

Roller Shades Specification Catalog



HunterDouglasContract

WINDOW COVERINGS

Hunter Douglas Contract
Roller Shades provide an excellent
solution for controlling light and
glare. Simple, versatile, distinctive,
and cost-effective, our line includes
a wide range of decorative and
performance fabrics, mounted on
high-quality hardware.

- 1 | MANUAL ROLLER SHADES
- 2 | MOTORIZED ROLLER SHADES
- 3 | DEDUCTION CHARTS
- 4 | FABRIC SELECTOR





Inside Cover: Hessie Noord Natie Office, Antwerp, Belgium
Architect: Conix Architecten
Product: Roller Shades

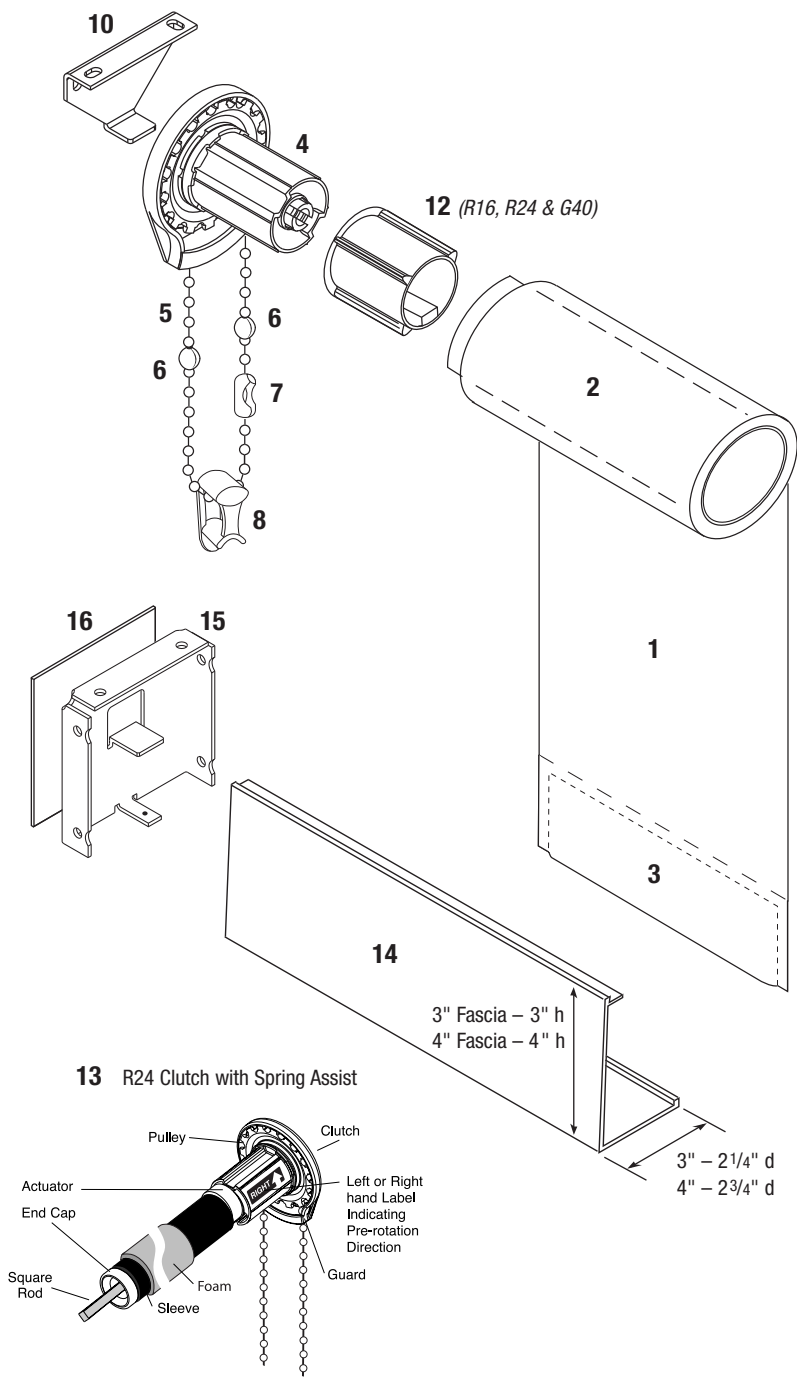
Front Cover: Reflections at Bloomington Central, Bloomington, MN
Architect: Elness Swenson Graham Architects with ArchitectsAlliance
Product: Motorized Roller Shades

