



## 780-111HD

### Concealed Leaf Heavy Duty

#### Applications

Lead lined model for hospital x-ray room doors with double row of fasteners to straddle lead (specify "LL")  
Frame and door leaf alignment ribs for proper hinge and door location  
1/8" (3 mm) inset



#### PRODUCT SPECIFICATIONS

##### 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),  
Removable Electric Through-Wire (RETW)

##### Fasteners:

#12-24 X 11/16" Flat Head Self-Drill fasteners  
1/2 Dril-Kwik® fasteners, 1/2 wood fasteners

##### Features:

Standard duty for medium frequency doors. Heavy duty for high frequency doors or heavy, medium frequency doors.  
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##### Fire Rating:

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

##### Firmware Upgrades:

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

##### Flattened Round Bolt Head:

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

##### Flattened Square Bolt Head:

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.

##### H Length:

79", 83", 85", 95", 119"

##### 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.