


SPECIFICATIONS INFORMATION

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BLACKOUT CURTAINS ARE PERFECT FOR:

- Laser labs
- Photo labs
- Security rooms
- Post offices
- Hospitals
- Clinics
- Prisons
- Universities
- Photographers
- Government agencies
- Airport security
- University labs
- Science labs
- Test labs
- Sleep study labs
- Detention facilities

...and many more!

Call **1-866-BLACKOUT** and we can provide you with blackout curtains, track and hardware and roller shades to control your lighting applications.

SPECIFICATIONS FOR BLACKOUT CURTAINS

MANUFACTURER: www.blackoutcurtains.com
676 Mendelssohn Ave N
Golden Valley, MN 55427
866.252.2568

CURTAIN MATERIAL AND FABRICATION:

1. We have 4 colors/styles available. All pass NFPA 701 commercial fire tests. Samples available upon request.
 - Textron Black Black: 100% Polyester
 - Robyn White/White: 100% Polyester
 - Robyn Black/White: 100% Polyester
 - Staphcheck Black/Black: Vinyl
2. The curtain shall be sewn flat with 15% fullness. The seams shall be sewn with no raw edges visible. The curtain top shall be grommited on 6" centers. The bottom edge shall have 2" double hem.
3. Double curtains installation (in specific uses) : Where (2) separate curtain panel meet they shall overlap each other approximately 24 inches. Otherwise a 'Split With Velcro Overlap' is available when using (1) track system.
4. Curtains shall be supplied with minimum 12 inch high front light-trap valance. The valance shall be made of the same blackout curtain materials, sewn flat (no fullness) with a sewn-on Velcro strip and self adhesive strip to be adhered to track face.
5. Blackout curtain must be flame-retardant materials. Fabric passes the flame resistance requirements specified by the State and be is in accordance with the NFPA Standard No. 701-99 test. Submit certificate of passage to test.

Call **1-866-BLACKOUT** and we can provide you with blackout curtains, track and hardware and roller shades to control your lighting applications.

FR CERTIFICATE TEXTRON BLACK/BLACK



96-D Allen Boulevard
Farmingdale, New York 11735-5626 USA
Tel. +1 (631) 293-8944 Fax +1 (631) 293-8956
e-mail: testing@govmark.com

Page 1

Received: 08/21/2015	Completed: 08/25/2015	Letter: L1	JB	P.O.#:	Test Report #:	3-09410-1-
Client's Identification	Style: Textron Black/Black. Composition: 100% Polyester. Product End Use: Draperies and Curtains.					
Tested For: Berek Awend American Drapery Systems, Inc 676 Mendelssohn Ave N Golden Valley, MN 55427			Key Test: NFPA 701-2015 TM#2 Fold			360
			Tel: 1-(952)-797-9462		Ext:	
			Fax: 1-()- -			
LE: 2015 NE: 2019 V: 01/15 PC: 1H						
TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2015 Edition - Test Method #2 - Folded Specimens						
TEST CONFIGURATION: <input checked="" type="checkbox"/> Single Layer; <input type="checkbox"/> Multi Layer						
RESULTS REPORTED: <input checked="" type="checkbox"/> Initially <input type="checkbox"/> After 72 hours water leaching <input type="checkbox"/> After 3 dry cleanings <input type="checkbox"/> After 100 hours accelerated weathering <input type="checkbox"/> After 5 launderings @ 160°F						
RESULTS:						
Length Specimen #	Afterflame (seconds)	Drip Burn (seconds)	Char Length (mm)			
1	0	0	206			
2	0	0	218			
3	0	0	176			
4	0	0	220			
APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 275 g/m ²						
FAILURE CRITERIA: For each individual specimen --						
Afterflame	Drip Burn	Char Length				
Exceeds 2.0 Seconds	Exceeds 2 seconds	Exceeds 1,050 mm (41.34")				
RETEST PROVISION: Test 2 additional specimens if only 1 specimen fails.						
CONCLUSION: Based on the above Results and Failure criteria, the item tested:						
<input checked="" type="checkbox"/> Passes; <input type="checkbox"/> Fails; <input type="checkbox"/> Requires testing of 2 additional specimens						
CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by NFPA 701 - 2015 Edition Test Method #2 Folded Specimens.						
 AUTHORIZED SIGNATURE GOVMARK ec 1bg		MS. PHYLLIS PETTIT AUG 26 2015 (Page 1 of 2)				

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Page 2

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Tested For: Berek Awend			Key Test: NFPA 701-2015 TM#2 Fold			360
American Drapery Systems, Inc 676 Mendelssohn Ave N Golden Valley, MN 55427			Tel: 1-(952)-797-9462			Ext:
			Fax: 1-()- -			

PRECONDITIONING: ☒ 1 hr @ 220°F (Standard)
☐ 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)

REMARKS:
None.

CONVERSION FACTORS:
mm ÷ 25.4 = inches
g/m² ÷ 28.35 x .835 = oz/yd²

(Page 2 of 2)

Call **1-866-BLACKOUT** and we can provide you with blackout curtains, track and hardware and roller shades to control your lighting applications.

The results contained in this report relate only to item(s) tested. The test report shall not be reproduced, except in full, without written approval from Govmark.

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e-mail: testing@govmark.com

Page 1

Received:08/24/2015	Completed:08/24/2015	Letter: L3	AM	P.O.#:	Test Report #:	3-09410-3-
Client's Identification	Style: Textron Black/Black. Composition: 100% Polyester. Product End Use: Draperies and Curtains.					
Tested For: Berek Awend American Drapery Systems, Inc 676 Mendelssohn Ave N Golden Valley, MN 55427			Key Test: BFD IX-1			245
			Tel: 1-(952)-797-9462		Ext:	
			Fax: 1-()- -			

BFD IX-1 LE: May 16, 1986 / Revised May 2, 2003; V 02/15 PC: NS /md

TEST PERFORMED: BFD IX-1 Boston Fire Department Classification Fire Test

BRIEF DESCRIPTION OF TEST: Six 4" by 12" specimens are tested. Each specimen is suspended into a flame which is at a 45° angle to the specimen. The sample is perpendicular to the floor, and the test is run with no draft. The lower 1.5" of the specimen is held into the 6" long flame (with 1.5" blue cone) for 10 seconds and removed. Observations are made.

TESTED: ☒ Initially; ☐ After 3 dry cleanings; ☐ After 5 launderings @ 160°F

RESULTS:	Specimen #	Afterflame (seconds)	Flame Propagation Distance (inches)	Propagation Afterglow (seconds)	Non Propagating Afterglow (seconds)
Length:	1	0	1.6	0	0
	2	0	2.1	0	0
	3	0	2.2	0	0
Width:	4	0	1.6	0	0
	5	0	2.6	0	0
	6	0	1.8	0	0

OBSERVATIONS: ☒ Melting in flame contact
☐ Char only on flame contact

REMARKS: None.

ACCEPTANCE CRITERIA:

1. Afterflame: 2.0 seconds maximum
2. Flame Propagation Distance: 6.0 inches maximum
3. Propagation Afterglow: 40.0 seconds maximum
4. Non Propagating Afterglow: 80.0 seconds maximum

CONCLUSION: Based on the above Results and Acceptance Criteria --

The item tested: ☒ Complies; ☐ Does not comply

(Page 1 of 2)

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Tested For: Berek Awend American Drapery Systems, Inc 676 Mendelssohn Ave N Golden Valley, MN 55427			Key Test: BFD IX-1 Tel: 1-(952)-797-9462 Fax: 1-()- -			245 Ext:

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by BFD IX-1 Boston Fire Department Classification Fire Test dated May 16, 1986, revised May 2, 2003.