Manual Roller Shades





— MANUAL ROLLER SHADE —



STANDARD COMPONENTS:

1. Fabric
2. Roller Tube Dimensions:
 - R8 1 1/8" Diameter
 - R16 1 1/2" Diameter
 - R16 2" Diameter
 - G40 2 1/2" Diameter
 - R24 3" Diameter
 - R24 with Spring Assist ... 3" Diameter
3. 2" Sealed Pocket Hem Bar
4. Clutch
5. Bead Chain
6. Bead Chain Stops
7. Bead Chain Connector
8. Tension Device
9. End Plug
10. Clutch Bracket
Available in R8 and R16 sizes
11. End Plug Bracket
12. Adapter for R16, R24 and G40 Clutches & End Plugs
13. R24 Clutch with Spring Assist

OPTIONAL COMPONENTS:

- Fabric Covered Bottom Bar, Flat or Oval
14. Front Fascia – 3"/4"
 15. Fascia Brackets
Available in R8 and R16 sizes
 16. End Caps – 3"/4"

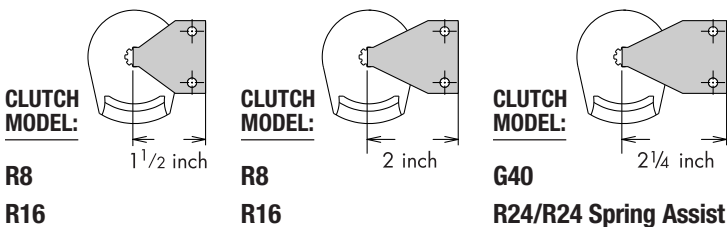
FASCIA & BRACKET COLORS:

- Vanilla • White • Bronze
 - Anodized • Black
- (See page 4-2 for color chart.)

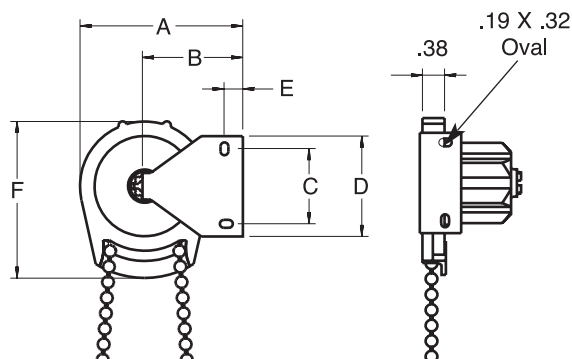
SHADE SIZES & WEIGHTS:

CLUTCH MODEL	SHADE WIDTH	SHADE DROP	MAXIMUM WEIGHT
R8	12" – 72"	12" – 144"	8 lbs.
R16	72 1/8" – 120"	12" – 144"	16 lbs.
G40	120 1/8" – 156"	12" – 144"	40 lbs.
R24/R24 with Spring Assist	156 1/8" – 192"	12" – 144"	40 lbs.

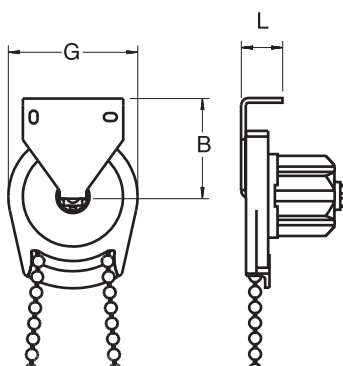
BRACKET PROJECTIONS:



