

Rubbermaid®



# VENTILATED WIRE

## *Shelving System*



The Ventilated Wire Shelving System is a customizable solution for the storage needs of today from America's most trusted name in home organization, Rubbermaid.



## Storage Solutions for Every Space

Constructed from industrial grade steel Rubbermaid's ventilated wire shelving collection is designed to provide storage options for every area of the home; storage rooms, utility rooms, laundry rooms, garages, pantry closets, and closets.

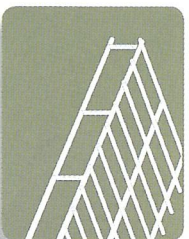
### Ventilated Shelving Advantages:

- Increased air circulation, increased visibility of stored items, will not warp or collect moisture, maintenance free, durable

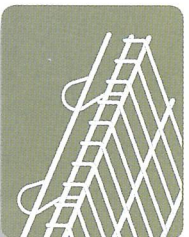


## Flexible for Customizing

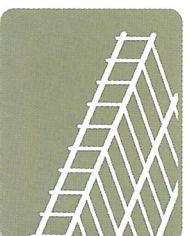
Choose between Freeslide®, Shelf & Rod, TightMesh™ & Linen, with the ability to cut Rubbermaid shelving to any length and the extensive line of mounting hardware. Rubbermaid shelving can be customized to maximize every square inch of storage space.



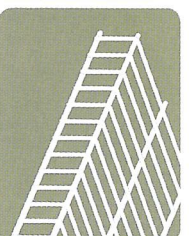
**Shelf & Rod**  
depths available  
12" & 16"



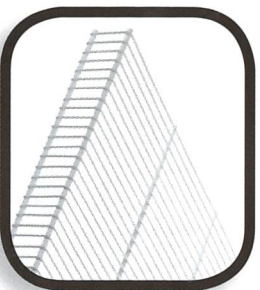
**Free Slide®**  
depths available  
12" & 16"



**Linen**  
depths available  
9", 12", 16" & 20"



**TightMesh™**  
depths available  
9", 12", 16" & 20"



### Wire Spacings

Wire spacings for shelving decks are designed to complement each shelf's intended use. All closet shelving uses 1" spacing to keep clothes well ventilated. TightMesh™ shelving uses 1/2" deck spacing for use in storage rooms, garages, workshops and pantries; keeping small items from tipping or falling through the deck.

## Epoxy Coated Finishes

Available in white and satin nickel, all-steel components are covered with an iron phosphate coating to ensure a proper bond with the finish coat. The finish coat will be an epoxy-polyester hybrid powder coating which provides a hard, smooth and durable finish.

### Epoxy Coatings Advantages:

- Will not discolor, peel, or rust, provides easy gliding surface for hangers, resists chipping, abrasions, impact, corrosion and chemicals, Will not become tacky over time.

The industry's most innovative shelving to date, FreeSlide®. Originated by Rubbermaid®. This one piece constructed shelving system combines the advantages of ventilated shelving with a specifically designed hanging rod that allows continuous uninterrupted movement of hangers.



## Fast Set Hardware System

Rubbermaid's patented hardware system with pre-loaded pins is stronger and easier to install than traditional hollow wall anchoring systems. It is designed to work with both 1/2" and 5/8" wall systems and is compatible with most standard wall systems.



## Environmentally Friendly

**Indoor Air Quality** – Rubbermaid's ventilated wire shelving products are GREENGUARD certified to promote clean air better than other shelving materials due to low level emissions of VOC's including formaldehyde. In addition Rubbermaid shelving:

- Requires no sealants or paint during installation
- Promotes air circulation, preventing mold and dust

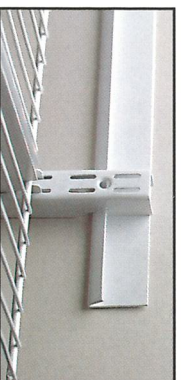
**Material** – Verified by FTC Regulations: Rubbermaid's wire shelving is made from 100% recycled steel and is 100% recyclable with construction waste.