AUTHORIZED SIGNATURE
GOVMARK
/ec/bg

MS. PHYLLIS PETTIT

AUG 26 2015

(Page 2 of 2)

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NFPA - 701

"54" BUDGET BLACKOUT FLAME RESISTANT WHITE"

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Call **1-866-BLACKOUT** and we can provide you with blackout curtains, track and hardware and roller shades to control your lighting applications.

Certificate of Flame Resistance

NFPA - 701

This is to certify that the material described has been tested according to National Fire Protection Association 701 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films (2010 Edition), and meets the requirements stated therein for fabric or other materials used in curtains, draperies, or other window treatments. The terms curtains, draperies, or other window treatments, include, but are not limited to, window curtains, stage or theater curtains, vertical folding shades, roll-type window shades, hospital privacy curtains, window draperies, fabric shades or blinds, horizontal folding shades, swags, fabric horizontal shades, table skirts, table linens, display booth separators, textile wall hangings and decorative event tent linings not used in the assembly of a tent. The flame resistant treatment is durable to washing and dry cleaning.

"54" SATINTONE BLACKOUT FLAME RESISTANT NOIR/WHITE"

Rockland Lot Number

1107199

Customer Lot Number

Date Treated:

JUNE 27, 2012

Customer Invoice Number: 90611551

Name of Production Superintendent

Gregory H. Harty

Name of Testing Laboratory Supervisor

Christopher R. Harty

ROCKLAND INDUSTRIES, INC. 253 CALHOUN STREET BAMBERG, SC 29003

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STAPHCHEK BLACK/BLACK LABORATORY REPORT

676 Mendelssohn Ave N
Golden Valley, MN 55427



LABORATORY REPORT

PROPERTY	TEST METHOD	TEST RESULTS CURRENT PRODUCTION	DESCRIPTION
BIOLOGICAL PROPERTIES			
Antimicrobial to protect the fabric	NYS63	Pass	Resistant to organisms that degrade, stain, or impart odors.
Primary Skin Irritation Index	Draize Dermal Toxicity	0	Fabric is hypoallergenic - does not cause toxic reactions and irritations.
PHYSICAL PROPERTIES			
Weight, oz. per sq. yd.	ASTM D3776	8.5	Lightweight, high strength
Flame Resistance After Flame, sec. Char Length, inches	ASTM D6413	0.1 5.5	National Fire Protection Association (NFPA 701, large scale) Inherent flame resistance to minimize fire hazards.
Breaking Strength, lbs.	ASTM D5034	W 129 F 112	Construction designed for ticking fabrics
Tear Strength, lbs.	ASTM D2261	W 32 F 36	Excellent tear strength, punctures will not produce running rips.
Surface Resistivity (OHMS/SQ)	AATCC 76	5.0 x 10 ¹⁰	Permanent, not a surface treatment
Adhesion (lbs./2 inches)	Free Peel	12.2	Resistant to delamination from flexing action of hospital bed
Hydrostatic Burst (PSI)	ASTM D751/A	182	Constructed with non-penetrable surface.

FABRICATION: Capable of being fabricated by stitching, and/or cementing - can be patched, seamed and repaired.

COLOR: Permanent, non-fading, non-bleeding

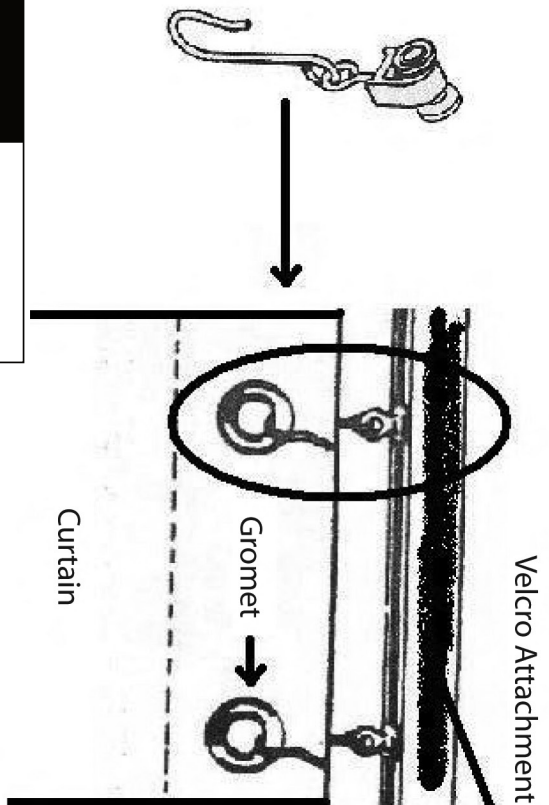
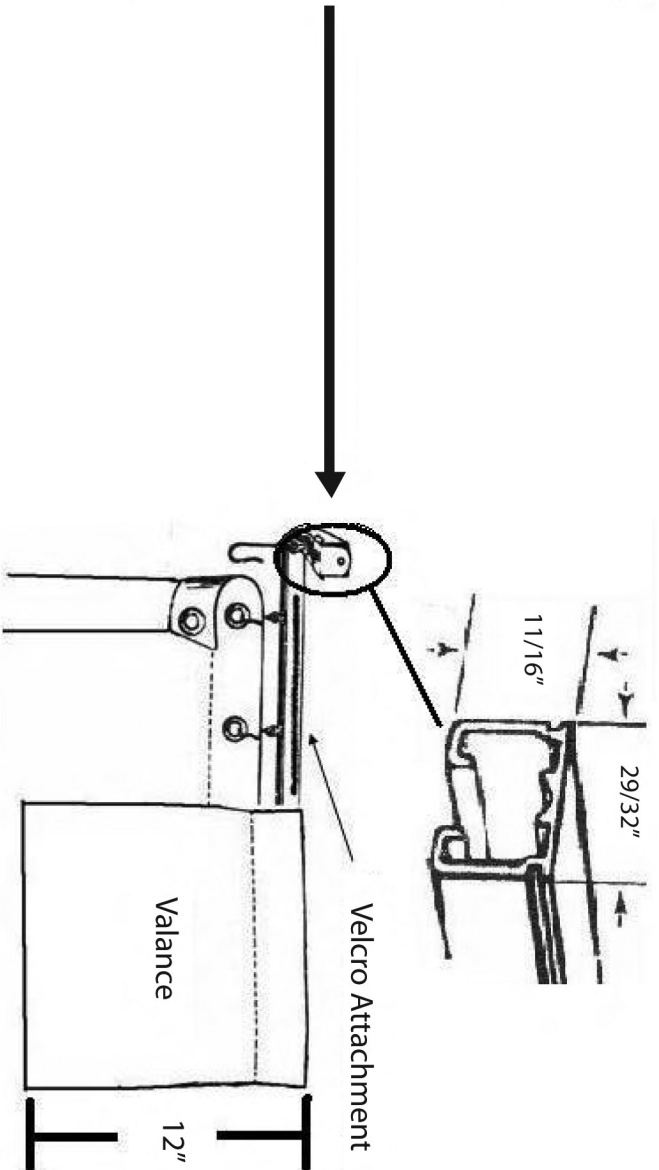
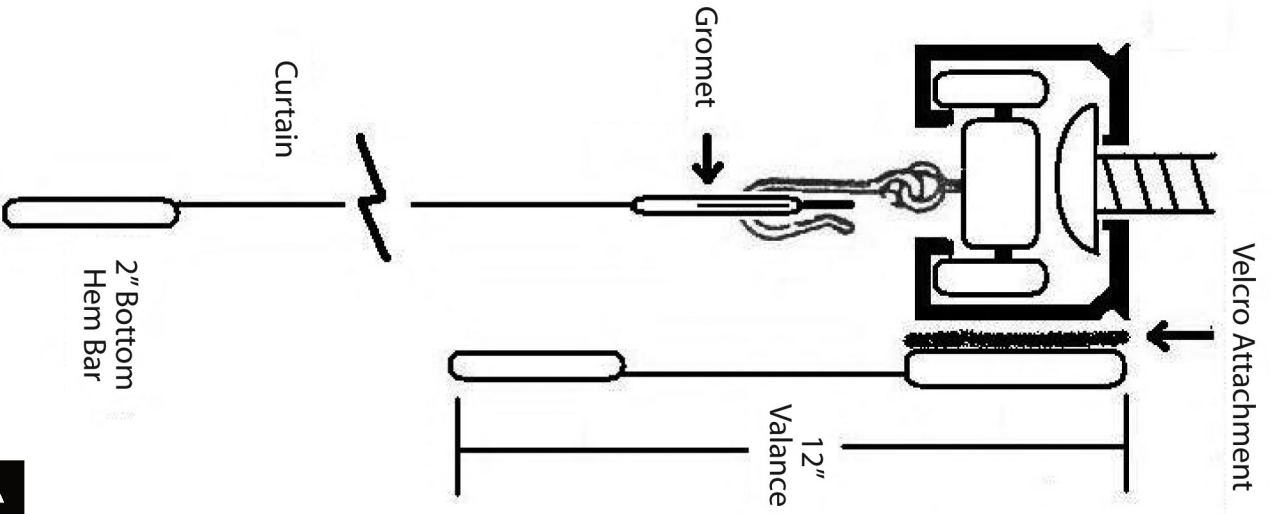
WIDTH: Width of 72", or as specified.