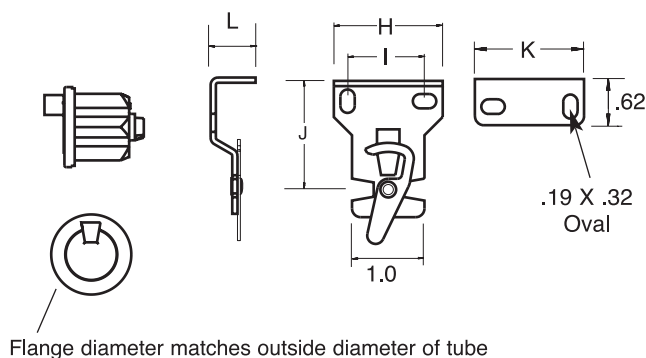
— COMPONENT DIMENSIONS —



**Outside &
Inside Mount**



Ceiling Mount



**End Plug and
Bracket with
Retainer**

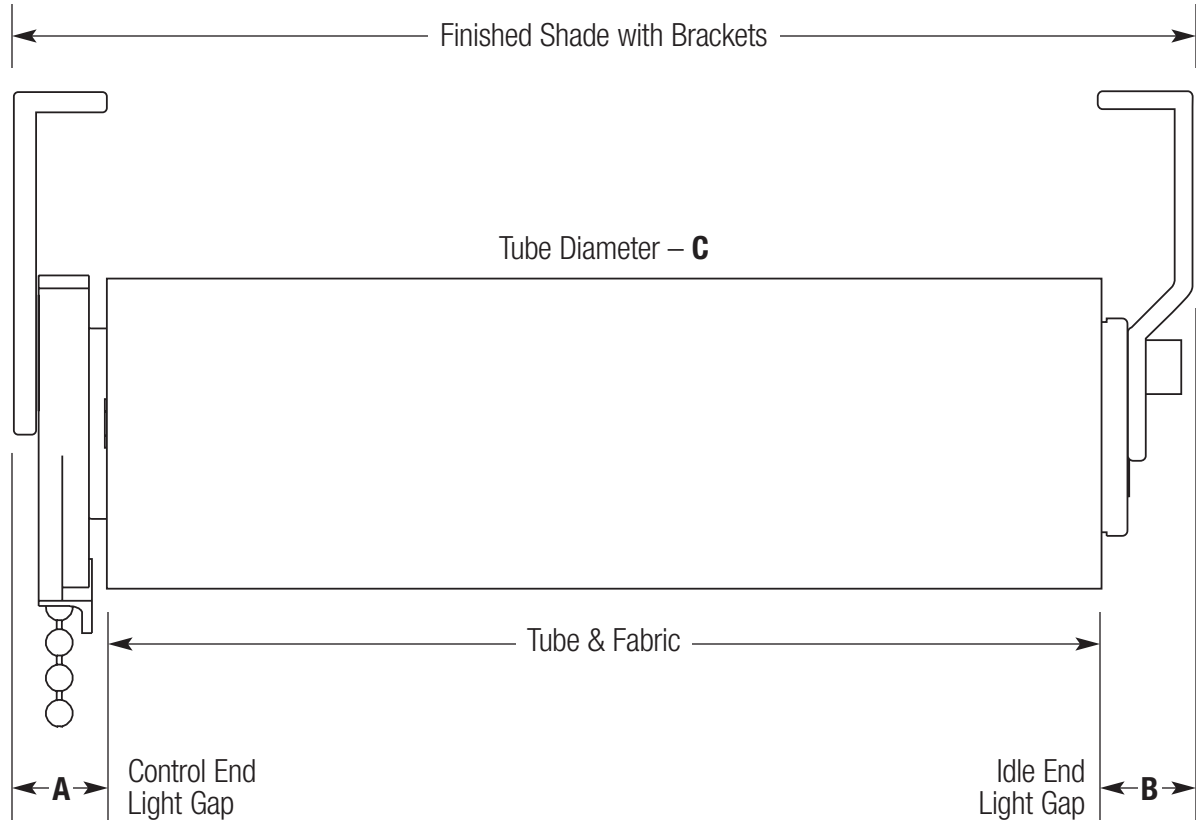
COMPONENT DIMENSIONS:

CLUTCH MODEL	BRACKET MODEL	A	B	C	D	E	F	G	H	I	J	K	L
R8	1 1/2" Projection	2.48"	1.5"	1.06"	1.5"	0.28"	2.35"	1.95"	1.5"	1.125"	1.5"	1.5"	.62"
	2" Projection	2.98"	2.0"	1.06"	1.5"	0.28"	2.35"	1.95"	1.5"	1.125"	2.0"	1.5"	.62"
R16	1 1/2" Projection	2.95"	1.62"	2.0"	2.5"	0.31"	3.21"	2.65"	2.5"	2.0"	1.5"	2.5"	.62"
	2" Projection	3.45"	2.12"	2.0"	2.5"	0.31"	3.21"	2.65"	2.5"	2.0"	2.0"	2.5"	.62"
G40*	2 1/4" Projection	4.0"	2.25"	1.75"	3.0"	0.375"	4.25"	3.50"	3.0"	1.75"	2.25"	3.0"	.62"
R24/R24 WITH SPRING ASSIST	2 1/4" Projection	4.0"	2.25"	1.75"	3.0"	0.375"	4.25"	3.50"	3.0"	1.75"	2.25"	3.0"	.62"

* Requires more chain length due to greater gear ratio

— SINGLE SHADE MOUNTING —

(Deductions will be taken by manufacturer. Please order desired width.)

