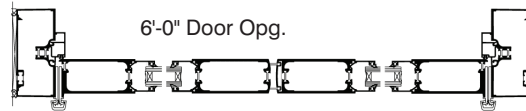
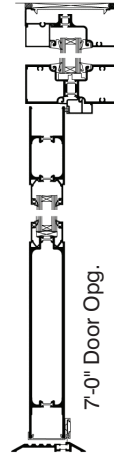
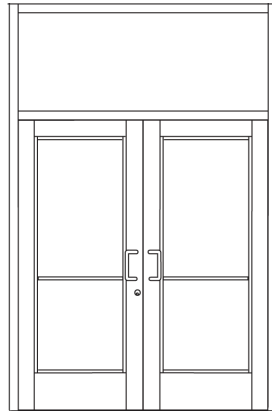


**Custom Thermal Doors & Frames**

**Pricing Example**

**Finish:** Bronze (DB)  
**Doors:** 4" Medium Stile  
 10" Bottom Rails  
 Only



**Note:**  
 See Section C2 for  
 Standard Door & Frame  
 Hardware Items.

See Section C3 for  
 Custom Door & Frame  
 Fabrication pricing  
 with Hardware by Others.

Center Pivot hinging and  
 some other hardware op-  
 tions are not available with  
 Thermal Doors & Frames.

Item Description	Page No.	Unit Qty.	List Price Per Unit	Total List
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**Door Fabrication Charges**

Pair of Medium Stile Blank Doors 6'-0" x 7'-0" with 1" glass(TMS7284) G2	C1.1-2	1	\$ 2,042	\$ 2,042
10" high bottom rails (included)	C1.1-3	1	\$ 0	\$ 0
Continuous Hinge - Door Portion (P1584D)	C2-1	2	\$ 435	\$ 870
Maximum Security Deadlock (P1420D)	C2-3	1	\$ 48	\$ 48
Pair of lock Cylinders (P572D)	C2-4	1	\$ 33	\$ 33
Flush Bolts (P062TD)	C2-4	2	\$ 63	\$ 126
Pull Handles (P1564PD)	C2-1	2	\$ 48	\$ 96
Push Bars (P1565PD)	C2-1	2	\$ 87	\$ 174

**Frame Fabrication Charges**

2" x 4-1/2" Open Back Transom Frame (TFT961442)	C1.1-5	1	\$1,751	\$ 1,751
Pocket Fillers (T6251)	A1-3	2	\$ 85	\$ 170
1 Set Door Stops (included) TDS2	C1.1-6	1	\$ 0	\$ 0
1 Set Transom Glass Stops (TTS4)	C1.1-6	1	\$ 0	\$ 0
Continuous Hinge - Frame Portion (P1584F)	C2-1	2	\$ 42	\$ 84
Maximum Security Deadlock (P1420F) Frame Prep	C2-3	1	\$ 9	\$ 9
Flush Bolts (P062TF) Frame Prep	C2-4	2	\$ 9	\$ 18
Threshold (TX72P included)	F1-12	1	\$ 0	\$ 0
Threshold Fabrication Charge (TTHPD1)	C1.1-5	1	\$ 0	\$ 0

**TOTAL LIST PRICE** ..... \$ 5,421

**Apply your multipliers for Custom Doors and DB Finish to this amount.**

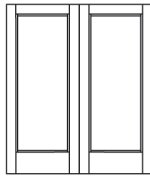
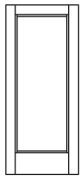
Adjustable setting blocks for glass are wedge-type.

### Custom Thermal Doors & Frames

Door & Frame members are thermally-broken using an insulating separator between interior and exterior surfaces. Vertical Door Stiles and Top Rails are 4" wide x 1-3/4" deep and match Tubelite Medium Stile Entrances. Bottom Rails are 10" for ADA compliance.

