

Division 1 – General

1.01 Section Includes:

- A. Full Assembled High Density Polyethylene Lockers
- B. High Density Polyethylene Benches

1.02 References:

- A. Americans with Disabilities Act – Accessibility Guidelines.

1.03 Shop Drawings, Material Data, Samples, and Product Data (Submittals)

- A. Submit under provisions of 01 33 00.
- B. Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation procedures.
- C. Shop Drawings, include the following:
 - 1. Dimensioned Drawings – plans, elevations, and sections to illustrate locker placement and interfaces with neighboring materials.
 - 2. Specifics of assembly requirements.
- D. Selection Samples: For each finish individual product, two comprehensive sets of color chips which represent the manufacturer's full range of existing colors and finishes.

1.04 Storage, Distribution, and Handling

- A. Store products in unopened manufacturer's packaging until prepared to install.
- B. Shield locker and adjacent surfaces from damage.

Division 2 – Products

2.01 Manufacturers

- A. Acceptable Manufacturer: Jorgenson Lockers, which is located at: 1239 S. 700 W., Salt Lake City, UT 84104; Tel: 800-952-0151; Fax: 801-493-0158; Email: quotes@jorgensonlockers.com; Web: www.jorgensonlockers.com
- B. These specifications shall be regarded as minimum. Lockers constructed of other materials, or material with a core and not of solid HDPE plastic, will not be acceptable.
- C. Substitutions: Not Permitted.
 - a. 10 51 26-2
- D. Appeals for substitutions will be considered in accordance with requirements of Section 01 25 00.

2.02 Materials

- A. Sides, shelves, tops, and bottoms must be fabricated from polymer resins formed under high pressure to solid plastic components 3/8" thick with identical color.
- B. Doors must be fabricated from polymer resins formed under high pressure to a solid plastic component ½ inch thick with identical color.

- C. Door frames must be fabricated from polymer resins formed under high pressure to a solid plastic component ½" thick with identical color.
- D. Material Testing: All solid plastic components must repel deterioration and discoloration when subjected to the following chemicals:

Acetic Acid	8-% Borax Hydrochloric
Acid 40%	Soaps
Ammonium Phosphate	Citric Acid
Hydrogen Peroxide 30 %	Potassium Bromide
Acetone	Caustic Soda
Isopropyl Alcohol	Trisodium Phosphate
Bleach 12%	Copper Chloride
Lactic Acid	Sodium Bicarbonate
Ammonia Liquid	Chlorine Water
Nicotine	Urea & Urine Brine
Core Oils	Lime
Sulfur	Vinegar

(Testing is in agreement with corrosion-testing procedure established by the United States of Plastic Corporation)

2.03 Fabrication

- A. Construct locker pieces square and rigid. Finish must be free from scratches and chips.
- B. Locker must ship fully assembled, requiring only attachment of interior accessory items. Lockers requiring assembly on site are not permitted.
- C. Separate solid plastic components will be secured using perimeter dado routing. This provides a continuous and solid joint that slides together for assembly.
- D. Locker sides and backs shall form a one-piece unit constructed from a single and continuous sheet of solid plastic. This should require no hardware. Door frames must be bonded to locker bodies using plastic welding process.
- E. Lockers with Doors:
 - 1. Continuous spring-loaded latch mechanism must provide a vertical finger lift. Must be capable of accepting a padlock and is firmly attached to the door. Latch mechanism shall be attached to the length of the door, providing a continuous security latch.
 - 2. Door hinge must be continuous and incorporate into the full length of the door and main locker body, with no metallic knuckles or pins.
 - 3. Ventilation:
 - A. Pattern of six horizontal slots in upper and lower ranges of door
 - B. Solid door with no perforations, high security
 - C. Diagonal mesh diamond pattern
 - D. Pattern of round ventilation holes in upper and lower ranges of door
- F. Open Front Cubby Lockers:
 - 1. Face frame shall incorporate horizontal members, separating each compartment.
 - 2. External edges of the perimeter of the opening shall be radiused.
- G. Stadium Lockers:

