

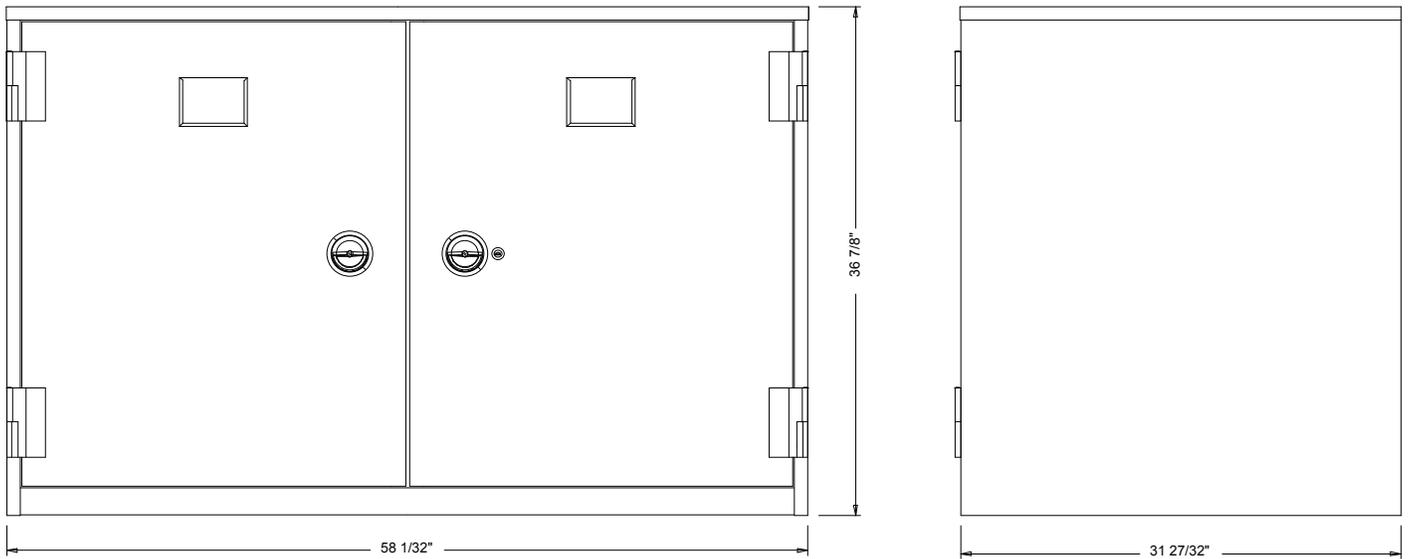
GEOLOGY SPECIMEN CASE SPECIFICATIONS

<h2 style="margin: 0;">MODEL GLC</h2> <p style="margin: 0;"><i>Technical Data Sheet</i></p>
--

◆ Dimensions	GLC Case Size: 58" Wide X 32" Deep X 36-7/8" High
◆ Construction	Outer case - Sides shall be 20 gauge cold rolled steel full height; one piece with rear and bottom edges formed into a single 7/8" flange; front edge formed into a full height channel frame 1" wide with a 7/8" reinforcing flange.
◆ Back	Back - Shall be 20 gauge cold rolled steel; shall be full height of cabinet, one piece, with bottom edge formed with a 7/8" flange. Back shall be spot welded to top, bottom and both sides at 3" intervals.
◆ Top	Top - Shall be 18 gauge cold rolled steel; one piece with rear and side edge formed with 1" flange. The front edge shall form into a full width channel frame 1" wide face with a 1 7/8" reinforcing flange. Reinforcement width shall be welded to the inside top running full width. Top shall be spot welded at 6" intervals.
◆ Base	Base - Shall be 20 gauge cold rolled steel; flush type spot welded to bottom formation of sides and back. Front of base shall be formed into a continuous channel 2" tall. A reinforcement channel at 16 gauge shall be welded immediately back of the front base formation.
◆ Inside	Inner case sides - Interior sides shall be 18 gauge; be full height and depth of the interior of the cabinet; fusion welded 16 gauge door frame to increase the strength and rigidity of the case at the door opening.
◆ Front Edge	Front Edge - Shall interlock with the front edge of the outer case sides and rear edges, and welded to same.
◆ Rear Edge	Rear Edge - Of interior side panel shall be formed into an angle which shall be welded to the side of the cabinet.
◆ Tray Guides	Tray Guides - Shall be 18 gauge U-Channels on 1" centers to permit 1" adjustment into panels; 18 gauge running full depth with guides.
◆ Door	<p>Door - Shall be 20 gauge and assembled from the following components, spot welded at 6" intervals. Door shall be gas welded on corners.</p> <p style="margin-left: 20px;">a. Door outer pan shall be full height with all edges formed inward 1" with 13/32" channel flange.</p> <p style="margin-left: 20px;">b. "Saddle" type reinforcement 5" wide, running full height from top to bottom shall be spot welded to interior.</p>
◆ Gasket	The door opening is sealed with a continuous air filled silicone gasket that is held in place mechanically (no adhesives). This gasket system was developed for the National Park Service and is used on all Steel Fixture cases furnished to that agency. It is tops for long term, air-tight, dust-tight, light-proof protection combined with proven resistance to fumigants and commonly used chemicals. If damaged, the gasket can be replaced with ordinary hand tools.
◆ Hinges	Hinges - Shall be 13 gauge "slip type" and spot welded to the outer door pan and cabinet front frame, permitting easy removal of the door when swung open to 45 degrees. Overall hinge side shall be 3" x 5", with not less than 1 1/2" pin engagement in each leaf. Two (2) hinges per door.
◆ Lock	Locking Mechanism - Shall consist of two (2) vertically beveled steel channels, tapered top and bottom for easy engagement into slots provided in outer case frame, operated by heavy duty flush handles. Paracentric keyed locks are standard.
◆ Label Holder	Label Holder - 3 9/16" x 4 15/16" shall be located in upper portion of the door.
◆ Handles	Flush "D" ring handles are standard, "L" handles are optional.

