What STC values are available for hard enclosures?

<table>
<thead>
<tr>
<th>Come 3 ways (thickness)</th>
<th>2”</th>
<th>4”</th>
<th>6”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Related STC Values</td>
<td>26</td>
<td>42</td>
<td>52</td>
</tr>
</tbody>
</table>

- **STC value**
  - Ability of an enclosure to attenuate noise from inside
- Hard enclosures when built properly around a machine can reduce noise to approximately 42 DB

How are hard enclosures manufactured?

- Tongue and groove construction
- Solid sheet metal on the outside with perforated metal on the inside
- Loaded with mineral wool insulation
- Sound dissipates inside the panel
- Ability to cut around electrical outlets for access to power, lighting, and other mechanical functions
- Seal gaps with barrier or curtain material to over any remaining openings of gaps to eliminate spaces where noise can escape
- Hard Enclosures come with or without doors
- Could come available up to 20’ tall; large enough to drive a vehicle into if required
- Can do first and second floor enclosures
- Sky is the limit! Custom made to fit every application
- Hard Enclosures are the best on the market

What color options are hard enclosures available in?

- Hard Enclosures come in every RAC color option available

**SOFT ENCLOSURES**

How are soft curtain enclosures manufactured?

- Barrier Backed
ENCLOSURES – HARD, SOFT CURTAIN, PLASTIC & CUSTOM FAQ

- BB (barrier backed) rated for 350 degrees F
  - Barrier Septum
  - Has material/barrier in the middle Can be made in any custom size
  - Mostly used to wrap electric motors for pumps
  - Designed and built with using a track system for easy maneuvering and access in and out of enclosure when required
  - Can be used anywhere you need to attenuate noise

What STC values are achievable with soft enclosures?

- Comes with Velcro attachments
- 20 – 25 STC

ABS PLASTICS, ETC. - CUSTOM ENCLOSURES

What STC values are achievable with soft enclosures?

- 26 STC or greater is possible to achieve

How are plastic custom enclosures manufactured?

- Wall mineral thickness can be ¼” – 1”
- Use around small pumps/motors
- Made for quick access
- Clear plastic
  - Clear view panels allow someone to see inside the enclosure
- Made for single entity use not entire operations
- Plastic enclosures come in dozens of colors

CUSTOM ENCLOSURES - PERFORATED SHEET METAL

How are custom enclosures manufactured?

- Perforated sheet metal in 28 gauge / 5’ sheer in back
  - Can build around machines
  - STC and NRC varies
  - Can put barrier in middle
- Foam panel in middle
- Can be powder coated in any of the RAL colors
ENCLOSURES – HARD, SOFT CURTAIN, PLASTIC & CUSTOM

FAQ

- Can design and engineer, supply, install for all chambers/applications etc.
  - Can improve existing enclosures to bring up to existing rising standards
    - Can retrofit