1. Face frame must include a horizontal member which separates the upper compartment from the lower main storage.
 2. Upper door must be able to accept a standard locker padlock.
 3. Lower foot locker must be able to accept a standard locker padlock.
- H. Coat Hooks:
1. Must be made from steel, zinc-plated in order to resist corrosion.
 2. Must be attached to middle shelves at the locker sides using hardware supplied by the manufacturer. Provide two per opening on 12" and 15" wide single, double, and triple tier openings.
 3. Two additional hooks are supplied at the rear of 18" wide lockers.
- I. Finish:
1. Tops, bottoms, shelves, and side walls must be slightly textured in order to reduce marring in the regular white color.
 2. Doors have a slightly textured finish in order to reduce marring. Must be selected from the manufacturer's standard colors.
- J. All lockers with doors 12" and higher must have a vertical lift handle which requires no pinching, twisting, grasping, or lateral motion to disengage.
1. All lockers with doors must include a padlock attachment.
 2. Built-in lock options will replace padlock attachment.

2.04 Accessories

- A. Number Plates:
1. Provide each locker with a polished aluminum number plate, 2 ¼ inches (57 mm) wide by 1 inch (25 mm) high, with black numerals.
 2. Numerals must not be less than 3/8 inch (9.5 mm) high; attach to face of door with two aluminum rivets.
- B. Padlocks:
1. Master-keyed three-number dialing combination type padlocks; provide master key. Mechanism must be resistant to "shimming".
- C. Locks: Built-in flat key locks; master-key to same series.
- D. Locks: Built-in grooved key locks (pin tumbler). Master-key to same series.
- E. Locks: Built-in three-number dialing combination locks capable of at least five different combinations changes. Provide master key, combination change key, and combination control charts.
- F. Coin-Operated Locks:
1. Coin Return/Deposit Type
 - A. Token
 - B. One Quarter
 - C. Two Quarters
 2. Coin Collect/Pay Type with Cash Box
 - A. Token
 - B. One Quarter
 - C. Two Quarters

- G. Continuous recessed locker base must be constructed of 3 inch x ¾ inch HDPE providing a 3 inch high and deep toe-kick.
- H. Finished end panels must be fabricated of one piece of ½ inch thick HDPE and connected using hidden tamper resistant fasteners.
- I. Finished: Finished flat top panel must be fabricated using one piece of ½ inch thick HDPE and connected using concealed tamper resistant fasteners.
- J. Continuous Sloping Hood:
 - 1. Must be fabricated of 1/2 inch thick HDPE and connected using hidden tamper resistant fasteners.
- K. Locker room benches shall be constructed of single 9 ½ inch by 1 3/8 inch solid plastic section in the lengths required. Lengths greater than 120" shall be supplied in multiple sections.
- L. Anodized Aluminum Locker Bench Pedestal:
 - 1. Must have two 5/8 inch by 6 inch diameter mounting flanges securely welded to a 2 inch diameter center section and allow the use of four floor anchors per pedestal.

Division 3 – Execution

3.01 Examination

- A. Do not begin set-up until substrates and bases have been correctly prepared
- B. If substrate and bases are the responsibility of an alternative installer, notify Architect of unsatisfactory preparation before proceeding.

3.02 Installation

- A. Install lockers at locations shown, per agreement with manufacturer's instructions.
- B. Anchor lockers to wall studs or masonry through the locker back and to the floor. Lockers are joined side by side with non-corrosive tamper resistant fasteners.
- C. Install sloping tops, filler panels, and end panels using concealed fasteners. Provide even and flat hairline joints against neighboring surfaces.
- D. Set up benches by fastening bench tops to pedestals and firmly fastening to the floor using appropriate anchors for the floor material.
- E. Attach aluminum number plates using hardware provided by the manufacturer once the lockers are in place.

3.03 Cleaning and Adjusting

- A. Adjust doors and latches to function without binding. Confirm that latches are functioning acceptably.
- B. Adjust built-in locks to avoid binding of dial or key. This will keep operation smooth prior to substantial completion.

3.04 Protection

- A. Shield installed products until completion of task.

3.05 Warranty

- A. Locker manufacturer's 20-year limited warranty.
 - 1. Protects against delamination or breakage of any of the plastic components under normal use applies.
 - 2. Manufacturer's standard limited one year warranty against defects in material or workmanship also applies.