MAINTENANCE: Only necessary to wipe down with mild soap suds, rinse with warm water, when soiled. Disinfection, if required, follow manufacturers' recommended instructions for disinfectant used.

Testing is conducted in strict accordance with ASTM Test Methods, unless otherwise indicated. HTM = Hercules Test Method. Copies available upon request. This information is offered for your general guidance and has been obtained by modern test methods. It is true and accurate to the best of our knowledge at the time of printing.

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BLACKOUT CURTAINS CUT SHEET



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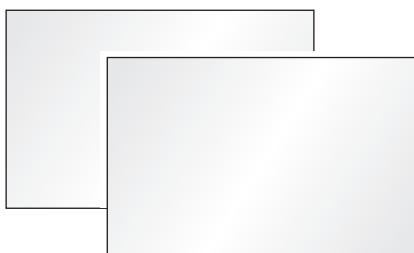
BLACKOUT CURTAINS COLORS AND SPECIFICATIONS



Textron Black/Black



Staphchek Black/Black



Robyn White/White



Robyn Black/White

Call **1-866-BLACKOUT** and we can provide you with blackout curtains, track and hardware and roller shades to control your lighting applications.

SPECIFICATIONS FOR ALUMINUM TRACK & HARDWARE

MANUFACTURER:  **AMERICAN** TRACK
SUPPLY.COM

TRACK AND HARDWARE MATERIAL AND ASSEMBLY:

1. Track to be 29/32" X 11/16" x .050 extruded 6063-T-5, anodized aluminum. Inner surface is center ridge-grooved. Tracks can be bent or curved. Bends will be approx. 12" radius. The track shall also serve as an integral part of the valance assembly. Supply with hook carriers, end-caps, knock-outs, and connectors, of the sleeve type. Carrier body and wheels of Celcon. Eye and hook of .093 bright basic wire, nickel plated.
2. Double curtains installation (in specific uses): Provide (2) parallel tracks for double curtain installation. Where (2) separate tracks meet they shall overlap each other approximately 24 inches.

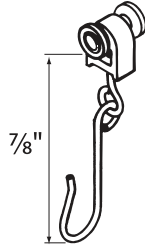
Call **1-866-252-2568** and we can provide you with blackout curtains, track and hardware and roller shades to control your lighting applications.

ALUMINUM TRACK & HARDWARE CUT SHEET

No. 9600 Aluminum Track

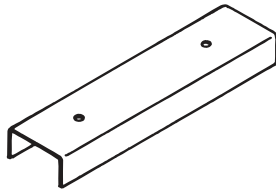
Carriers

No. 9616/061
Carrier (No. 9633) with
attached hook. Eye and
hook of .093 bright basic
wire, nickel plated.



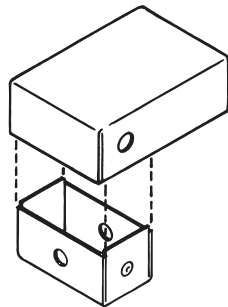
Track Splices

No. 9612



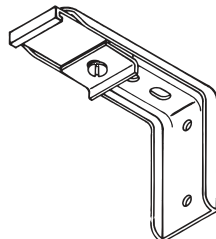
End Stops

No. 9610
End Stop



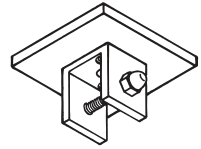
No. 9611
Pull-out

No. 9637
Support

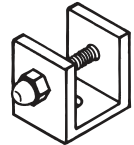


No. 9600 Aluminum Track

No. 9623
Ceiling Flange



No. 9624
Track Socket



No. 9620/12
Suspension Tubing
3/4" x 3/4"



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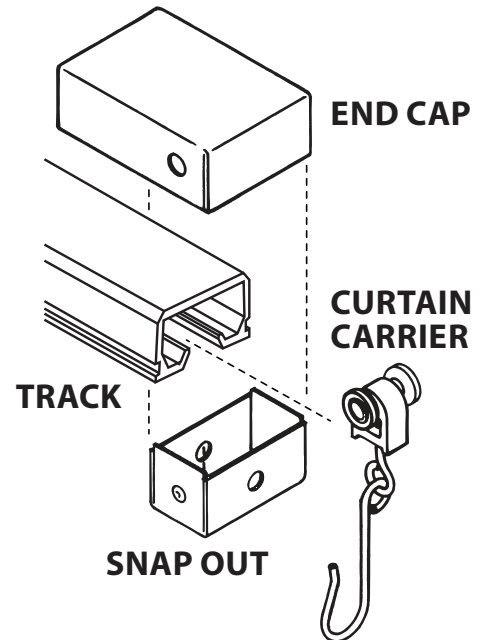
ALUMINUM TRACK & HARDWARE INSTALLATION

NOTE:

One pair of end caps consists of 2 each end caps and one each snap-out.

To install the tracks, use the procedure below.

1. Lightly mark the ceiling where the track is to be installed. Starting from the center point of the radius, drill in the exact center of the track at intervals of 3". When drilling ends of track, install End Caps and Snap Outs and drill through these simultaneously with the track. Drill size should be compatible with the fastenings being used. NOTE: fastenings should be of the pan head type, not greater than #12 in size.