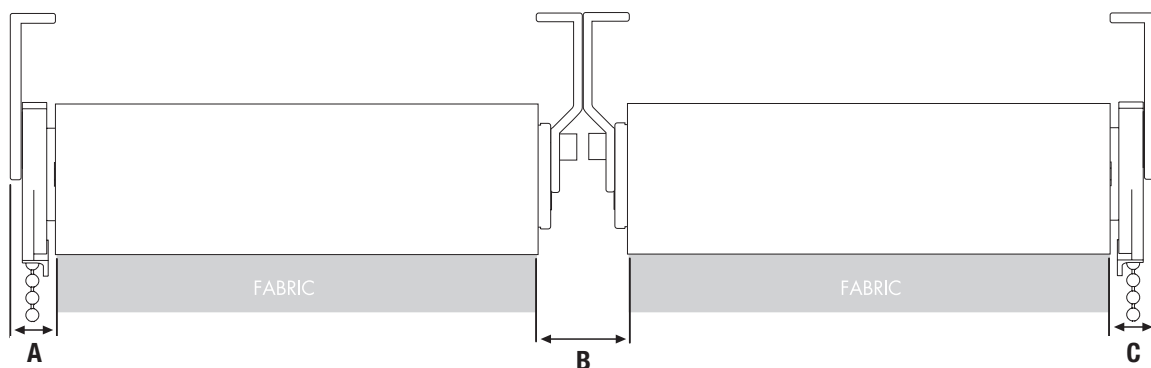


SINGLE SHADE MOUNTING DIMENSIONS:

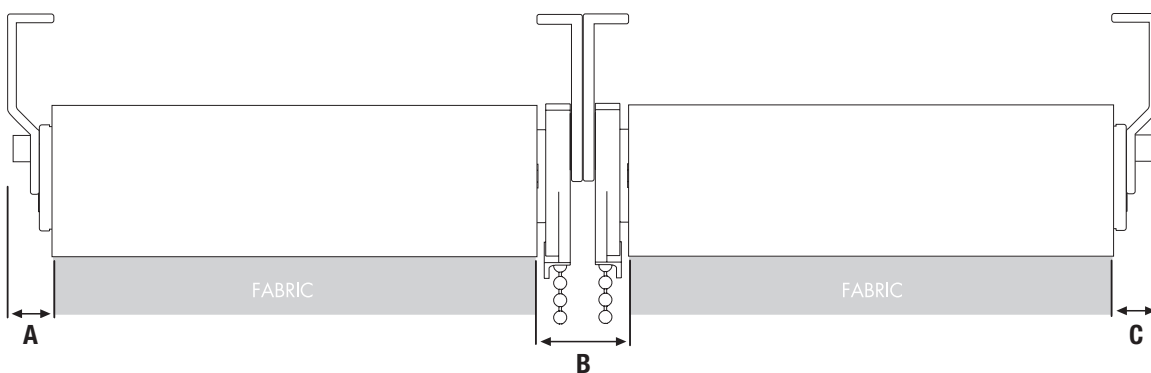
CLUTCH MODEL	CONTROL END LIGHT GAP A	IDLE END LIGHT GAP B	TUBE DIAMETER C
R8	.510"	.573"	1 1/8"
R16	.635"	.573"	1 1/2" / 2"
G40	7/8"	5/8"	2 1/2"
R24/R24 with Spring Assist	7/8"	5/8"	3"

