**SECTION 10 5126-03**

**SOLID PLASTIC LOCKERS**

This section includes editing notes to assist the user in editing the section to suit project requirements. These notes are included as hidden text, and can be revealed or hidden by one of the following methods:

Microsoft Word 2010: Display the FILE tab on the ribbon, click OPTIONS, then on left menu click on DISPLAY. Under ALWAYS SHOW THESE select or deselect HIDDEN TEXT.

Microsoft Word 2007: Click the Office button, select Word Options, select Display, then select or deselect the HIDDEN TEXT option.

Microsoft Word (earlier versions): From the pull-down menus select TOOLS, then OPTIONS. Under the tab labeled VIEW, select or deselect the HIDDEN TEXT option.

Corel WordPerfect: From the pull-down menus select VIEW, then select or deselect the HIDDEN TEXT option.

This master specification section has been prepared by Scranton Products for use in the preparation of a project specification section covering Tufftec solid plastic lockers and locker benches.

The following additional sections are available from Scranton Products covering their other products:

 06 6121 Solid Plastic Vanities

10 2116-01 Solid Plastic Toilet Compartments (Floor mounted, overhead braced)

10 2116-02 Solid Plastic Toilet Compartments (Floor-to-ceiling)

10 2116-03 Solid Plastic Toilet Compartments (Ceiling hung)

10 2116-04 Solid Plastic Toilet Compartments (Resistall)

10 2119 Solid Plastic Shower and Dressing Compartments

10 5126-02 Solid Plastic Lockers (Duralife)

The following should be noted in using this specification:

Hypertext links to specific websites are included after manufacturer names and names of organizations whose standards are referenced within the text, to assist in product selection and further research. Hypertext links are contained in parenthesis and shown in blue, e.g.:

 (www.scrantonproducts.com)

Optional text requiring a selection by the user is enclosed within brackets, e.g.: "Section [09 0000.] [\_\_\_\_\_.]"

Items requiring user input are enclosed within brackets, e.g.: "Section [\_\_\_\_\_ - \_\_\_\_\_\_\_\_]."

Optional paragraphs are separated by an "OR" statement, e.g.:

\*\*\*\* OR \*\*\*\*

Sustainable requirements are included for projects requiring LEED certification, and are included as green text. For additional information on LEED, visit the U.S. Green Building Council website at ([*www.usgbc.org*](http://www.usgbc.org)).

For assistance on the use of the products in this section, contact Scranton Products by calling 800-445-5148, by email at info@scrantonproducts.com, or visit their website at (www.scrantonproducts.com).

**PART 1 GENERAL**

* 1. SUMMARY
1. Section includes:
2. Solid plastic lockers [and locker room benches].
3. Related Sections:

1. Division 01: Administrative, procedural, and temporary work requirements.

2. Division 06: Rough carpentry.

1. References

1. UL – GREENGUARD certified low emitting materials.

2. ASTM - B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.

3. ASTM – A167 - Standard Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip.

1.2 SUBMITTALS

Limiting submittals to only those actually required helps to minimize liability arising from the review of submittals. Minimize submittals on smaller, less complex projects.

Include the following for submission of shop drawings, product data, and samples for the Architect's review.

A. Submittals for Review:

1. Shop Drawings: Include dimensioned layouts, elevations, trim, closures and accessories.

2. Product Data: Manufacturer’s descriptive data

3. Samples: [3 x 3] [\_ x \_] inch samples [showing available colors] [in each color].

Include the following for submission of sustainable design submittals.

B. Sustainable Design Submittals

1. Recycled Content: Certify percentages of post-consumer and pre-consumer recycled content.

2, Regional Materials: Certify distance between manufacturer and Project.

3. Indoor Air Quality: Certify low emitting materials.

1.3 QUALITY ASSURANCE

The following paragraphs specify minimum level of experience required of the parties performing the work of this section. Retain if required, and edit to suit project requirements.

A. Manufacturer Qualifications: Minimum [5] [\_] years of experience in manufacture of solid plastic lockers with products in satisfactory use under similar service conditions.

B. Installer Qualifications: Minimum [5] [\_] years of experience in work of this Section. [Certified installer through manufacturer’s installation certification program].

C. Indoor Environment Quality Certification: Provide certificate indicating that products have been certified under one of the following programs, or a comparable certification acceptable to Owner.

