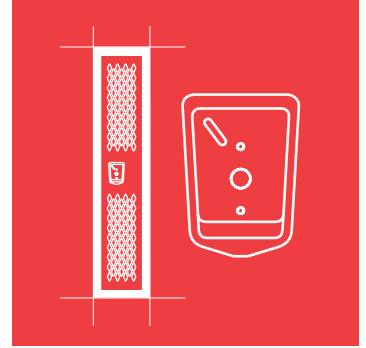


# ProTough<sup>®</sup>

## Defiant<sup>™</sup> II Single Point Latch (SPL)



### Penco ProTough Defiant II SPL

These are snapshot specifications for quick reference and product selection. Full 3-part specifications with expanded product information are available to download at [www.pencoproducts.com](http://www.pencoproducts.com) and may include updates as a result of Penco's continuous product improvement initiatives.

At a Glance...

- Heavy-duty welded lockers with Single Point Latch
- Single Point Latch with integrated door pull and Anti-Pry Lug
- 14 ga. doors with continuous hinge
- 18 gauge double pan standard



## SNAPSHOT SPECIFICATIONS

### PART 1 – GENERAL

#### 1.01 SECTION INCLUDES

Heavy Duty Welded Lockers

#### 1.02 REFERENCES

ADAAG - Americans with Disabilities Act, Accessibility Guidelines.

#### 1.03 SUBMITTALS

Submit under provisions of Section 01 33 00. Shop Drawings shall show dimensioned plans, elevations, and sections.

#### 1.04 DELIVERY, STORAGE, AND HANDLING

Store products in manufacturer's unopened packaging until ready for installation to protect the locker finish and adjacent surfaces from damage.

### PART 2 – PRODUCTS

#### 2.01 MANUFACTURER

Penco Products, Inc. or approved equal based upon ability to provide product compliant with specifications of the product selected. Provide only metal lockers fabricated in the United States by a single domestic manufacturer.

#### 2.02 MATERIALS

**Steel:** All Penco standard lockers are constructed using prime grade mild cold-rolled sheet steel free from surface imperfection meeting ASTM A1008

and capable of taking a high-grade enamel powder coat finish. Alternate material: Sheet steel components shall be fabricated using zinc-coated steel meeting ASTM A879 and finished in the same manner. Forged steel coat hooks with balled ends and truss fin head bolts and hex nuts will be zinc coated and supplied for all lockers unless otherwise indicated.

#### 2.03 HEAVY DUTY LOCKERS

**Acceptable Product:** Penco ProTough Defiant II Welded lockers. Tops and Shelves shall be 16 gauge. Backs shall be 18 gauge. Locker doors, bottoms and perforated sides shall be 14 gauge.

**Framing:** Consists of 3/4 inch (19 mm) 18 gauge square tubing members integrated with the 14 gauge formed members in the bottom that provides a fully framed construction in X and Y planes of the locker. Vertical frame members extend through the base interlocking the vertical panels with the base. Frame members are MIG welded.

Intermediate cross frame members are standard on double and triple tier lockers.

**Single Point Latch Doors:** One piece sheet steel outer with full channel formation on lock side, channel formation on hinge side, right angle formations across top and bottom, with holes for attaching number plates. Door shall have

a full 18 gauge inner pan welded to the outer door on all four sides.

**Ventilation:** 14 gauge doors and locker sides have standard 3/4 inch (19 mm) wide by 1-1/2 inch (38 mm) high diamond-shaped perforations. Doors less than 20 inches tall have 7/16 inch (11 mm) wide by 15/16 inch (24 mm) high diamond-shaped perforations.

**Hinges:** Continuous type: 16 gauge piano hinge measuring full height of door. Welded to door and attached to locker frame using steel rivets.

#### 2.04 DOOR HANDLES AND LATCHING

**1, 2 and 3 Tier Featuring Single Point Latching:** Defiant II single point latching with recessed 22 gauge drawn and brushed stainless steel pocket fastened to the door with two tabs and a positive tamper-resistant decorative fastener. Depth shall be sufficient to prevent a standard combination padlock, built-in combination lock, or key lock from protruding beyond door face.

