/4	14-16-18	Yes	1/2"S 1/2"P	None	N/A	W/Fire Exit Hardware 10-3-6 TR	Builders Mfg	

NATIONAL CUSTOM HOLLOW METAL DOORS & FRAMES

FIRE LABELS FOR DOORS

"UL" Underwriters Laboratories

BACKUP ONLY; USE WHEN INTERTEK
'WH' DOES NOT APPLY

Page 9 Book - 8 Revised June 30, 2015

VOLUME 2 SECTIONS 12-16

Singles	Dutch	Pairs	Double Egress	FIRE LABEL MINUTES	Core	Vol./Sec	Label Code	Cert.	File # or Category	SS/galv.	Thick	GAGE	Astr	Latch	Vision/Louvers cutout Fire Rated kits by others	FD Viewer	Spec Notes	Eng Rel.	Temp Rise
48X96		96X96		180/90/45	1 1/2" Top to Top 8" sp Steel stiffen	V2/S12	10-3-4 or 10-3-6	UL	R12020	Galv	1 3/4	14-16-18	Yes	3/4S 3/4P	None			Builders Mfg	
48X96		96X96		90/45	Polystyrene	V2/S13	10-3-4	UL	R12020	Stainless Steel & Galv.	1 3/4	16-18	yes	5/8S 3/4P	90 min = 100"		1.0 Lb pcf	Builders Mfg	
40X96				Singles 180 Mins Pairs 90 Mins	Honeycomb	V2/S14	10-3-4	UL	R12020	Stainless Steel and Galv.	1 3/4	16-18	Optional Not Require	3/4"	90 Min = 100'45 Min = 1296	yes 1"		Joint test 2	
48X96		96X96		90 Mins	Honeycomb	V2/S14	10-3-4	UL	R12020	Stainless Steel and Galv.	1 3/4	16-18	Optional Not Require	3/4"	90 Min = 100'45 Min = 1296	yes 1"		Joint test 2	
36X96		72X96		Singles 180 Mins Pairs 90 Mins	2 1/2" Top to Top 6" sp Steel stiffen	V2/S15	10-3-4	UL	R12020	Galv.	1 3/4	16-18	Only 3 Hr	3/4"	None		ISO 3008, 1976 Door UBC 43.2		None
60X144		120X144		90/60/45/20	3 1/4" Top to Top 6" sp Steel stiffen	V2S16	use WH Labels Opt. UL 10-3-6 or 10-3-5	UL-US-CA	R12020	Galv	1.75-2.00	14-16	Pairs over 8' W 10'H	3/4Min	TR <100" or per UL Glaz Req	yes	UL 10C & UBC 7-2 (1997)	Joint Test 8	650 or 450d