— SIDE-BY-SIDE MOUNTING —

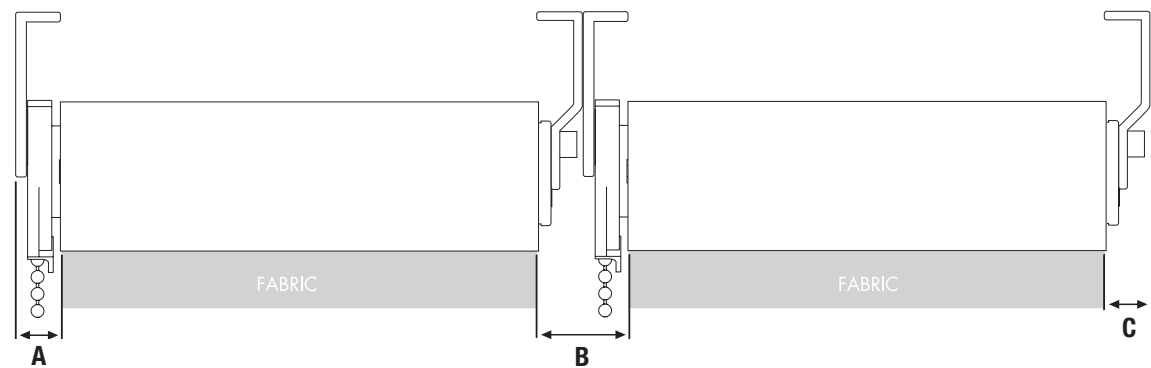
LEFT AND RIGHT CLUTCHES



RIGHT AND LEFT CLUTCHES



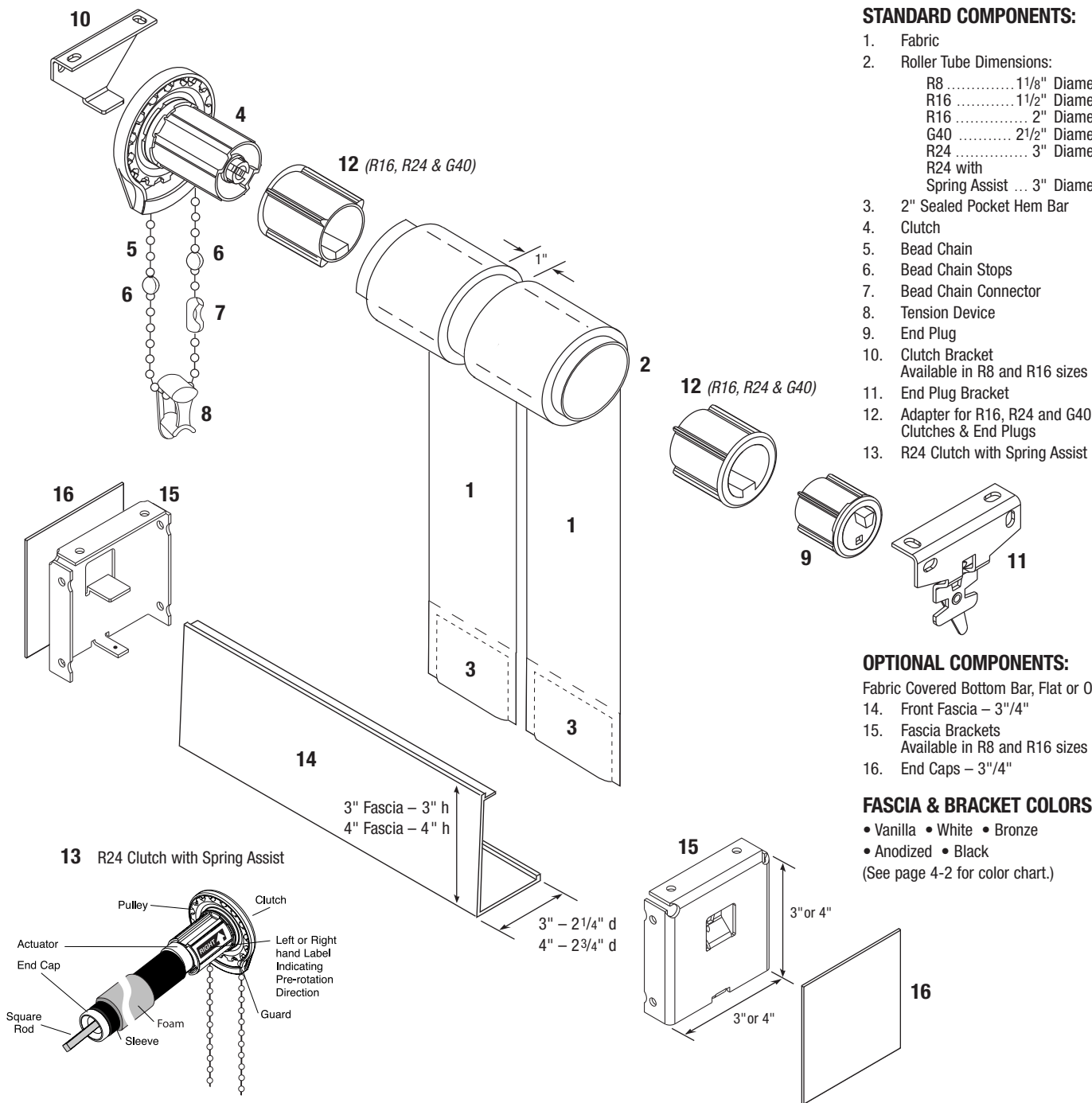
LEFT CLUTCHES



SIDE-BY-SIDE GAP DIMENSIONS:

CLUTCH MODEL	LEFT & RIGHT CLUTCHES			RIGHT & LEFT CLUTCHES			LEFT CLUTCHES		
	A	B	C	A	B	C	A	B	C
R8	1/2"	1 1/8"	1/2"	9/16"	1"	9/16"	1/2"	1 1/16"	9/16"
R16	5/8"	1 1/8"	5/8"	9/16"	1 1/4"	9/16"	5/8"	1 3/16"	9/16"
G40	7/8"	1 1/4"	7/8"	5/8"	1 3/4"	5/8"	5/8"	1 1/2"	5/8"
R24/R24 with Spring Assist	7/8"	1 1/4"	7/8"	5/8"	1 3/4"	5/8"	5/8"	1 1/2"	5/8"

— MANUAL BANDED ROLLER SHADE —



STANDARD COMPONENTS:

- 1. Fabric
- 2. Roller Tube Dimensions:
 - R8 1 1/8" Diameter
 - R16 1 1/2" Diameter
 - R16 2" Diameter