1. GREENGUARD Certification (formerly known as GREENGUARD Indoor Air Quality Certification)

2. GREENGUARD GOLD Certification (formerly known as GREENGUARD Children & Schools)

1.4 DELIVERY, STORAGE, AND HANDLING

A. Store in an upright condition. Protect plastic lockers from exposure to direct sunlight. This product is not intended for outdoor use.

1.5. WARRANTY

A. Provide manufacturer’s 25 year warranty against breakage, corrosion, and delamination under normal conditions.

**PART 2 PRODUCTS**

2.1 MANUFACTURERS

A. Contract documents are based on products by Scranton Products. ([www.scrantonproducts.com](http://www.scrantonproducts.com))

Edit the following to indicate whether or not substitutions will be permitted for the products in this section.

B. Substitutions: [Under provisions of Division 01.] [Not permitted.]

C. Materials

1. High Density Polyethylene (HDPE): polyethylene thermoplastic formed into solid plastic components with homogeneous color throughout, with smooth orange peel finish.

2. Heavy Duty Extruded Aluminum: B221, 6063-T6

3. Chromium Plated Steel: A167

Verify current recycled content with Scranton Products.

4. Recycled content: Minimum [25] [\_\_] percent.

Edit the following to suit project requirements.

5. Color: [\_\_\_\_.] [To be selected from manufacturer’s color range.]

2.2 STANDARD PLASTIC LOCKERS

A. Locker Configuration: [One tier] [Two tier] [Three tier] [Four tier] [Five tier] [Six Tier]

Two and four tier lockers are available in 48 inch, 60 inch and 72 inch heights. Three and five tier lockers are available in 60 inch and 72 inch heights. Six tier lockers are available in 72 inch height only.

B. Locker Dimensions:

1. Height, Nominal: [36 inch] [48 inch] [60 inch] [72 inch]

2. Width: [12 inch] [15 inch] [18 inch]

3. Depth: [12 inch] [15 inch] [18 inch]

C. Material: High density polyethylene (HDPE) plastic, [100 percent post-consumer recycled material].

Shelves are standard on single tier lockers and are located 12 inches from the top of the locker.

D. Sides, Tops, Bottoms, Backs, and Shelves: 3/8 inch thick HDPE plastic, grey finish.

1. Sides: 3/8 inch thick HDPE plastic, grey finish, [with horizontal side venting]

E. Locker Tops: [Flat top with grey finish] [Flat top finished in same color as locker door] [Slope top finished in same color as locker door]

F. Doors and Frame: ½ inch thick HDPE plastic

1. Doors: ½ inch thick HDPE plastic [with horizontal venting] [with lattice mesh venting] [with full lattice mesh venting]

2. Handle: ADA compliant ergonomic handle, injection molded plastic

Other lock options are available for locker preparation only; locks supplied by others.

Standard hasp works with 9/32” diameter shackle padlock only.

3. Locks: [Standard hasp] [Padlock] [In-door combination] [In-door key] [Coin return] [Coin collect]

4. Hinge: Heavy duty extruded aluminum with corrosion free stainless steel pin with [silver] [black] finish.

5. [Engraving: Match Owner’s artwork.]

6. ADA Compliance Package: 3134 aluminum Series 1100, H18, satin matte finish ADA plaque, adjustable 3/8 inch HDPE plastic shelf with plastic clips

7. Latch Bar: 3/8 inch thick HDPE plastic with multiple latch points, fastened with stainless steel tamper-resistant screws

G. Assembly profile: Full height of lockers, PVC plastic, snap fit assembled onto locker sides.

H. Accessories

Coat hooks are standard on single, double, and triple tier lockers, except when a garment bar is selected as an option.

1. Coat hook: Two-prong, high impact plastic, black finish, mounted to bottom of shelf or divider, one per door opening.

End panels are 1 inch thick for one tier lockers and ½ inch thick for all other locker configurations..

2. End Panels: [1 inch] [½ inch] thick HDPE plastic, color and finish same as locker door

3. Filler Panels and Trim: ½ inch thick HDPE plastic, color and finish same as locker door

4. Number Plate: 3134 aluminum, Series 1100, H18, satin matte finish, fastened to locker with corrosion resistant stainless steel rivets

5. Locker Base: 1 inch thick HDPE plastic, [with black finish] [with color and finish same as locker door], [4 inch] [\_ inch]; field assembly required.

