

# TECH DATA

## Wire Shelving

Spacesaver proudly offers Technibilt™ TSS wire shelving and accessories. TSS wire shelving is a high quality shelving alternative that is easy to clean, promotes air circulation, and can be easily reconfigured or relocated.

### FEATURES AND BENEFITS

1. **Quality** - The TSS shelving system features a high quality splatter-free welding process, leaving nothing to scratch sensitive media or tear sterile packs. The shelves are so snag-free they can easily pass the cotton glove test. Shelves feature a full-height middle trussing, dramatically increasing shelf strength and reduce deflection. In addition, the Duro Seal finish features a 16-year warranty.
2. **Durability** - The TSS shelving system is engineered for high quality and high strength. Shelves feature all welded construction with an integral truss design. This ensures that the shelves are exceptionally strong, straight, and remain so for years of dependable service.
3. **Flexibility** - No tools are required for assembly or disassembly. Shelves lock onto posts with high strength plastic conical adapters, which snap into the groove on the post. The shelf then slides down over the adapter, securing it to the post. Shelves can be easily raised or lowered as needs change. All posts are numbered every inch for quick assembly. Special height posts are available.
4. **Choice of Finishes** - Chrome Plus or Duro-Seal

Chrome Plus is especially suited for high visibility and dry storage areas. The heavy nickel plating process features a hard chromium finish with unique enhancers, which brighten, while increasing the life of the finish. This finish typically replaces and far exceeds common zinc and standard chrome.



Duro-Seal is a unique proven finish for durability and longevity. This two-stage process consists of a specially formulated hard hybrid powder coat finish bonded over a metalized zinc chromate plating. This finish is especially well suited to high-humidity storage applications, and far exceeds common painted or powder coat only finishes.



5. **Wide Range of Accessories** - Casters, bumpers, foot plates, post clamps, shelf hooks, totes, dividers, and a wide range of wall and cantilever brackets allow customization to virtually any need, in any space.
6. **Security Units, Carts, and More** - Lockable wire security units are ideal for storing and transporting valuable material or privacy sensitive HIPAA (Health Insurance Portability and Accountability Act) controlled documents. Casters can be added to a security unit to create a security cart. Open carts and platforms are also available.

## DESIGN AND CAPABILITIES

TSS wire shelving is available in starter and adder kits, as well as individual components. Posts are available in eight standard heights ranging from 14" (356mm) to 86" (2184mm). Shelves are available in four standard depths ranging from 14" (356mm) to 24" (610mm) and eight widths ranging from 24" (610mm) to 72" (1829mm).

## APPLICATION

TSS wire shelving may be used either as stand alone shelving or mobilized on Spacesaver carriages for maximum space efficiency. Designed for air circulation, cleanliness, and high quality, TSS wire shelving products and accessories are an ideal choice for applications within healthcare, museum and archive, government and justice, law enforcement and correctional facilities.

## TECHNICAL SPECIFICATIONS

### Wire Shelving:

Shelving shall be fabricated of carbon steel with chrome plated finish. [Optional finish shall consist of a two-stage process of a specially formulated hard hybrid metallic gray epoxy powder coat finish bonded over a metalized zinc chromate plating. Optional finish warranty shall be 16 year pro-rated against the formation of rust.] Units can be stationary or installed on high-density mobile carriages.

**Shelves** shall be fabricated of basic carbon steel and designed to lock securely to the post without the use of tools.

The shelf shall be fabricated of 0.114" (2.9 mm) diameter top mat wires spaced 0.8125" (20mm) on center running from the front 0.25" (6.4mm) rod perimeter wire to the back 0.25" (6.4mm) rod. An architectural 6 gauge (4.9mm) truss shall be welded between the top perimeter 0.25" (6.4mm) rod and a bottom parallel 0.25" (6.4mm) rod.

All contact points of all wires shall be welded. Further strength shall be obtained by trussing the bottom horizontal 0.25" (6.4mm) rod running the shelf length. Cold rolled steel conical collars shall be welded into the four corners. All welds shall be smooth and splatter-free.

Shelves are attached to the post by a plastic conical adapter. The plastic adapters fit into the grooves on the post for proper shelf location.

### Shelf Depths:

14" (356mm), 18" (457mm), 21" (533mm), 24" (610mm) and limited offering in 30" (762mm)

### Shelf Widths:

24" (610mm), 30" (762mm), 36" (914mm), 42" (1067mm), 48" (1219mm), 54" (1372mm), 60" (1524), 72" (1829mm)

### Shelf Capacities:

Shelf widths up to 54" (137cm) shall have 850 lb. (386kg) weight load capacity. Shelf widths up to 60" (152cm) shall have a 750 lb. (341kg) weight load capacity. Shelf widths through 72" (183cm) have a 650 lb. (295kg) weight load capacity.

**Posts** shall be 1" (25.4mm) diameter, 16 gauge (1.5mm) carbon steel grooved at 1" (25.4mm) increments the length of tube. Numbers shall be added between all grooves to simplify assembly. Finish selection shall match shelves.

### Post Heights:

14" (356mm), 27" (686mm), 34" (864mm), 43" (1092mm), 54" (1372mm), 63" (1600mm), 74" (1880mm), 86" (2184mm)

**Freight Classification:** Shelving, Steel, No1BN, K.D. Class 70

*Specifications are subject to change without notice.*



Spacesaver Corporation  
1450 Janesville Avenue  
Fort Atkinson, WI 53538-2798  
1-800-492-3434  
www.spacesaver.com



KI  
1330 Bellevue Street  
P.O. Box 8100  
Green Bay, WI 54302-8100  
1-800-424-2432  
www.ki.com