 - G40 2 1/2" Diameter
 - R24 3" Diameter
 - R24 with Spring Assist ... 3" Diameter
- 3. 2" Sealed Pocket Hem Bar
- 4. Clutch
- 5. Bead Chain
- 6. Bead Chain Stops
- 7. Bead Chain Connector
- 8. Tension Device
- 9. End Plug
- 10. Clutch Bracket
Available in R8 and R16 sizes
- 11. End Plug Bracket
- 12. Adapter for R16, R24 and G40 Clutches & End Plugs
- 13. R24 Clutch with Spring Assist

OPTIONAL COMPONENTS:

- Fabric Covered Bottom Bar, Flat or Oval
- 14. Front Fascia – 3"/4"
 - 15. Fascia Brackets
Available in R8 and R16 sizes
 - 16. End Caps – 3"/4"

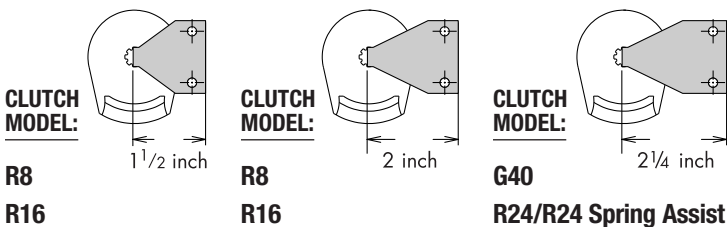
FASCIA & BRACKET COLORS:

- Vanilla • White • Bronze
 - Anodized • Black
- (See page 4-2 for color chart.)