**Manufacturing** – Locally supplied steel rod and self contained water recycling.

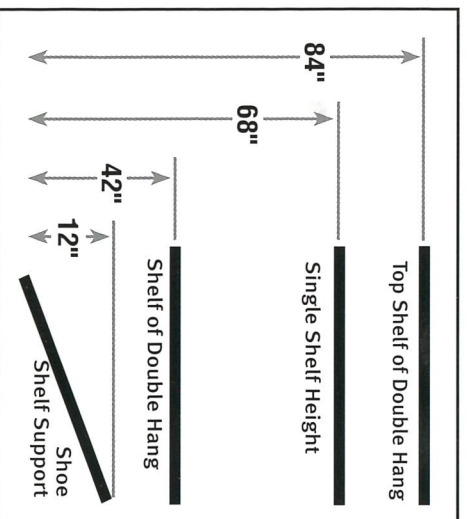


## FastTrack® Allows for Changes

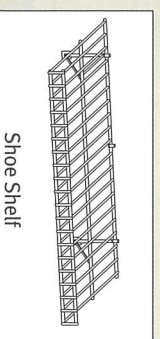
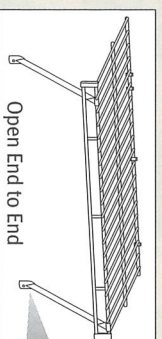
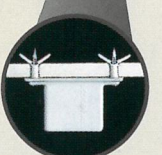
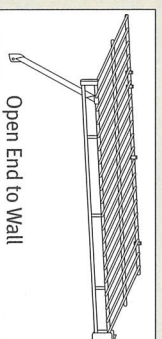
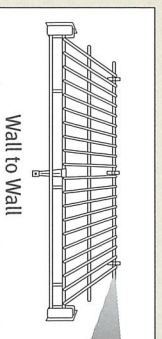
Storage needs can change over time. FastTrack® works with all Rubbermaid shelving and can be modified as storage requirements change, without drilling additional holes.



### Installation Heights



### Standard & Customized Arrangements



## Limited Lifetime Warranty



For more information visit: [www.rubbermaidpro.com](http://www.rubbermaidpro.com)

## Part 1 - General

### 1.1 Related Documents

- A. Drawings and general provisions of contract, including general and supplementary conditions and division-1 specification sections, apply to the work of this section.

### 1.2 Summary

- A. This section includes the following "Ventilated Wire Storage Shelving": FreeSlide® Shelving, Tight Mesh™ Shelving, Double Lip Shelving, Corner Shelf, Shelf & Rod, and Linen Shelving.

### 1.3 Submittals

- A. Product Data: For each type of ventilated wire storage shelving specified include details of construction and connections relative to materials, dimensions of individual components, and accessories.
- B. Samples: Of each ventilated wire storage shelving required, not less than 12 inches long in size.

### 1.4 Quality Assurance

- A. Single Source Responsibility: Obtain ventilated wire storage shelving from a single manufacturer.

### 1.5 Delivery, Storage, and Handling

- A. Comply with instructions and recommendations of manufacturer for special delivery, storage, and handling requirements.
- B. Store shelving in a manner to avoid significant or permanent damage of shelves.

### 1.6 Coordination

- A. Coordinate layout and installation of ventilated wire storage shelving with other construction to which it is attached including floor, partitions and wall assemblies.

## Shelving Load Capacities

shelf length	total weight*	per lined ft
1 ft.	75	75
2 ft.	130	65
3 ft.	135	45
4 ft.	160	40
5 ft.	175	35
over 6 ft.	180	30

shelf length	total weight*	per lined ft
1 ft.	90	90
2 ft.	140	70
3 ft.	150	50
4 ft.	180	45
5 ft.	200	40
over 6 ft.	210	35

shelf length	total weight*	per lined ft
1 ft.	105	105
2 ft.	150	75
3 ft.	180	60
4 ft.	220	55
5 ft.	250	50
over 6 ft.	252	42

\*Based on recommended installation methods. Load capacity will vary depending on specific applications.

- Use an All-Purpose Clamp (one at least every 4 ft.) to secure shelf to back wall.
- All-Purpose Clamps install into studs located along the back wall at desired shelf height.
- Open end shelf installations require one support brace 1" from open end of shelf.
- Back clips are to be placed at a maximum distance of 12" along back wall for all applications.
- Shelf-over-shelf or stacked shelf system must be 13" apart to allow room for Support Braces.