Price includes Basic Door with standard glass stops for 1" glass, without any hardware. Frame price includes door stops and transom stops, if any. Blank doors are available in any size up to 4'0" x 8'0". ADD modifications and any hardware as required. See Section C2

#### Blank Doors - Medium Stile\* 4" Vertical Stiles, 4" Top Rail, 10" Bottom Rail



##### Single Door

3'0" x 7'0" Maximum **TMS3684\_** **\$ 1,071**

4'0" x 8'0" Maximum **TMS4896\_** **\$ 1,340**

##### Pair of Doors

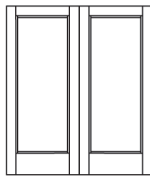
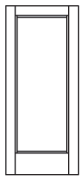
6'0" x 7'0" Maximum **TMS7284\_** **\$ 2,042**

8'0" x 8'0" Maximum **TMS9696\_** **\$ 2,429**

Note: The following hardware items will not function with Tubelite Thermal-Block doors  
 Concealed Overhead Door Closers, Center Pivots, Offset Arms, Mid-panel Panic Exit Devices.

Doors and Frames can be ordered with different interior and exterior finishes. Pricing by quotation only.

#### Blank Doors - Wide Stile\* 5" Vertical Stiles, 5" Top Rail, 10" Bottom Rail



##### Single Door

3'0" x 7'0" Maximum **TWS3684\_** **\$ 1,282**

4'0" x 8'0" Maximum **TWS4896\_** **\$ 1,623**

##### Pair of Doors

6'0" x 7'0" Maximum **TWS7284\_** **\$ 2,588**

8'0" x 8'0" Maximum **TWS9696\_** **\$ 3,039**

Note: The following hardware items will not function with Tubelite Thermal-Block doors  
 Concealed Overhead Door Closers, Center Pivots, Offset Arms, Mid-panel Panic Exit Devices.

Doors and Frames can be ordered with different interior and exterior finishes. Pricing by quotation only.

### Glass Stops



E6222 / E6222  
 1" Glass Stops

##### Single Door

1" Glass **TG2**

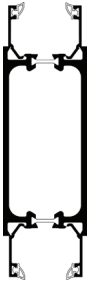
##### Pair of Doors

1" Glass **TG4**

**(Included in Blank Door Price)**

\*A special rabbeted vertical stile is available for use with Continuous Hinges. See the Glass Size section for assistance.

**Mid Rails** (per Leaf or pair as noted)



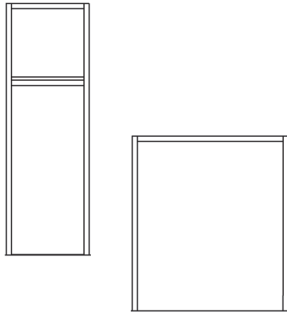
4" A625454 Mid Rail with E6222 1" Glass Stops

Single Door	<b>TDMR625454</b>	<b>\$150</b>
Pair of Doors	<b>TDMR625454P</b>	<b>\$300</b>

**Custom Thermal Doors & Frames - Options**

Illustration	Modifications & Description	Part Number	List Price
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**Blank Frames - 14000 Series 2" x 4 1/2"** (Door Stops, Transom Stops & Threshold Included)



<b>Single Door Frame (Jamb Fillers not included - purchase separately)</b>		
3'0" x 7'0" Maximum	<b>TF36842</b>	<b>\$ 748</b>
Up to 4'0" x 8'0" Maximum	<b>TF48962</b>	<b>\$ 810</b>
Tubular Frame ADD	<b>TTH15</b>	<b>\$ 374</b>
Up to 4'0" x 12'0" with Transom	<b>TFT481442</b>	<b>\$ 1,338</b>
Tubular Transom Frame ADD	<b>TTH16</b>	<b>\$ 644</b>