6. Wall hook: [one] [two] [three] per door opening.

7. [Garment Bar: heavy duty extruded aluminum]

8. Color: As selected by Architect from manufacturer’s color range.

2.3 Z-STYLE LOCKERS

A. Locker Configuration: Two tier units with full height garment storage and half-height storage compartment.

B. Locker Dimensions:

1. Height, Nominal: [60 inch] [72 inch]

2. Width: [12 inch] [15 inch] [18 inch]

3. Depth: [12 inch] [ 15 inch] [18 inch]

C. Material: High density polyethylene (HDPE) plastic, [100 percent post-consumer recycled material].

D. Sides, Tops, Bottoms, Backs, and Shelves: 3/8 inch thick HDPE plastic, grey finish.

1. Sides: 3/8 inch thick HDPE plastic, grey finish

E. Locker Tops: [Flat top with grey finish] [Flat top finished in same color as locker door] [Slope top finished in same color as locker door]

F. Doors and Frame: ½ inch thick HDPE plastic

1. Doors: ½ inch thick HDPE plastic [with horizontal venting] [with lattice mesh venting]

2. Handle: ADA compliant ergonomic handle, injection molded plastic

Other lock options are available for locker preparation only; locks supplied by others. Z-style lockers require both right-hand and left-hand locks.

3. Locks: [Standard hasp] [Padlock] [In-door combination] [In-door key] [Coin return] [Coin collect]

4. Hinge: Heavy duty extruded aluminum with corrosion free stainless steel pin with [silver] [black] finish.

5. [Engraving: Match Owner’s artwork.]

6. ADA Compliance Package: 3134 aluminum Series 1100, H18, satin matte finish ADA plaque, adjustable 3/8 inch HDPE plastic shelf with plastic clips

7. Latch Bar: 3/8 inch thick HDPE plastic with multiple latch points, fastened with stainless steel tamper-resistant screws

G. Assembly profile: Full height of lockers, PVC plastic, snap fit assembled onto locker sides.

H. Accessories

Coat hooks are standard on single, double, and triple tier lockers.

1. Coat hook: Two-prong, high impact plastic, black finish, mounted to bottom of shelf or divider, one per door opening.

2. End Panels: ½ inch thick HDPE plastic, color and finish same as locker door

3. Filler Panels: ½ inch thick HDPE plastic, color and finish same as locker door

4. Number Plate: 3134 aluminum, Series 1100, H18, satin matte finish, fastened to locker with corrosion resistant stainless steel rivets

5. Locker Base: 1 inch thick HDPE plastic, with black finish, [4 inch] [\_ inch]; field assembly required.

6. Wall Hook: [One] [Two] [Three] per door opening.

7. [Garment Bar: heavy duty extruded aluminum]

8. Color: As selected by Architect from manufacturer’s color range.

2.4 ATHLETIC LOCKERS

A. Locker Configuration: Open front locker with lockable security box and lockable bench storage

B. Locker Dimensions:

1. Height, Nominal: [72 inch]

2. Width: [18 inch] [24 inch]

3. Depth: [18 inch] [24 inch]

C. Material: High density polyethylene (HDPE) plastic, [100 percent post-consumer recycled material].

D. Sides, Tops, Bottoms, Backs, and Shelves: 1/2 inch thick HDPE plastic.

1. Sides: 1/2 inch thick HDPE plastic, [with side venting]

Security box is a left-handed locker..

E. Security Box: ½ inch thick HDPE plastic

1. Handle: ADA compliant ergonomic handle, injection molded plastic

2. Locks: [Standard hasp] [Padlock] [In-door combination] [In-door key]

3. Hinge: Heavy duty extruded aluminum with corrosion free stainless steel pin with [silver] [black] finish.

4. [Engraving: Match Owner’s artwork.]