2. Using boards or other suitable materials, prop the track against the ceiling, then mark the hole locations on the ceiling through the drill holes. Where the track is to be mounted on wood backing drill pilot holes into the ceiling, using the drill holes in the track as guides. Install wood screws of sufficient length to ensure a strong fastening.
3. An End Cap must be installed at the track terminus, and a Snap Out must be installed at the Curtain Stacking Point. It is not necessary to install Curtain Carriers at this point, but it may be done, if desired. To calculate the number of Curtain Carriers required, use the following formula:

$$\text{Number of Carriers} = (\text{Total Curtain Width} \times 2) + 1$$

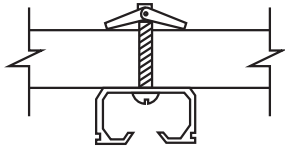
For example, if the total width of the curtain is 14 feet, then:

$$\text{Number of Carriers} = (14 \times 2) + 1 = 29$$

4. Where track is to be spliced, particular attention must be paid to the ends being joined. The Splices supplied are designed to provide a smooth transition from one section of track to the next, but burrs or other malformations of the ends being spliced could lead to binding or jamming of the Curtain Carriers. To avert this, remove burrs on the track ends to the extent that a small chamfer is formed, then slip both ends into the splice and put fasteners in both track ends.

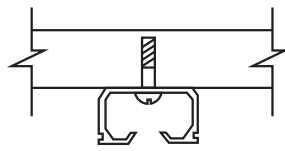
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ALUMINUM TRACK & HARDWARE INSTALLATION



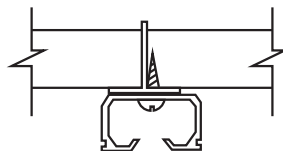
PLASTER & LATH OR GYPSUM BOARD

3/16" toggle bolt
3'0" o.c.



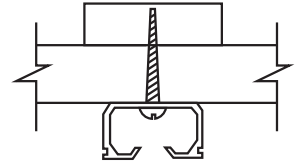
CONCRETE CEILING CONSTRUCTION

1" plastic plug
with #10x1" sheet
metal screws
staggered 3"0" o.c.



EXPOSED GRID SYSTEM

#6x1/2" sheet metal
screws



ACOUSTIC TILE MECHANICALLY SUSPENDED

1x3 fireproof
grounds with wood
screws

SUSPENDED INSTALLATION

For suspended installation, the same instructions apply as for the ceiling installation, but with the following exceptions.

1. The standard suspension height, measured from the floor is 7'3" and Wall Sockets should be installed at this height. Dimensions for Wall Sockets are specified in the Shop Drawing.
2. Place Large Bend, cut to proper size, with the ends in the Wall Sockets. Using boards or other suitable material, prop the Large Bend into position. If an additional cubicle is to be attached, fit a Radius Tie Assembly at the radius of the first cubicle.
3. With the track placed at the proper level, install Ceiling Sockets at all of the points called for in the Shop Drawing and cut risers to the required length. Attach risers by means of the furnished self-tapping screws. NOTE: Additional risers must be added at all spliced points in the track.
4. Curtain Carriers may be inserted by removing the Gate in the Wall Socket. Replace the Gate after carriers have been inserted.

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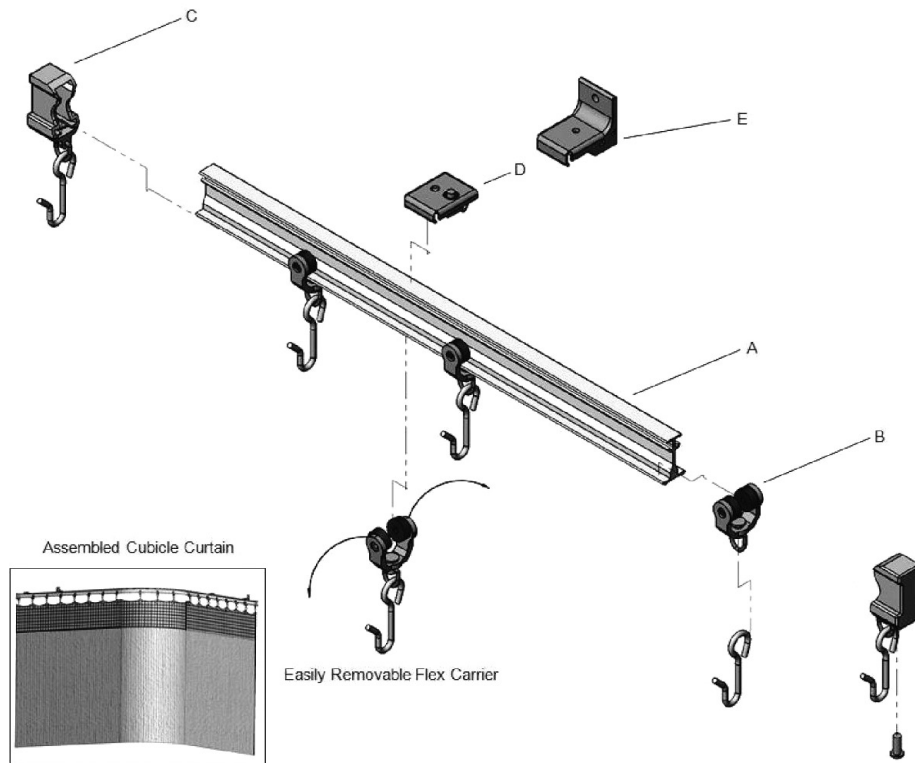
FLEXIBLE TRACK AND HARDWARE MATERIAL AND FABRICATION

1. Our Flexible track is constructed out of steel and resin composite materials. This allows the track the ability to hold vertical loads while also bending horizontally to any curve.
2. One piece of continuous track can be ordered in a roll of up to 164 ft.
4. It can be custom cut and bent by hand on-site into any shape or angle to fit the layout and shape of a curvature.
5. It can be wall mounted or ceiling mounted.
6. Near silent design will ensures soft, gentle and quiet hand operation without causing any uncomfortable noises.
7. Flexible tracks and hardware will not rust or distort under normal application.
8. Double curtains installation (in specific uses): Provide (2) parallel tracks for double curtain installation. Where (2) separate tracks meet they shall overlap each other approximately 24 inches.

Call **1-866-252-2568** and we can provide you with blackout curtains, track and hardware and roller shades to control your lighting applications.

FLEXIBLE TRACK & HARDWARE CUT SHEET

Flexible track requires bracket that is to be installed directly into the grid of a drop ceiling or via wall bracket.



PARTS

- A.** Cubicle Track – Steel and Resin Composite Materials
- B.** Flex Carrier with nylon Wheels and 360 Degree Rotating Hook
- C.** Track End Caps
- D.** Ceiling Mount Installation Bracket
- E.** Wall Mount Installation Bracket

SYSTEM FEATURES

- Easy-to-bend and easy-to-clean track
- Steel and Resin Composite Materials inhibits the growth of bacteria, mold and mildew
- Carriers are self-lubricating with nylon wheels for extra smooth and quiet traversing
- Spring loaded installation brackets allow for simple and easy installation and removal of the track
- Track comes in custom sizes and various kits

Call **1-866-252-2568** and we can provide you with blackout curtains, track and hardware and roller shades to control your lighting applications.

CARE AND CLEANING FOR ALUMINUM TRACK & HARDWARE

CUBICLE TRACKS:

Cubicle tracks require very little maintenance. If carriers do not move smoothly, check the track for binding. If the track is clear of debris, spray the inside of the track with a light coating of silicone spray.

