



PRODUCT SPECIFICATIONS  
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## 780-224

Concealed Leaf 1-3/4" Doors Case Pack w/ Drill  
Quick fasteners Must Order Case Quantity

### Applications

Lead lined model for hospital x-ray room doors with double row of fasteners to straddle lead (specify "LL")  
Door edge protection lip  
Frame leaf alignment rib for proper hinge and door location  
3/32" (2 mm) inset



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**Clearance:**

5/16" (8 mm) hinge side  
Plus standard lockside clearance

**Door Reinforcement:**

None required to 200 lbs. Heavier weight use 16-gauge channel.

**Electric Modifications:**

Power Transfer Preparation (EPT 2) or (EPT 10)  
Exposed Electric Contacts (E)  
Exposed Electric Switches (E1S)  
Electric Through-Wire (ETW)  
Electric Monitoring (EMN)  
Electric Through-Wire and Monitoring (ETM)

**Fasteners:**

Standard: Dril-Kwik® – #12-24 X 11/16" Flat Head Screws  
Optional: 1/2 Dril-Kwik® Screws, 1/2 wood Screws  
Additional Options Available upon request

**Features:**

Standard duty for medium frequency doors. Heavy duty for high frequency doors or heavy, medium frequency doors. All for doors 1-3/4" (44 mm) thick.  
Lead lined model for hospital x-ray room doors with double row of fasteners to straddle lead (Specify "LL")  
Door edge protection lip  
Frame leaf alignment rib for proper hinge and door location  
3/32" (2 mm) inset hinge and door location

**Finishes:**

CLR, DBZ, BLK

**Fire Rating:**

Up to 3-hour metal and 90 minute wood composite (with studs)

**Frame Reinforcement:**

None required to 200 lbs. Heavier weight use 16-gauge channel.

**Length:**

79", 83", 95"

**Length Options:**

Standard and Custom

**Material:**

Aluminum 6063-T6

**Notes:**

EPD: Roton Continuous Hinges Environmental Product Declaration

**Options:**

Hospital Tip  
TIPIT® (see Roton accessories)

**Warranty:**

All Roton products have a lifetime warranty. When ordering electric Roton, the electric portion of the hinge has a one-year warranty.