**Locking Device:** 11 gauge steel hasp welded to locker frame; include surface for engaging the horizontal bolt of a built-in combination or key lock and anti-pry lug and slot to deter prying open when locked. Firmly secure rubber silencers to locker frame.

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**SNAPSHOT SPECIFICATIONS (continued)**

**Alternate Locking Device:** 11 gauge steel hasp welded to locker frame; include surface for secure wrap around vertical engagement by a built-in rotary-type lock to deter prying open when locked. Hasp must be adaptable to common horizontal throw locker lock and padlock use. Firmly secure rubber silencers to locker frame.

**Alternate Handle 1, 2 and 3 Tier Lockers:** Cremona Latching: Handle shall be a heavy duty turn handle that engages the door frame on three sides. The top and bottom frames are engaged with 3/8 inch (9.5 mm) steel rods, and a 1/8 inch (3 mm) thick center latch engages at the side. Double door configurations shall consist of a left hinged door secured its full length by the right hinged door when latched. Handle assembly shall be secured to door using a threaded lock nut to facilitate adjustment and removal for repair if necessary. Welded handle assemblies shall not be accepted.

**2.05 INTERIOR EQUIPMENT**

**ADA-Compliant Lockers:** Single lockers: Hat shelf 48 inches from locker bottom or lower as required by base condition. Locker Bottom: Minimum of 9 inches off the floor, or an extra shelf placed 9 inches off the floor for side access or minimum of 15 inches off the floor for front access.

**2.06 FABRICATION**

Pre-assemble lockers by welding into one piece structures in groupings most practical for job requirements, welds free of burrs; maximum width of group to be 54 inches (1.371 m); no bolts, nuts, or rivets allowed in assembly of main locker groups. Bottoms: 14 gauge steel

**Finish:** High quality powder coat paint finish applied in strict adherence to paint manufacturer's specifications to provide optimum appearance and performance. Finishes releasing VOCs are not

acceptable. Standard coating thickness is 1 mil dry film thickness minimum. Powder Coat Plus option increases thickness to 2 mil minimum. Colors as selected from manufacturer's standard colors. All locker body components shall match color of door and frame.

**Alternative Finishes:** Custom color match, Anti Graffiti, antimicrobial, TGIC and high performance finishes are available.

**PART 3 – EXECUTION**

**3.01 EXAMINATION**

Do not begin installation until substrates and bases have been properly prepared. If substrate and bases are the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

**3.02 INSTALLATION**

Install metal lockers and accessories at locations shown in accordance with manufacturer's instructions. Install lockers plumb, level, and square. Anchor lockers to floor and wall at intervals recommended by the manufacturer. Bolt adjoining locker units together to provide rigid installation.

**3.03 ADJUSTING**

Adjust doors and latches to operate without binding. Verify that latches are operating satisfactorily. Adjust built-in locks to prevent binding of dial or key and ensure smooth operation prior to substantial completion.

Touch-up with factory-supplied paint and repair or replace damaged products before substantial completion.

**3.04 PROTECTION**

Protect installed products until completion of project.

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Full product-specific 3-part specs to your documents!

Refer to ProTough Snapshot Spec's for Elevations showing Door Configurations

**The Single Point**

The Defiant II Single Point Latch (SPL) for ProTough lockers is for those desiring a heavy gauge door offering improved security with the low maintenance inherent in a door with no moving parts.

Each door has a patented deep drawn stainless steel pocket handle with an integral door pull. The doors can be locked with a conventional padlock, using the padlock staple protruding through the recessed handle (recommended) or with a built-in lock.



Double Pan



**Bracket Support.** Braces the hasp against the locker side panel for greater tamper resistance.



**Anti-Pry Lug.** Defeats prying attempts by capturing the door flange and preventing separation from the door channel.

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