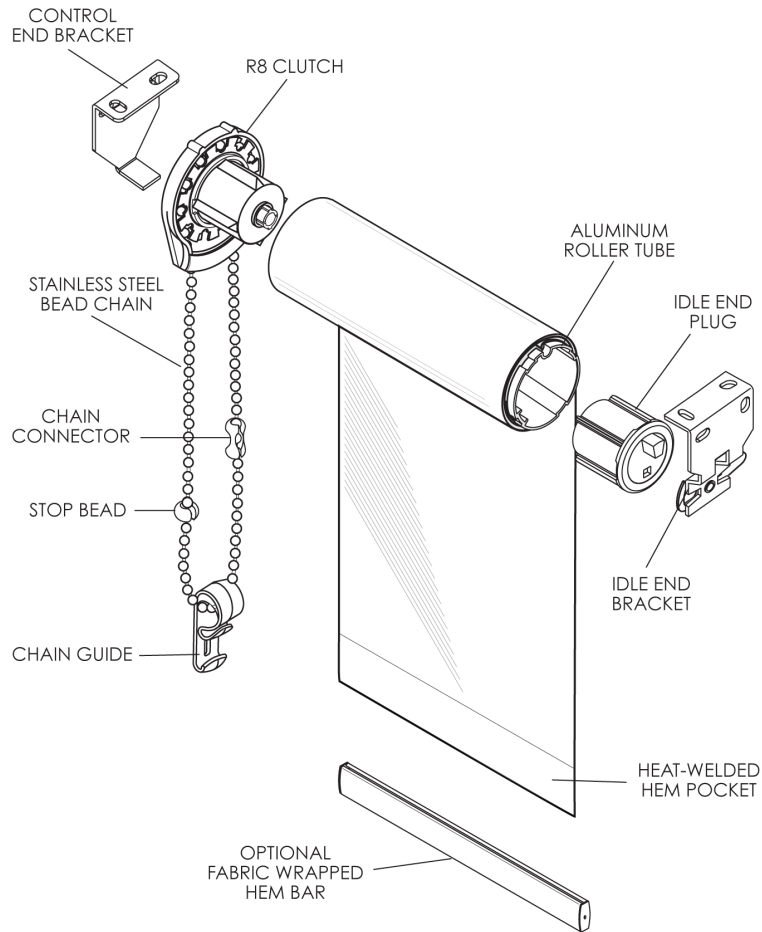
Be careful not to spray the curtains and wipe any excess spray from the track.

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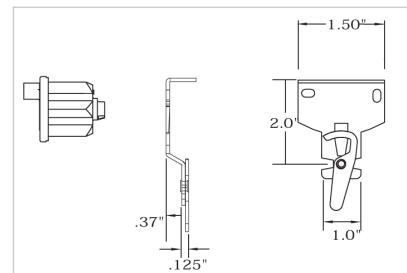
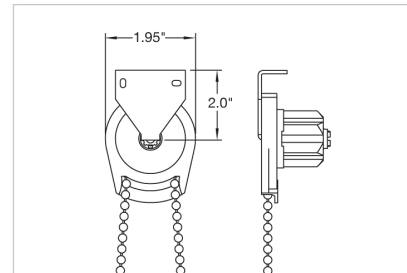
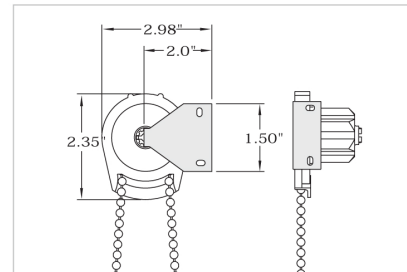


SPECIFICATIONS FOR ROLLER SHADES

MANUFACTURER: www.blackoutcurtains.com
676 Mendelssohn Ave N
Golden Valley, MN 55427
866.252.2568



Component Dimensions



- **R8 clutch system is designed to lift shades weighing up to eight pounds.**
- **Shades are raised and lowered by means of a #10 stainless steel bead chain.**
- **Roller tube is extruded aluminum engineered with a channel to accept fabric spline making the shade panel easy to remove.**
- **Hem bar is extruded aluminum and completely enclosed in a heat-welded hem pocket.**
Optional fabric wrapped hem bar.
- **Edge gap is 9/16" on the clutch end and 9/16" on the idler end.**

Call **1-866-BLACKOUT** and we can provide you with blackout curtains, track and hardware and roller shades to control your lighting applications.

ROLLER SHADE FIRE RATING



CLIENT: Indiana Coated Fabrics Inc.
Rte. 15 Poor Dr. POB 1017
Warsaw Kosciusko, IN 46581

Attn: William Haney

Test Report No: 606313

Date: May 8, 2006

SAMPLE SUBMITTED BY CLIENT AS: One (1) Sample: 12 Oz. Opaque/Duplex

DATE OF RECEIPT: May 3, 2006

TESTING PERIOD: May 6, 2006

TEST REQUESTED: NFPA 701 Test Method 1 – 2004 Edition

TEST RESULTS: Please refer to the following page.

PREPARED BY:

M. Szklarski
Mariusz Szklarski
Technician - Flammability
Textile Laboratory

**SIGNED FOR AND ON BEHALF OF
SGS U.S. TESTING COMPANY, INC.**

Greg S. Kolbeck
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Manager
Textile Laboratory

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and hardware and roller shades to control your lighting applications.

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ROLLER SHADE FIRE RATING



Report No.: 606313

Date: 5/08/06

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CLIENT: Indiana Coated Fabrics

RESULTS:

Flame Propagation of Textiles and Films NFPA 701 Test Method 1-2004 Edition					
Specimen	Original wt. (grams)	Post wt. (grams)	After Flame (seconds)	Residues (seconds)	Wt. Loss (percent)
1	29.2	26.8	0.0	0.0	8.2
2	29.5	26.7	0.0	0.0	9.5
3	29.5	26.2	0.0	0.0	11.2
4	29.4	26.4	0.0	0.0	10.2
5	29.3	26.5	0.0	0.0	9.6
6	29.8	26.4	0.0	0.0	11.4
7	29.7	26.9	0.0	0.0	9.4
8	29.9	27.3	0.0	0.0	8.7
9	30.0	27.4	0.0	0.0	8.7
10	30.0	27.2	0.0	0.0	9.3
			AVG	0.0	9.6
			3*STDEV		3.1
			AVG + 3STDEV		12.8

Requirements:

Fragments or residues of specimens that fall to the floor of the test chamber shall not continue to burn for more than an average of 2 seconds per specimen for the sample of 10 specimens. The average weight loss of the 10 specimens in a sample shall be 40% or less. No individual specimen's mass loss percent shall deviate more than 3 standard deviations from the mean for the 10 specimens.

CONCLUSION:

The submitted sample meets the requirements of NFPA 701 Test Method 1-2004 Edition, when tested in its original state.