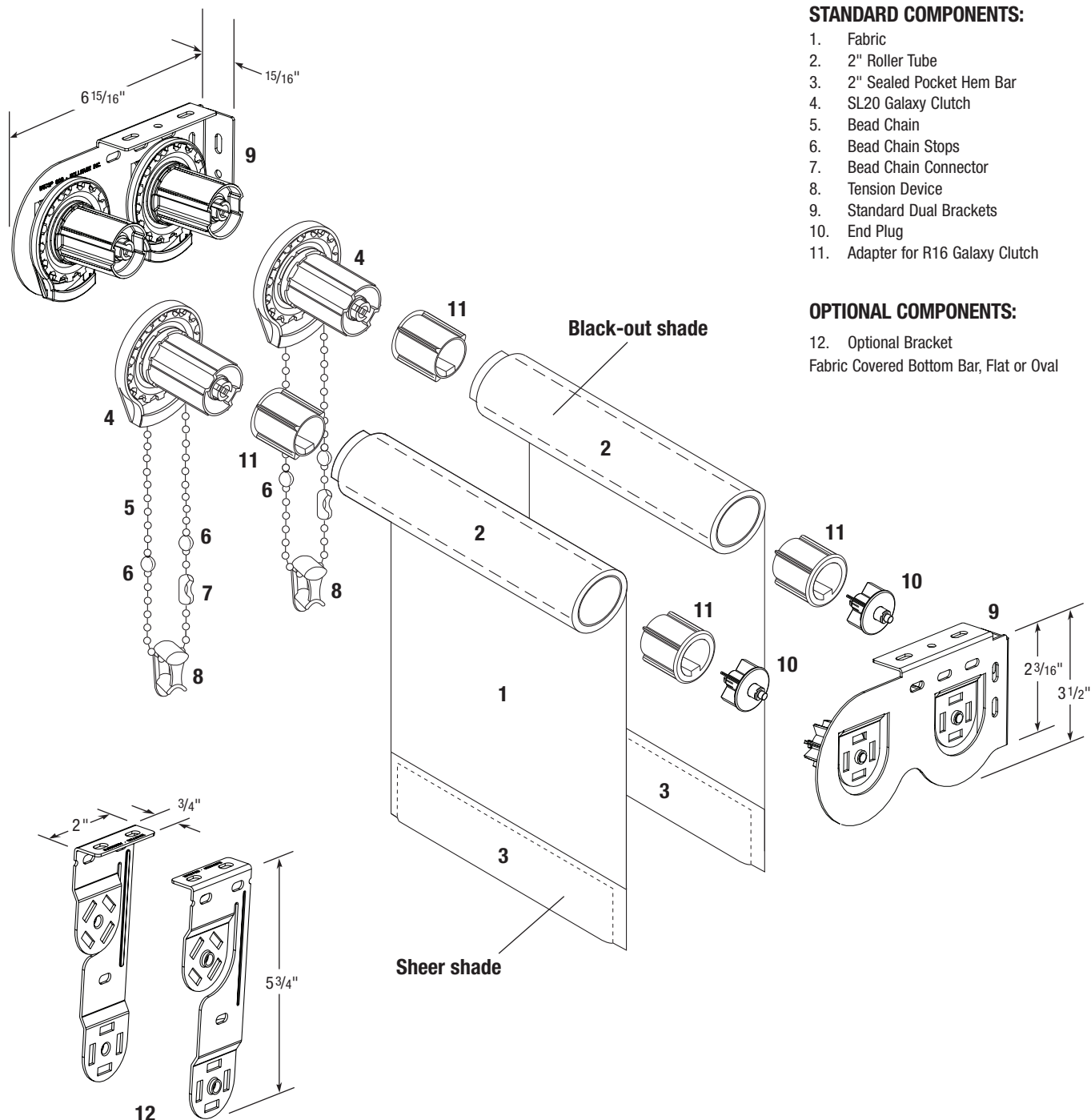
SHADE SIZES & WEIGHTS:

CLUTCH MODEL	SHADE WIDTH	SHADE DROP	MAXIMUM WEIGHT
R8	12" – 72"	12" – 144"	8 lbs.
R16	72 1/8" – 120"	12" – 144"	16 lbs.
G40	120 1/8" – 156"	12" – 144"	40 lbs.
R24/R24 with Spring Assist	156 1/8" – 192"	12" – 144"	40 lbs.

