FULL SURFACE HINGES

- Any Door Material
- Heavy Duty for high frequency 1 3/4" doors or heavy medium frequency doors up to 450lbs.
- 317FS (Heavy Duty), 417FS (Heavy Duty), 517FS (Heavy Duty)

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LENGTH</th>
<th>SCREW COUNT</th>
<th>CLEARANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>317FSC-83</td>
<td>83</td>
<td>19</td>
<td>1/32&quot; (1mm) minimum recommended for hinge side plus standard lockside clearance</td>
</tr>
<tr>
<td>317FSC-95</td>
<td>95</td>
<td>20</td>
<td>1/32&quot; (1mm) minimum recommended for hinge side plus standard lockside clearance</td>
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<tr>
<td>317FSC-120</td>
<td>120</td>
<td>26</td>
<td>1 5/8&quot; (41mm) minimum frame face required plus 3/16&quot; (5mm) rotational clearance</td>
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<tr>
<td>417FSC-83</td>
<td>83</td>
<td>19</td>
<td>1/32&quot; (1mm) minimum required between doors</td>
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<td>417FSC-95</td>
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<tr>
<td>517FSC-83</td>
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</tbody>
</table>

*Note: First 3 numbers = (Product #), FS = (Full Surface), C or D = (Finish), 83, 95 & 120 = (Length)

FASTENERS: (Self-Tapping Screws)
- FRAME PORTION
  - All fasteners as No. 12-24 x 1/16" Type C, FHUC
  - Heavy Duty Hinges - 10 required for each leaf
- DOOR PORTION
  - Throbolt 1/4-20 x 1 5/8" PCH
  - Heavy Duty Hinges - 6 required for each leaf
  - Shoulder bolt 1/4 - 20 x 1 1" PCH
  - Heavy Duty Hinges - 6 required
  - Pan Head Self Drilling No. 12 x 3/4"
  - Heavy Duty Hinges - 4 required

LENGTH OPTIONS: 83", 95" & 120"

DOOR REINFORCEMENT:
- None needed

FRAME REINFORCEMENT:
- None needed to 200 lbs
- Use 16 gauge channel over 200 lbs

FIRE RATING:
- Up to 3 Hours

SPECIAL FEATURES:
- Replacement for existing doors and frames
- 7/8" minimum frame
- 1/16" inset

STANDARD FINISHES:
- C (Clear Anodized Aluminum), D (Duro Anodized Aluminum)

SPECIAL ORDER FINISHES:
- PW (Painted White), G (Gold Anodized Aluminum), BL (Black Anodized Aluminum)