End of Report

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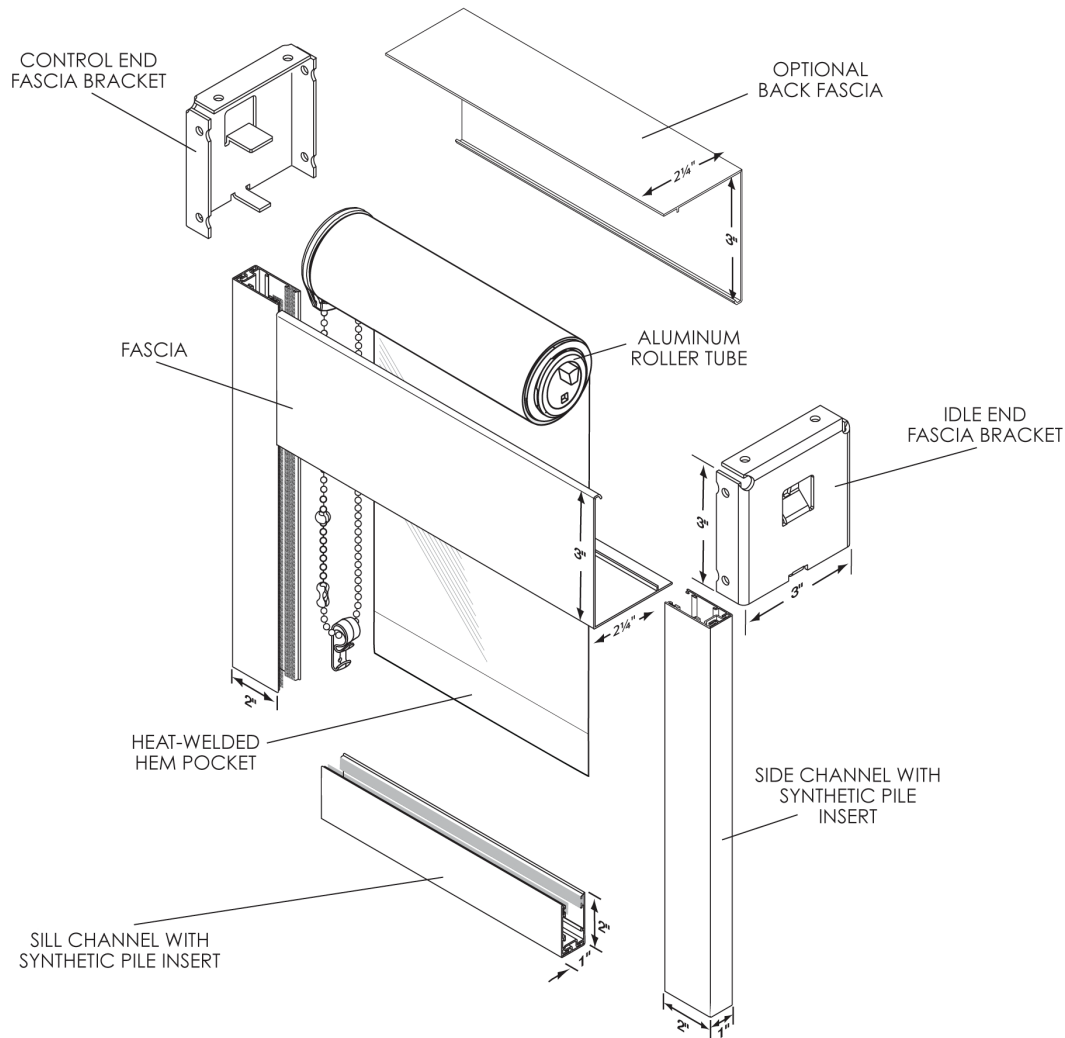
ROLLER SHADE FIRE RATING

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ROLLER SHADE WITH SIDE AND SILL CHANNEL CUT SHEET



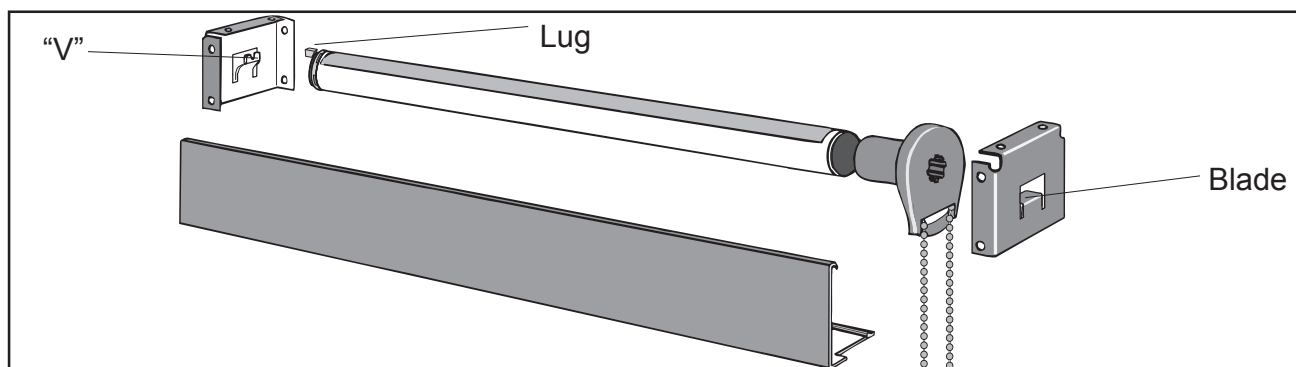
- Shades are raised and lowered by means of a #10 stainless steel bead chain.
- Roller tube is extruded aluminum engineered with a channel to accept fabric spline making the shade panel easy to remove.
- Hem bar is extruded aluminum and completely enclosed in a heat-welded hem pocket.
- Fascia measure 3" high with a 2-1/4" bottom lip and snaps onto 3"x3" fascia bracket.
Available in white, vanilla, clear anodized, bronze or black. Optional back fascia.
- Side and sill channels are 2"x1" extruded aluminum with synthetic pile inserts to eliminate light leakage. Available in white, clear anodized or bronze.

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ROLLER SHADE INSTALLATION

1. MOUNT THE BRACKETS The open end of each bracket faces downward, as shown in the drawing below.

NOTE: If you have an inside mount and must use "inside mount holes," you will have to drill your own holes in the side of the bracket. Use at least two screws per bracket, and make sure that the screw heads clear the clutch.

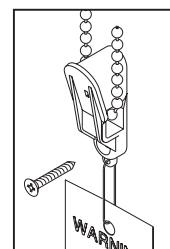


2. INSTALL THE SHADE Push the clutch straight onto the blade of its bracket. The bottom of the clutch should always point straight down, as shown above. Lower the lug of the end plug onto the "V" of its bracket. The roller should fit in the brackets securely, with just a little play.

3. ATTACH STOPS TO METAL OR PLASTIC BEAD CHAIN For plastic bead chain: use connector for top stop and attach another connector for lower stop. For metal bead chain: attach a metal stop ball at least 5/16" (8 mm) in diameter so that it touches the clutch when the shade is rolled all the way up. For both kinds of bead chain, lower the shade to sill or floor height, and snap the appropriate metal stop or plastic connector on the opposite side from the stop, so that the shade cannot be lowered beyond that point.

4. INSTALL THE TENSION DEVICE

The Tension Device reduces the hazards of strangulation and entanglement of young children by limiting access to the control cord. Anchor the Tension Device, that is attached to the shade's control cord or bead chain, to the window frame or wall, so that young children cannot pull the cord or bead chain around their necks.



a. Lower the shade.

b. Hold the Tension Device upright so the Warning Tag hangs straight down as shown in diagram.