### 1.7 Environmental Specifications

- A. GREENGUARD Certified (indoor air quality) - Emissions low levels of volatile organic compounds (VOC) or formaldehyde, requires no sealants or paint during installation, promotes air circulation, preventing mold and dust.
- B. Recyclable Material - Verified by FTC Regulations: Rubbermaid's wire shelving is made from 100% recycled steel and is 100% recyclable with construction waste.

## Part 2 - Products

### 2.1 Manufacturers

- A. Manufacturers: Subject to compliance with requirements, provide products by the following: Rubbermaid Home Products.

### 2.2 Materials

- A. All ventilated wire storage shelving shall be constructed of Grade C-1008 bright, basic, cold-drawn steel wire with average tensile strength of 100,000 psi.
- B. All steel wire shall be resistance welded at intersections of cross deck wires spaced at 1" increments and trimmed smooth.
- C. TightMesh™ steel wire spacing shall be on 1/2" increments and trimmed smooth.

### 2.3 Finishes

- A. Material shall be cleaned and covered with an iron phosphate coating to ensure proper bond with finish coat.
- B. Finish all ventilated wire shelving with baked-on non-toxic and environmentally friendly epoxy coating.
- C. Finish coat shall consist of a continuous 3-5 mil epoxy-polyester hybrid powder coating to provide a hard, smooth, durable finish.

### 2.4 Mounting Hardware

- A. Mounting hardware components shall provide shelving installation to drywall partitions and walls without requiring mounting to concealed structural members.
- B. Support braces are required for 36" to 42" span.
- C. Back clips shall be mounted on 12" increments beginning 1-1/2" to 2" from side wall.

### 2.5 Shelving Accessories

- A. Shelving installation aids available to assist in the installation of shelving components.
- 12" and 16" installation templates
  - 9" and 20" installation templates
  - Pneumatic cutter
  - Cutter replacement jaws
  - White epoxy touch-up paint
- B. Fast Set pre-loaded installation system developed to secure shelving systems to adjacent walls.
- 1/2" and 5/8" back clips
  - 1/2" and 5/8" flap less back clips
  - Wall bracket and FreeSlide® wall bracket
  - Shoe shelf support
  - Wall anchor
- C. Support braces used to support front edge of shelving system.
- 9", 10", 12" and 16" support brace – Fast Set
- D. Miscellaneous hardware for complete installation of shelving system.
- Small, large and TightMesh™ end caps
  - Metal corner bracket

- Phillips screws
  - 1/4" anchors
  - Rod spacer clips
  - FreeSlide® rod spacer cap
  - Joiner plate set and FreeSlide joiner plate
  - FreeSlide® joiner plate and rod spanner
  - All-purpose clamp
  - Wall bracket and FreeSlide® wall bracket
  - Angle wall bracket
  - Anchor-less back clips
  - Shoe shelf support
  - Shelf edge trim
  - F channel, 8 ft. lengths
- E. Pole systems
- 68" and 84" poles
  - Square pole cap
  - #8 self-tapping screw
  - Pole clamp and TightMesh pole clamp
  - 1/2" self-tapping screw

### 2.6 Fabrication

- A. Fabricate ventilated wire storage shelving square, rigid, flat, and free of dents or distortion. Fabricate connections to form a rigid structure, free of buckling and warping.

## Part 3 - Execution

### 3.1 Inspection

- A. Examine areas and conditions for compliance with requirements for installation tolerances, clearances, and other conditions affecting installation.
- B. Examine walls to which ventilated wire storage shelving will be attached for proper selection of appropriate fastening hardware.
- C. Installation hardware shall be included which does not require attachment to concealed structural framing.
- D. Proceed with installation only after unsatisfactory conditions have been corrected.

### 3.2 Installation

- A. Install shelving system and accessories after finishing operations, including painting have been completed. Install system to comply with final layout drawings, in strict compliance with manufacturers printed instructions. Position units level, plumb; at proper location relative to adjoining units and related work. Adjust accessories to provide visually acceptable installation.

### 3.3 Field Quality Control

- A. Remove and replace shelving components that are chipped, scratched, or otherwise damaged and which do not match adjoining work. Provide new matching units, installed as specified and in manner to eliminate evidence of replacement.

### 3.4 Adjust

- A. Adjust components and accessories to provide visually acceptable installation.

### 3.5 Cleaning

- A. Remove surplus materials, rubbish and debris resulting from installation upon completion of work and leave areas of installation in neat, clean condition.