<p>◆ Hardware</p>	<p>Each door is supported with heavy duty lift-off hinges and closed tightly with beveled steel channels engaging latch plates at the head and sill. The channels are operated by flush, heavy duty D-ring handles. These handles are more durable and safer than "old style" handles because they do not project, and their large size provides a more powerful closing action for gasket compression. The right hand door handle engages the left hand door to compress the astragal gasket as well as having a keyed paracentric lock which effectively locks both doors. The flush handles will also conserve valuable space if the cases should ever be placed on mobile platforms for high-density compact storage.</p>
<p>◆ Finish</p>	<p>All corners rounded; exposed edges shall be deburred.</p> <p>All materials in the case are power washed, phosphatized, sealed and rinsed. Surfaces are finished with non-reactive solvent-free powder coating which is electrostatically applied and baked to a hard finish.</p> <p>It has no off-gassing of formaldehyde and organic acid as compared to the solvent base paints.</p> <p>We feel this is the best metal preparation and finish that can be provided.</p>
<p>◆ Center Partition</p>	<p>The Center Partition is designed so it can be installed or removed in the field.</p> <p>Upright panels constructed of not less than 18 ga. steel, welded to channels at front and back for support and with 16 ga. drawer glides welded to each panel.</p> <p>Center upright panels have flanges which are bent outward for attachment to channels inside the top and bottom of case.</p> <p>With the Center Partition centered and installed in the case it will allow the GL trays to be inserted into the GL-C cabinet.</p>
<p>◆ Accessories</p>	<p>Trays - 20 gauge; 54" x 29 3/4" x 1-3/4" (full width) and 24-15/16" x 29 3/4" x 1-3/4" (half width); finish and construction to match above cabinets.</p> <p>Pull-Out Shelves - 18 gauge with 16 gauge supports, full width or half width.</p> <p>Cover Shelves - 18 gauge with 16 gauge supports.</p> <p>Half Height Center Dividers - 18 gauge uprights with 16 gauge drawer glides can be installed to support half-width accessories; fitting under the Cover Shelf.</p>
<p>◆ Adaptability</p>	<p>Any, or all, of the following accessories can be installed in the GL-C Specimen Case:</p> <ol style="list-style-type: none"> 1. Drawers, full width - <ol style="list-style-type: none"> a. box, 1-3/4" high (2" spacing) b. box, 2-3/4" high (3" spacing) c. box, 3-3/4" high (4" spacing) d. roll storage rack, 3-3/4" high (4" spacing) e. roll storage rack, 5-3/4" high (5" spacing) 2. Drawers, half width - <ol style="list-style-type: none"> a. box, 1-3/4" high (2" spacing) b. box, 2-3/4" high (3" spacing) c. box, 3-3/4" high (4" spacing) 3. Shelves - Pull Out, Full Width or Half Width 4. Full Width Cover Shelf with Half-Height Center Divider. 5. Filter vents can be installed in each door.
<p>◆ Guarantee</p>	<p>Defects in design, materials or workmanship that occur within seven (7) years of completion date shall be remedied by the manufacturer at no expense to the owner.</p>

Model GLC



Steel Fixture's MUSEUM LINE Products



SINCE 1907

THE STEEL FIXTURE MANUFACTURING COMPANY

612 S.E. 7th St.

sales@steelfixture.com

Topeka, Ks. 66607-1109

785-233-8911

800-342-9180

Fax: 785-233-8477