5. Latch Bar: 3/8 inch thick HDPE plastic with multiple latch points, fastened with stainless steel tamper-resistant screws

F. Bench Storage:

1. Hinged bench seat: ½ inch HDPE plastic with heavy duty extruded aluminum hinge

2. Front: ½ inch HDPE plastic

3. Lock: Standard hasp

G. Accessories:

1. Garment bar: heavy duty extruded aluminum

2. Number Plate: 3134 aluminum, Series 1100, H18, satin matte finish, fastened to locker with corrosion resistant stainless steel rivets

3. Locker Base: 1 inch thick HDPE plastic, with black finish, [4 inch] [\_ inch]; field assembly required.

4. Wall hooks: zinc plated steel, [4] [\_] per opening.

H. Color: As selected by Architect from manufacturer’s color range.

2.5 UTILITY LOCKERS

A. Locker Configuration: Open front locker with lockable security box

B. Locker Dimensions:

1. Height, Nominal: [72 inch]

2. Width: [18 inch] [24 inch]

3. Depth: [18 inch] [24 inch]

C. Material: High density polyethylene (HDPE) plastic, [100 percent post-consumer recycled material].

D. Sides, Tops, Bottoms, Backs, and Shelves: 1/2 inch thick HDPE plastic.

1. Sides: 1/2 inch thick HDPE plastic, [with side venting]

Security box is a left-handed locker.

E. Security Box: ½ inch thick HDPE plastic

1. Handle: ADA compliant ergonomic handle, injection molded plastic

2. Locks: [Standard hasp] [Padlock] [In-door combination] [In-door key] [Coin return] [Coin collect]

3. Hinge: Heavy duty extruded aluminum with corrosion free stainless steel pin with [silver] [black] finish.

4. Engraving: Match Owner’s artwork.

5. Latch Bar: 3/8 inch thick HDPE plastic with multiple latch points, fastened with stainless steel tamper-resistant screws

F. Accessories:

1. Garment bar: heavy duty extruded aluminum

2. Number Plate: 3134 aluminum, Series 1100, H18, satin matte finish, fastened to locker with corrosion resistant stainless steel rivets

3. Locker Base: 1 inch thick HDPE plastic, with black finish, [4 inch] [\_ inch]; field assembly required.

4. Wall hooks: zinc plated steel, [4] [\_] per opening.

G. Color: As selected by Architect from manufacturer’s color range.

2.6 CUBBIES

Two and four tier lockers are available in 48 inch, 60 inch and 72 inch heights. Three and five tier lockers are available in 60 inch and 72 inch heights. Six tier lockers are available in 72 inch height only.

A. Locker Configuration: [One tier] [Two tier] [Three tier] [Four tier] [Five tier] [Six Tier]

B. Locker Dimensions:

1. Height, Nominal: [36 inch] [48 inch] [60 inch] [72 inch]

2. Width: [12 inch] [15 inch] [18 inch]

3. Depth: [12 inch] [15 inch] [18 inch]

C. Material: High density polyethylene (HDPE) plastic, [100 percent post-consumer recycled material].

D. Sides, Tops, Bottoms, Backs, Shelves, and Filler Panels: 1/2 inch thick HDPE plastic.

E. Trim: 1 inch thick HDPE plastic

Wall hooks available on one, two or three tier only.

F. Accessories:

1. Locker Base: 1 inch thick HDPE plastic, with black finish, [4 inch] [\_ inch]; field assembly required.

2. Wall hook: [One] [\_\_] per opening

G. Color: As selected by Architect from manufacturer’s color range.

2.7 LOCKER BENCHES

The maximum length for a single bench piece with no seam is 96 inches.

A. Bench Tops: 1-1/2 inch thick HDPE with edges rounded to ¼ inch radius, 9-1/2 inches wide x [[\_\_] inches long.] [lengths indicated.]

Recommended bench pedestal spacing is 36 inches on center.

B. Pedestals: Aluminum, 16 inches high, secured to bench tops with stainless steel tamper resistant Torx head screws and secured to the floor with lead expansion shields and 2 inch long stainless steel machine bolts.

2.8 FABRICATION

A. Fabricate locker components square and rigid; finish free from scratches and chips.

B. Fabricate locker components for snap-together assembly or slide-together dovetail connections providing solid and secure, anti-racking construction.

C. Fabricate adjacent lockers with common side panel.

D. Fabricate locker units for assembly in maximum of three adjacent lockers.

E. Fabricate locker benches to sizes indicated in single lengths.

**PART 3 EXECUTION**

3.1 INSTALLATION

A. Install lockers in accordance with manufacturer’s instructions and approved Shop Drawings.

B. [Set lockers directly on floor.] [Set lockers on prepared locker base].

C. Set plumb, level, rigid, and aligned.

D. Attach lockers to supporting construction with anchors best suited to substrate conditions.

E. Attach locker benches to floor.

3.2 ADJUSTING

A. Adjust doors and latches to operate correctly.

END OF SECTION