<b>Pair of Doors Frame (Jamb Fillers not included - purchase separately)</b>		
6'0" x 7'0" Maximum	<b>TF72842</b>	<b>\$ 879</b>
Up to 8'0" x 8'0" Maximum	<b>TF96962</b>	<b>\$ 988</b>
Tubular Frame ADD	<b>TTH17</b>	<b>\$ 374</b>
Up to 8'0" x 12'0" with Transom	<b>TFT961442</b>	<b>\$ 1,751</b>
Tubular Transom Frame ADD	<b>TTH18</b>	<b>\$ 644</b>
Modification for 14000 I/O Frame	<b>TFI01</b>	<b>\$150</b>

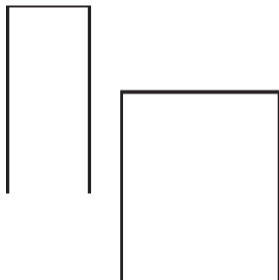
**A626667 Curtainwall Subframe - 1" x 4 1/2"** (Requires Short-throw lock P1422)

<b>Single Door Frame</b>		
3'0" x 7'0" Maximum	<b>TFS36842</b>	<b>\$748</b>
Up to 4'0" x 8'0" Maximum	<b>TFS48962</b>	<b>\$ 810</b>
<b>Pair of Doors Frame</b>		
6'0" x 7'0" Maximum	<b>TF72842</b>	<b>\$ 879</b>
Up to 8'0" x 8'0" Maximum	<b>TF96962</b>	<b>\$ 988</b>

Doors and Frames can be ordered with different interior and exterior finishes. Pricing by quotation only.

**Blank Frames - E4TB11 Curtainwall Subframe - 3/4" x 4-1/2"**

Note: Dimensions are Door Opening.  
 Door Stops, Transom Stops, Threshold are included.



<b>Single Door Frame</b>		<b>Base Frame</b>	<b>Frame</b>
Refer to standard frame modification number and charge for special sizes. Combine that part number with this one.		<b>Modification #</b>	<b>List Price</b>
3'0" x 7'0" Maximum	<b>TSF3684</b>		<b>\$313</b>
Up to 4'0" x 9'0" Maximum	<b>TSF48108</b>		<b>\$328</b>
<b>Pair of Door Frames</b>			
6'0" x 7'0" Maximum	<b>TSF7284</b>		<b>\$328</b>
Up to 8'0" x 9'0" Maximum	<b>TSF96108</b>		<b>\$370</b>

\*A special rabbeted vertical stile is available for use with Continuous Hinges. See the Glass Size section for assistance.

### Glass Stops for 1" Infill Transom Frame



E6221 / E6221  
Transom Bar Stops

**Single Door Frame Transom Glass Stops**  
 Up to 4'0" x 12'0" Maximum Overall Frame Size  
**TTS3 (Included in Blank Frame Price)**

**Pair of Doors - Frame Transom Glass Stops**  
 Up to 8'0" x 12'0" Maximum Overall Frame Size  
**TTS4 (Included in Blank Frame Price)**

### Door Stops

Standard for Butt Hinges or Offset Pivots with 3/16" Reveal



E6220 (includes P1098A)  
1/2" x 1 3/32"

**Single Door Frame**  
 Up to 4'0" x 8'0" Maximum  
**TDS1 (Included in Blank Frame Price)**

**Pair of Doors Frame**  
 Up to 8'0" x 8'0" Maximum  
**TDS2 (Included in Blank Frame Price)**

Note: For Door Closers see Section F1.

