

SECTION 10 51 26
PLASTIC LOCKERS

PART 1 - GENERAL

1.1 SECTION INCLUDES

Solid plastic lockers.

1.2 RELATED SECTIONS

Color of Finish: Section 09 06 00 SCHEDULE FOR FINISHES.

1.3 SUBMITTALS

- A. Product Data: Manufacturer's data sheets for each type of product indicated include fabrication details, description of materials and finishes.
- B. Shop Drawings: Include overall locker dimensions, floor plan, elevations, sections, details, and attachments to other work. Include choice of options with details.
- C. Samples for Selection: Furnish samples of manufacturer's full range of colors for initial selection.
- D. Installation instructions.
- E. Warranty: Sample of special warranty.
- F. Operation and Maintenance Data.

1.4 QUALITY ASSURANCE

- A. Regulatory Requirements: Where lockers are indicated to comply with accessibility requirements, comply with the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA) and Architectural Barriers Act (ABA) Accessibility Guidelines for Buildings and Facilities".
- B. Source Limitations: Obtain lockers and accessories from single source from single manufacturer.

1.5 PROJECT CONDITIONS

- A. Do not deliver plastic lockers to the site until the building is enclosed and HVAC systems are in operation. Deliver plastic lockers in manufacturer's original packaging. Store in an upright condition. Protect plastic lockers from exposure to direct sunlight.

- B. Field Measurements: Verify actual dimensions of recessed openings by field measurements before fabrication.
- C. Ship plastic lockers fully assembled.
- D. Lift and handle plastic lockers from the base not the sides.

1.6 WARRANTY

- A. Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of plastic lockers that fail in materials or workmanship within a (2) year period from date of substantial completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Basis-of-Design Manufacturer: Subject to compliance with requirements, provide products of Bradley Corporation, Menomonee Falls, WI 53051, (800)272-3539, fax (262)251-5817; Email info@BradleyCorp.com; Website www.bradleycorp.com.
 - 1. Provide basis of design products or comparable products of one of the following approved manufacturers:
 - a. Hallowell; Aquamax Solid Plastic Lockers
 - b. Scranton Products; Tufftec Healthcare Lockers
 - c. Submit requests for substitution in accordance with Instructions to Bidders and Division 01 General Requirements.

- B. MATERIALS

- 1. High Density Polyethylene (HDPE): polyethylene thermoplastic formed under high pressure into solid plastic components.
 - 2. Stainless-Steel Sheet: ASTM A 666, Type 304.
 - 3. Fasteners: Stainlesssteel Tamper-Resistant Fasteners.

2.2 MULTI-HEIGHT LOCKERS

- A. Basis-of-Design Product: Bradley LENOXZLOCKERS.
- B. Locker Configurations: Multiple height double tier units with full-height garment and half-height accessory storage compartments.
- C. Locker Dimensions
 - 1. Height, Nominal: 1829 mm (72 inch).
 - 2. Width: 381 mm (15 inch).
 - 3. Depth: 457 mm (18 inch).
- D. Material: HDPE plastic.

- E. Sides, Tops, Bottoms, Dividers, and Shelves: 10mm (3/8 inch) thick HDPE plastic with smooth finish.
- F. Locker Tops: Flat top.
- G. Doors: Fabricate from a single piece 13mm (1/2 inch) HDPE plastic.
 - 1. Doors and Frame: 13 mm (1/2 inch) thick HDPE plastic with matte texture finish with ventilation slots.
 - 2. Handle: ADA/ABA-compliant handle fabricated from injection molded plastic.
 - 3. Locks: Standard hasp.
 - a. Padlock: Lock by Owner.
 - 4. Hinges: Continuous piano hinges, 1.3 mm (.05 inch) thick type 304 stainless steel fabricated to wrap around edges of door and frame and attached with stainless steel tamper-resistant screws.
 - a. Finish: Powder coated to match color of locker.
 - 5. Latching Bar: Full-height latch bar constructed of 13 mm (1/2 inch) HDPE plastic secured to locker with stainless steel tamper-resistant screws.
- H. Accessories:
 - 1. Coat Hooks: One double prong per locker.
 - 2. End Panels: 10 mm (3/8 inch) thick, with color and finish matching locker body.
 - 3. Filler Panels: 13 mm (1/2 inch) HDPE filler panel, with color and finish matching locker body.
 - 4. Wall Hooks: Two per locker.
 - 5. Number Plate: Black painted aluminum with silver numbers. Provide one per locker.

2.3 LOCKER FABRICATION

- A. Fabricate locker box from a single sheet of HDPE solid plastic with corners fused together. Weld frames and shelves to box assembly. Provide all welded construction of locker parts without dovetail slots or metal fasteners. Add welded gussets in single tier full height lockers.
- B. Center Dividers: Full-depth, vertical partitions between bottom and shelf; finished to match lockers.
- C. Hardware Attachment: All hinges, handles, hasps, hooks, latch bars, and locks attached with tamper-resistant screws.

- D. Provide ventilated panels where indicated.
- E. Filler Panels: Fabricated in unequal leg angle shape; finished to match lockers.
- F. Finished End Panels: Fabricated with 9.5 mm (3/8 inch) wide edge dimension, configured to conceal fasteners and holes at exposed ends of plastic lockers.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install lockers in climate controlled environment, shielded from direct sunlight.
- B. General: Install on floor or other firm support. Install level, plumb, and true.
 - 1. Position locker base per approved shop drawing. Using fasteners provided by manufacturer, anchor base sections to the floor.
 - 2. Attach filler pieces to lockers with male-female sex bolts.
 - 3. Position first locker according to submittal layout. Square and plumb the locker using concealed shims. Secure the locker to the wall at the top and bottom of the locker. Position second locker next to first, square and plumb to align the tops and bottoms; and temporarily clamp lockers together. Drill four holes through the sides of the lockers and connect lockers using sex bolts provided by manufacturer.
- C. Accessories: Fit exposed connections of trim, fillers, and closures together to form tight, hairline joints, with concealed fasteners and splice plates furnished by locker manufacturer. Install as indicated on approved shop drawings.
 - 1. Coat Hooks: Attach with at least two fasteners.
 - 2. Identification Plates: Identify plastic lockers with approved identification numbers. Attach plates to each locker door.
 - 3. Filler Panels: Attach with concealed fasteners.
 - 4. Finished End Panels: Attach at ends indicated.

3.2 FINAL CLEANING

- A. Clean, lubricate, and adjust hardware. Adjust doors and latches to operate easily without binding.
- B. Protect lockers from damage, abuse, dust, dirt, stain, or paint. Do not permit use during construction.

- C. Repair marred finishes, or replace lockers that cannot be restored to factory-finished appearance. Use only materials and procedures recommended or furnished by locker manufacturer.
- D. Clean locker interior and exterior surfaces.

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