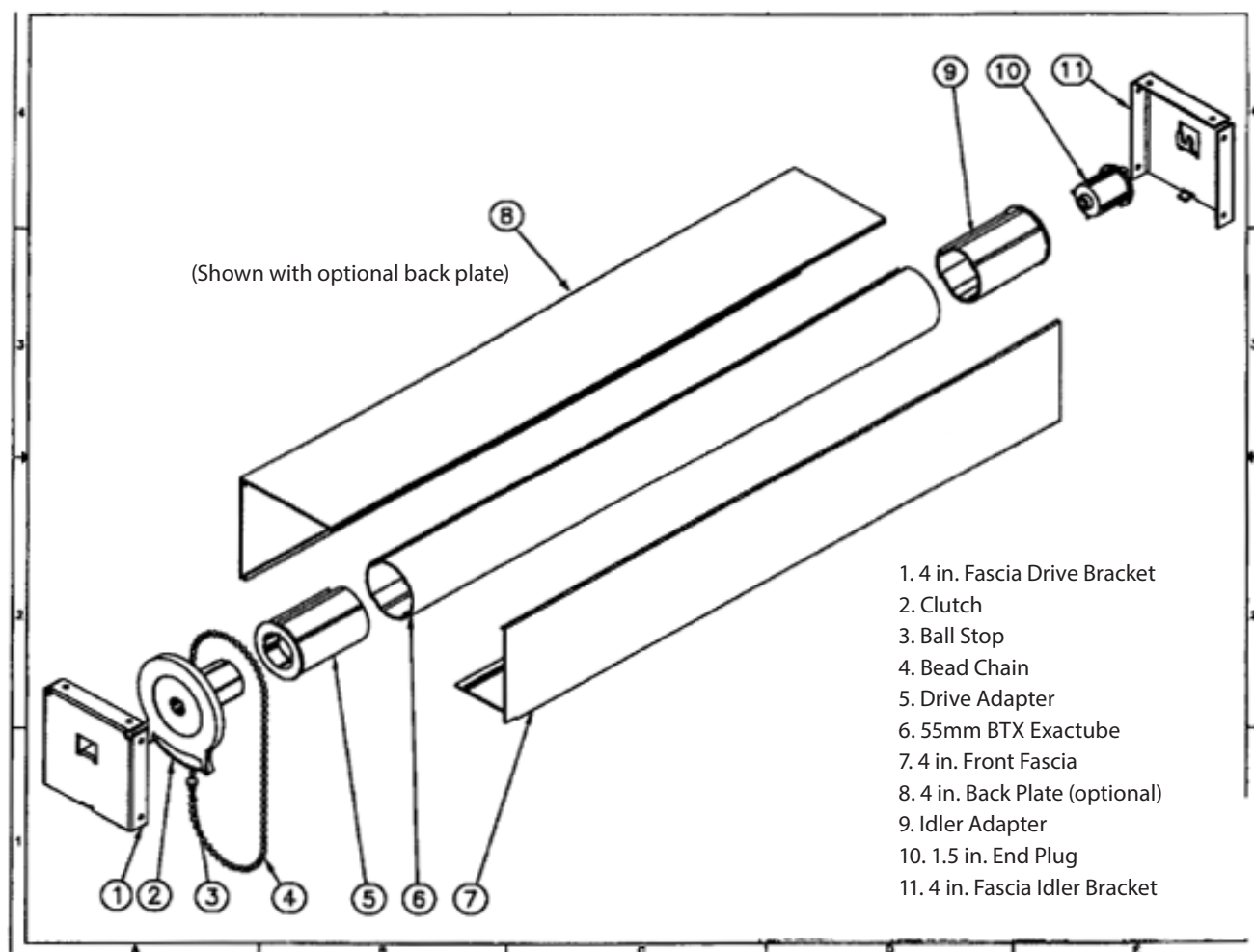
c. Position the Tension Device on the window frame or the wall so that the Tension Device and control cord do not interfere with raising or lowering the shade. **The Tension Device should be installed without stretching or pulling down on the control cord. Stretching the cord will cause excessive wear. Do not twist or cross the control cord.** If using stop balls on bead chain, position the tension device 1/4 inch higher to allow the stop ball to pass thru the tension device.

d. Holding the Tension Device upright, and in position, as shown, insert and secure the screw through the hole. **The mounting screw must be secured into a solid surface or molly.**

5. USE THE CONTROL CORD OR BEAD CHAIN TO OPERATE THE SHADE Pulling gently on one side of the control cord or bead chain raises the shade; pulling down on the other side lowers it.

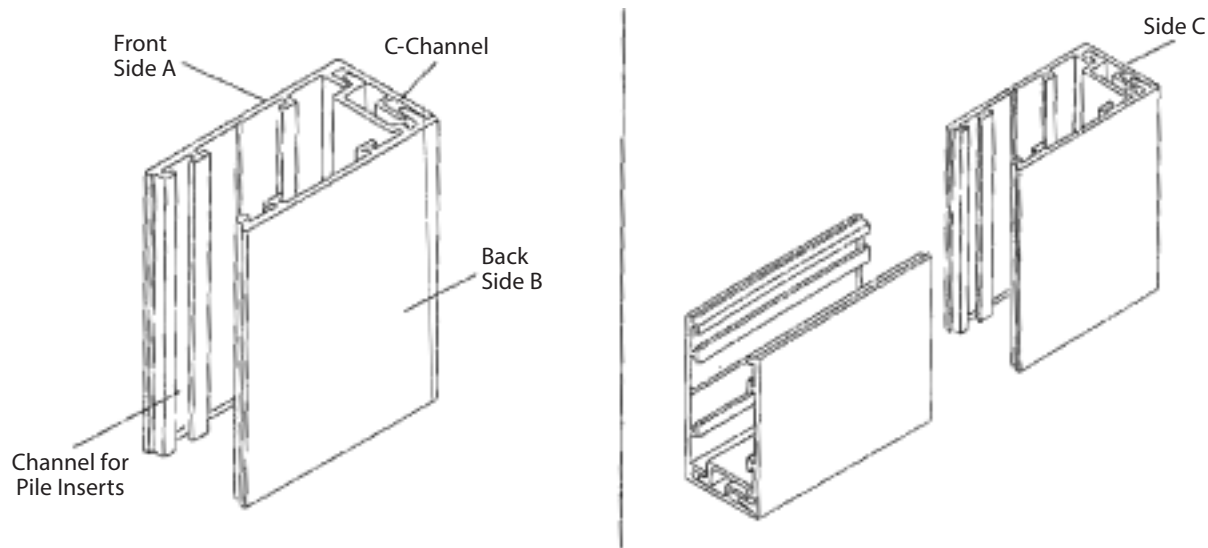
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ROLLER SHADE INSTALLATION



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SIDE AND SILL CHANNEL INSTALLATION



1. Install the shades prior to side channel installation.

2. Move shades to the full up position.

3. Ensure channel is cut to the correct size for the height from bracket/clutch to sill.

4. Install synthetic pile inserts into channels.

Crimp channels in extrusion to secure pile, if necessary.

5. For Face Mount:

- Install side B, ensure shade will pass in front of this channel
- Lightly crimp C channel for secure fit
- Snap side A into Side B

6. For Side Mount:

- Lightly crimp C channel for secure fit of pieces
- Snap side A into side B
- Install channel through side C

7. For Sill Channel Installation:

- To mount through side C into sill:
 - Lightly crimp C channel for secure fit of pieces
 - Snap side A into side B
 - Align channel with side channel
 - Install channel through side C
- To face mount the sill channel:
 - Align side B with side B of the side channel
 - Install side B, ensure shade will pass in front of this channel
 - Lightly crimp C channel for secure fit
 - Snap side A into side B

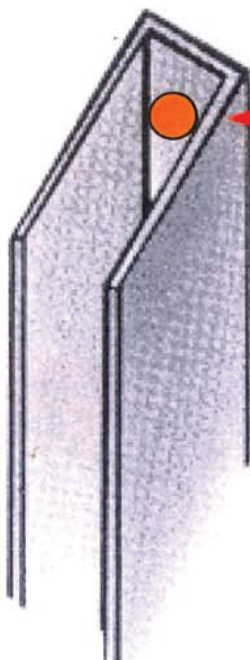
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ROLLER SHADE INSTALLATION

Side and Bottom 2 1/2 Inch Channel "Modular" Installation

#1 Install the Light Blocking Fascia

Test Shade to confirm it is rolling correctly.
Install front Fascia. Position side channels slightly under the Fascia.



Inside Frame Mount Installation

Locate a firm mounting point

Use two or three flat head screws. They must be fully set so bottom Bar will pass.

Operate shade to confirm it is rolling smoothly.
Secure side channels to the window frame by drilling directly through the back surface.