### Custom Thermal Doors & Frames - Options

Illustration	Modifications & Description	Part Number	List Price
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#### Thresholds

Thermal Threshold T6250



Each

**TTHD1**

**(Included in Blank Frame Price)**

#### Weathersweeps



Concealed Screw Weathersweep  
 (field applied only)  
 (Use Section F1 multiplier)

35-7/8" long	<b>P1275</b>	<b>\$ 27</b>
41-7/8" long	<b>P1276</b>	<b>\$ 31</b>
48" long	<b>P1277</b>	<b>\$ 47</b>

#### Element Inhibitor (used on door Top and Bottom Rails)



**P6240** Rigid PVC cap for sealing the top and bottom door rail cavity.  
 (included with door)

#### Frame Pocket Filler (use with open-back door frames)



**T6251** Thermally improved snap-in pocket filler. 13'0". **\$ 90**

## Custom Thermal Doors & Frames - Glass Sizes

Glass sizes are based on the use of a Tubelite standard threshold, top rail, and bottom rail. Contact a Tubelite manufacturing facility for assistance in determining glass sizes for non-standard doors.

### Standard Size Doors Glass Sizes 1" Glass

Medium Stile		Wide Stile	
Door Size	Glass Size for Butt Hinges/Offset Pivots & Continuous Hinges	Door Size	Glass Size for Butt Hinges/Offset Pivots & Continuous Hinges
<b>D 36</b>	3'-0" x 7'-0" (1) 26 13/16" x 68 7/16"	<b>D 36</b>	3'-0" x 7'-0" (1) 24 13/16" x 67 7/16"
<b>D 42</b>	3'-6" x 7'-0" (1) 32 13/16" x 68 7/16"	<b>D 42</b>	3'-6" x 7'-0" (1) 30 13/16" x 67 7/16"
<b>D 60</b>	5'-0" x 7'-0" (2) 20 13/16" x 68 7/16"	<b>D 60</b>	5'-0" x 7'-0" (2) 18 13/16" x 67 7/16"
<b>D 72</b>	6'-0" x 7'-0" (2) 26 13/16" x 68 7/16"	<b>D 72</b>	6'-0" x 7'-0" (2) 24 13/16" x 67 7/16"

### Custom Size Doors - 1" Glass (D.O. = Door Opening)

Medium Stile		Wide Stile	
	Glass Size for Butt Hinges/Offset Pivots & Continuous Hinges		Glass Size for Butt Hinges/Offset Pivots & Continuous Hinges
<u>Height</u>	Single /Pairs = D.O. - 15 9/16"	<u>Height</u>	Single /Pairs = D.O. - 16 9/16"
<u>Width</u>	Single = D.O. - 9 3/16"	<u>Width</u>	Single = D.O. - 11 3/16"
<u>Width</u>	Pairs = [D.O. ÷ 2] - 9 3/16"	<u>Width</u>	Pairs = [D.O. ÷ 2] - 11 3/16"

### Standard Doors with Top or Bottom Rail Substitutions

To determine glass sizes for doors with top or bottom rail substitutions, deduct the difference between the standard rail face dimension and the face dimension of the one substituted from the standard glass size. Listed below are the standard top and bottom rail dimensions (rail only, no glass stops):

Door	Top Rail	Bottom Rail	Vertical Stile
<b>Medium Stile</b>	4"	10"	4"
<b>Wide Stile</b>	5"	10"	5"

### Clearances

<b>Single Door</b> - Butt Hinges/Offset Pivots & Continuous Gear Hinges	1/16" @ Hinge Stile	1/8" @ Lock Jamb
<b>Pairs of Doors</b> - Butt Hinges/Offset Pivots & Continuous Gear Hinges	1/16" @ Hinge Stile	1/8" @ Meeting Stile

### Transom Glass - 1" Glass (D.L.O. = Daylight Opening)

<u>Height</u>	Single /Pairs = D.L.O. + 3/4" max.
<u>Width</u>	Single/Pairs = D.L.O. + 3/4" max.

Glass size = Daylight Opening plus 3/4" maximum. Critical dimension.

Note: Transom areas use snap-in stops at the jambs, and a removable stop at the head. Always measure from the gasket reglet, not necessarily from the edge of main members.

\*Note: All entrance doors and/or adjacent sidelites should use tempered or laminated safety glass. Please check local or state codes governing the use of glass in entrances to determine the exact location and type of safety glass required.

