

ESP Commercial Shelving Specifications

Material: Shelving, as well as all Tennsco Products, are fabricated of high quality, cold rolled carbon steel, free of scale or rust, and fully pickled. Exposed edges, corners, and surface areas are free of sharp edges and all workmanship is of the highest quality as measured by the industry.

Finish: All steel components shall be thoroughly cleaned and phosphatized for rust resistance in a five-stage pre-treatment process. A high grade of polyester/epoxy powder paint is to be applied electrostatically with a gloss reading of between 55 and 65. The finish shall have a salt spray rating of 250 hours or more.

ESP Shelving Package: The shelving package consists of four uprights, two rear back braces, four side braces, and shelves with four ESP clips to mount each shelf to the uprights. All parts are to be assembled with $\frac{1}{2}$ "-20 bolts and nuts.

Uprights: Uprights are 75" long and are roll formed from 16 gauge steel into an L shape measuring 1" x 1 $\frac{3}{4}$ ". The one inch leg has a single row of holes $\frac{5}{16}$ " diameter and $\frac{5}{16}$ " square. Every fourth hole is square, spacing is one inch. The 1 $\frac{3}{4}$ " leg is ribbed for strength. In the center of the rib is a row of $\frac{5}{16}$ " square holes, spaced on 1" centers. Uprights have a paint finish.

Back Braces: The back braces consist of two 16 gauge steel bars, 1" wide and 40 $\frac{13}{32}$ " long with rounded ends. Each end has an $\frac{11}{32}$ " hole, $\frac{1}{2}$ " from the end. These bars also have a paint finish.

ESP Clips: The ESP clips are used to hold up the shelves. Four clips are needed for each shelf. The clip is made from 16 gauge steel and is $\frac{7}{8}$ " x 2 $\frac{3}{4}$ " long. It has two finger hooks to fit into two holes of the uprights. These parts are cadmium plated.

Side Braces: The side braces are made from 16 gauge steel, 2 $\frac{3}{4}$ " wide and up to 23 $\frac{3}{4}$ ". They have one depression on each end to embrace the upright. This depression contains two $\frac{5}{16}$ " holes 2" apart, so the brace can be screwed to the uprights. Side braces have a paint finish.

Shelves: The shelves are formed from 22 gauge steel, 35 $\frac{13}{16}$ " long and up to 24" wide by 1 $\frac{1}{8}$ " thick. The corners are lap welded and there are four slots on the long sides, $\frac{1}{2}$ " from each end. All four sides are double bent and the entire shelf is painted.