# **AVALON SERIES**

# **PRODUCT FEATURES**

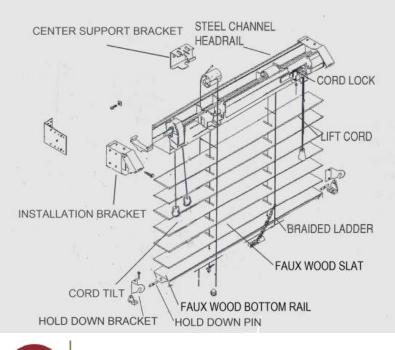


Avalon Faux Wood blinds is a revolutionary product that has the appearance of real wood, but at a fraction of the cost. Flat slats, sculptured bottomrail and decorative valance are extruded entirely from space age PVC foam. Some of the unique features for Avalon Faux Wood blinds are: the slats being treated with an antistatic formula to help prevent dust buildup, being moisture, heat and fade resistant; and the slats colored all the way through. No other product compares with Avalon Faux Wood blinds for the elegance of a wood look at a significant value.

- □ Trapezoid bottomrail
- □ Durable 2" x 2" steel headrail
- □ Heavy duty slats
- □ Crash proof cord lock
- Heavy-duty snap in component system
   Static resistant stat to repel

dust □ Lead free nt □ FR Certified - NFPA 701 small scale □ Limited Lifetime Warranty

# PRODUCT DRAWING



- 1. Center support bracket
- 2. Steel head rail
- 3. Cord lock
- 4. Lift cord
- 5. Braided Ladder
- 6. Slat
- 7. Bottom rail
- 8. Hold down pin
- 9. Hold down bracket
- 10. Cord tilt
- 11. Installation bracket
- 12. Installation screws



# **SPECIFICATIONS**

#### HEADRAIL

head rail is a "U" shaped configuration; dimensions are 2" high by 2-1/4" deep with rolled edges at the top. Fabricated steel is 0.024-inch thick (before paint) and iron phosphate treated. Head rail is acrylic primed with a finish coat of baked on polyester enamel.

a. Head rail shall incorporate color coordinated or milky white molded end caps for reinforcement.

#### **OPERATING HARDWARE**

snap in design and positioned to allow precise alignment..

#### **TAPE ROLLS & SUPPORTS**

2" Avalon (Braided Ladder) tape roll supports are made of low friction thermoplastic, which are self lubricating and maintenance free for smooth operation and diminished wear on lift cords and braided ladders. The support also provides the tape roll with smooth bearing points and centers it over the ladder guide hole. Tape rolls are constructed of low friction thermoplastic and designed to hold tape end by means of a "U" shaped brass grommet, which shall be inserted into tape rolls, allowing for a more precise placement of ladders when secured. As a result this gives the top slat a near level bearing position. Tape rolls shall include a projecting thermoplastic cylindrical collar integrated on each end, tilt rod is centered through both tape drum and collar projection. Self-lubricating thermoplastic collars are designed to snap securely into tape drum supports



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allowing for a near effortless tilting operation. 2" Avalon (Cloth Tapes) tape roll supports and tape rolls are constructed of thermoplastic. Tape roll supports utilize a nylon pulley system to guide lift cords through head rail. 2" Avalon (Cloth Tapes) tape rolls are designed to hold cloth or vinyl tape ends firmly by means of stapled loops and provides a full tilting action.

#### CORD LOCK

This component shall be a snap-in design and has a nylon roller, which the cord smoothly passes over. A secured steel roller onto a hinged lock facilitates "crash-proof" feature. Locking mechanism secures the blind the cord is released. The cord ends are knotted and are made of low friction thermoplastic, which are equipped with color coordinated cord tassels.

a. An optional lift cord ring pull is available in lieu of cord tassels and shall be supplied with a standard 4-inch control length.

#### TILTER

2" Avalon are available with either standard cord tilter or optional wand tilter. The standard wand tilter is a precise. Self-lubricating thermoplastic worm and gear mechanism, with fully enclosed plastic housing. The highly accurate cord tilter utilizes a corrosion resistant steel worm and gear system, enclosed in a high impact plastic body which incorporates a spool protector that prevents the cord from slipping off of the spool. The cords operate smoothly by an incorporated pulley and cord guide. The optional wand tilter is a precise, self-lubricating thermoplastic worm and gear mechanism, with a fully enclosed plastic housing.

a. Optional tilt ring shall be attached to the tilter shaft in lieu of a wand, allowing for the field provision of a pole hook to operate.

#### TILT WAND

2" Avalon wand is composed of color-coordinated plastic, which is round in shape and measures 3/8inch across. Color coordinated wand has a maximum length of 60-inches, after which a clear plastic wand is only available. Wand shall be attached or detached to tilter shaft via a metal clip which is secured to the wand section.

# TILT ROD

This component, square in shape, is composed of solid galvanized steel and provides an instant tilting response. Diameter measurement across is 1 /4".

# SLAT

Slats shall be extruded to a flat rigid form from PVC foam. An anti-static dust inhibitor additive is applied to the surface to minimize dust accumulation. Slat material is nominally 2-inches wide, with a thickness of .122(□ .0005). Avalon is colorfast rated to 500 hours. Avalon PVC foam material will meet or exceed NFPA 701 small-scale test standards.

#### BOTTOM RAIL

Standard and crown valances and bottom rail are extruded from PVC foam and are color matched to slats. Contoured valance is nominally 2.5-inch wide and is extruded to a thickness of 3/8-inch.Trapezoid shaped bottom rail is nominally 2- inches wide and is extruded to a thickness of 7/8-inch.

# **TAPES & LADDERS**

Standard color coordinated braided ladders shall be constructed of polyester yarn with a double crossed inter-braided cable thread design, for maximum slat support and minimum stretch. Slats shall be supported by ladder tape without any visible distortion. Ladder rung distances shall not exceed 44 mm (6.9 slats per vertical foot). Distances between ladders shall not exceed 12-inches, nor distance from end of ladder to end of slat shall not exceed 5 inches. Optional 1 1/2" and 1" cloth tapes (in varying colors) are onstructed of a high strength polyester. Spacing shall not exceed 42 mm.



# LIFT CORD

Color coordinated lift cords shall be constructed of a braided polyester jacket with a rayon center core or approved equal. Cords shall be of sufficient length to properly facilitate the raising and lowering of blind. Diameter of cord shall be 1.8 mm (+-0.1 mm).

# INSTALLATION BRACKET

Galvanized steel installation bracket with riveted hinged cover shall be 0.038-inch thick (before paint). The outside surface has a finish coat of baked polyester enamel to color coordinate with head rail, slats and bottom rail.

a. Intermediate support brackets are furnished for blinds 48-inches wide or as required. Maximum spacing for brackets shall be 30-inches.
b. Optional extension brackets are available.

# PACKAGING

Corrugated 44 ECT cardboard packaging consists of 100% recycled material that is also 100% recyclable (a letter of compliance is on file for LEED qualifying projects).

#### WARRANTY

ignature Series 2" Avalon shall be manufactured exempt of any sharp edges, burrs or other defects. CACO. Inc. will extend a limited lifetime warranty on 2" Avalon head rail and components and a 5 year warranty on slats. Every horizontal blind that is properly installed is quaranteed to be free from defective components for the warranty duration, as long as the blind remain in the same window as originally installed. This obligation is limited to repair and replacement of components found defective. This guarantee does not include any conditions resulting from damages caused by accidents, alterations, misuse, abuse, or failure to follow instructions with respect to cleaning or maintenance.