Outside Frame Mount Installation

Operate shade to confirm it is rolling smoothly.

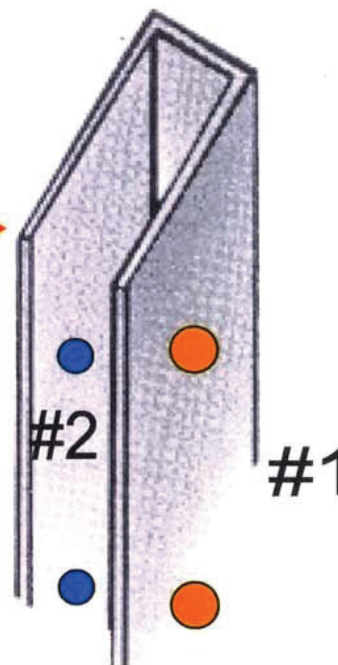
Mark position of the side channels.

Locate two firm mounting points.

Use a 1/2 inch bit too drill through the outside of the channel. #1

Use a 3/16 drill to drill through the inside channel. #2 Secure with two screws.

Seal the two 1/2 inch holes with the included plastic buttons.



Bottom Channel-Install between side channels.

Seal holes the two 1/2 inch holes with the included plastic buttons.

Fill in any gaps with matching Caulk.

The backs of the side channels can be interlock if installing between two windows. They must also be secured with screws or foam tape.

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LIGHT BLOCKING FASCIA INSTALLATION

Your Installation may require different screws to mount the brackets to the wall.

If your system is motorized disregard drawing parts #2-5 and #9

System consists of 2 End Plates - Part #1 and #11

Back Plate #8 and Front Fascia Plate #7

The inside of the Back Plate is the mounting surface for the Battery Wand - 1 set of brackets or Dual Battery Wands - 2 sets of brackets.

The Back Plate is marked where End Plate #1 and #11 will be installed - open side down.

There are four pre-drilled holes for each End Plate.

Determine if you will install the brackets to the top using the upper holes or the facing using the back holes.

You can also install inside the opening by drilling holes through the sides of the brackets. Screws must be flush and away from the shade area.

1. Assemble the End Plates #1 and #11 to the Back Plate

Secure each with two **short** self drilling screws through the holes you **WILL NOT** be using to mount the brackets to the wall. Leave screws slightly loose if any adjustments must be made. On completion of step #2 tighten.

2. Install the assembled unit from step #1 to the window frame

Use the four **long** self drilling screws through the two unused holes on each bracket. Confirm the installation is secure.

3. Install Battery Wand Clips (2 or 4)

Install through drilled holes in Back Plate. Slide the rubber bands on the Wand(s) so they align with the clips. Install the Battery Wand(s) into the mounting clips with the wire plug facing the End Plate #1. Unwind wire so it can be plugged into the motor.

4. Install Motor into Shade Roller

Align with the internal key.

5. Connect External Receiver Eye (Infra Red System only)

Connect mini plug to the matching port on the motor. Receiver Eye must pass through the shade slot and be located to receive Infra Red Signal. Use self adhesive back or screw. Do not install on front Fascia Plate (would prevent removal to access shade).

6. Connect Battery Wand

Connect at matching port on the motor. Follow motor programming instructions.

With the Fascia cover in place use matching caulk to stop any stray light leaks.

Follow additional instructions for:

Installing the shade

Programming the motor

Checking the shade is rolling correctly

Closing the Front Fascia cover

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CARE AND CLEANING INSTRUCTIONS

CLEANING:

Roller shade fabric may be cleaned by regular dusting or vacuuming with a soft brush attachment. For stained shades, sponge the fabric with a mild detergent and thoroughly rinse. Allow the shade to dry completely before raising. Do NOT completely immerse the fabric.

If commercial spot cleaners are used, they must first be tested and allowed to dry on an inconspicuous area, to ensure compatibility. Solar shade fabric may be cleaned by occasional vacuuming.

For stained shades, brush the fabric with a mild detergent and thoroughly rinse.

Allow the shade to dry completely before raising.

Do NOT completely immerse the fabric. If commercial spot cleaners or diluted bleach mixtures are used, they must first be tested and allowed to dry on an inconspicuous area, to ensure compatibility.

If deeper cleaning is desired, ultrasonic or injection/extraction cleaning may be done by a professional blind cleaner. Professional blind cleaners use a variety of methods to clean blinds and vary in their capabilities.

While blackoutcurtains.com knows that many of our window treatments can be safely cleaned using the appropriate ultrasonic or injection/extraction cleaning methods, we cannot guarantee the outcome of any cleaning services provided by an independent company. For assistance in locating a certified blind cleaner that serves your area, visit www.blindcleaners.net.

Do not use cleaning methods involving heat, bleach, abrasives, or solvents. Use of these methods will void the warranty.

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ROLLER SHADE COLORS AND SPECIFICATIONS

ROOM DARKENING RS (BLACKOUT)

Fenestration Properties



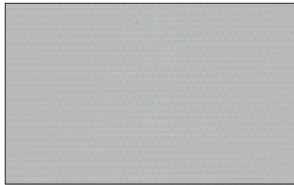
White
R6001



Creamy Beige
R6003



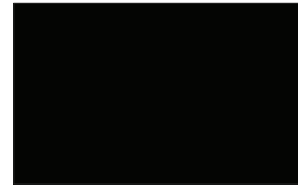
Beige Duplex
R6004



Smokey Duplex
R6005



Black on Black
R6013



Black Duplex
R6039

Actual color may vary

SWFcontract™ SHADING SYSTEMS

The solar optical properties are used to calculate the shading coefficient. The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker colors provide maximum glare reduction and visibility.

Fire Classification: NFPA 701-2004 TM#1 (small scale), California state Fire Marshall section 13115. Registration NO. F-35803, state of California Administrative Code title 19 Section 1237.1, NFPA 701-89 Large Scale test, FTMS 191 Method 5903

Bacteria and Fungal Resistance: ASTM G 21

SPECIFICATION DATA:

Openness Factor: 0%

Composition: 3 Ply Vinyl with 1 Ply Fiberglass

Standard Widths: 72"

Standard Roll Length: 30 LY



Room Darkening RS (Blackout) 0% Openness Room Darkening RS (Blackout) - 0%

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- 25 years for the interior project for which it was originally purchased from the date of shipment on the mounting hardware, headbox, clutch, fascia, shade fabric, valance, curtain grommets, curtain and curtain track.
- 5 years from date of shipment on the controls, electronic accessories and motors for the above products.

This Limited Warranty extends only to the Customer, and is not transferable. This Limited Warranty is applicable to products that are repaired or replaced for the balance of the Warranty Period or for ninety (90) days from the date the product is repaired or replaced, whichever is longer. If a product breaches this Limited Warranty, the Customer may contact Blackoutcurtains.com, within a reasonable time after the Customer discovers the defect. Subject to the conditions and limitations set forth below (the "Excluded Items"), Blackoutcurtains.com will, at its discretion, either repair or replace any part of the product that proves defective by reason of improper workmanship or materials. If the Customer returns a product to Blackoutcurtains.com and Blackoutcurtains.com determines that this Limited Warranty does not apply, Blackoutcurtains.com will not return the product to the Customer unless the Customer requests it to do so and pays all expenses of shipment. If Customer does not request and pay for Blackoutcurtains.com to return the product, it will become Blackoutcurtains.com's property. Any product covered by this Limited Warranty (as determined by Blackoutcurtains.com) will, after repair or replacement, be shipped back to the Customer at Blackoutcurtains.com's expense.

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