



PRODUCT SPECIFICATIONS
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780-224HD

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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Certifications:

Conforms to ANSI A156.26 for A31011G

Clearance:

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

Conforms To:

ANSI A156.26 for A31011G

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:

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)

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.

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.