BRACKET PROJECTIONS:



DUAL MANUAL ROLLER SHADES



STANDARD COMPONENTS:

1. Fabric
2. 2" Roller Tube
3. 2" Sealed Pocket Hem Bar
4. SL20 Galaxy Clutch
5. Bead Chain
6. Bead Chain Stops
7. Bead Chain Connector
8. Tension Device
9. Standard Dual Brackets
10. End Plug
11. Adapter for R16 Galaxy Clutch

OPTIONAL COMPONENTS:

12. Optional Bracket
- Fabric Covered Bottom Bar, Flat or Oval

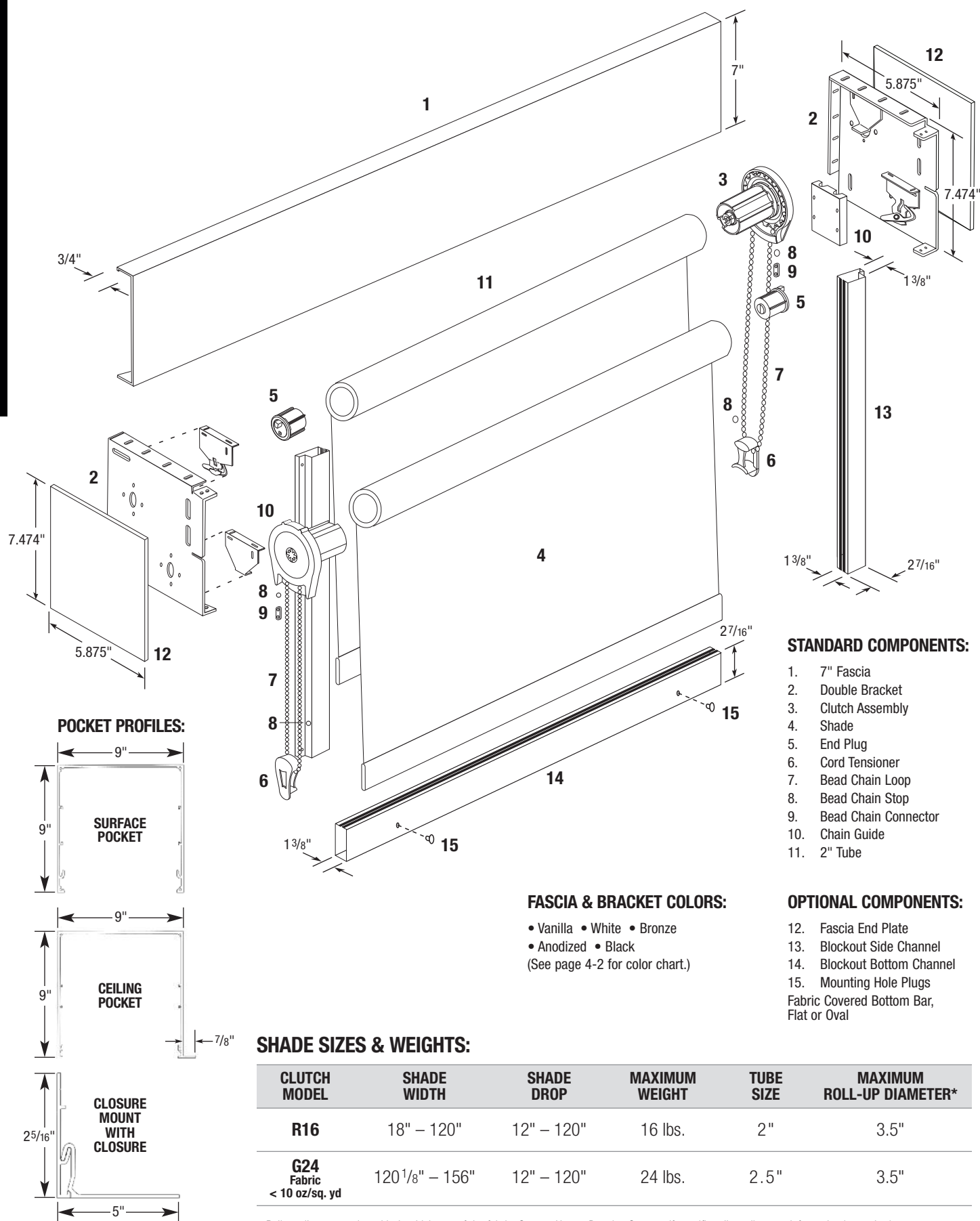
SHADE SIZES & WEIGHTS:

CLUTCH MODEL	SHADE WIDTH	SHADE DROP	MAXIMUM WEIGHT	TUBE SIZE	MAXIMUM ROLL-UP DIAMETER*
SL20 Galaxy	18" – 120"	12" – 120"	16 lbs.	2"	3.4"

* Roll-up diameter varies with the thickness of the fabric. Contact Hunter Douglas Contract if specific roll-up diameter information is required.

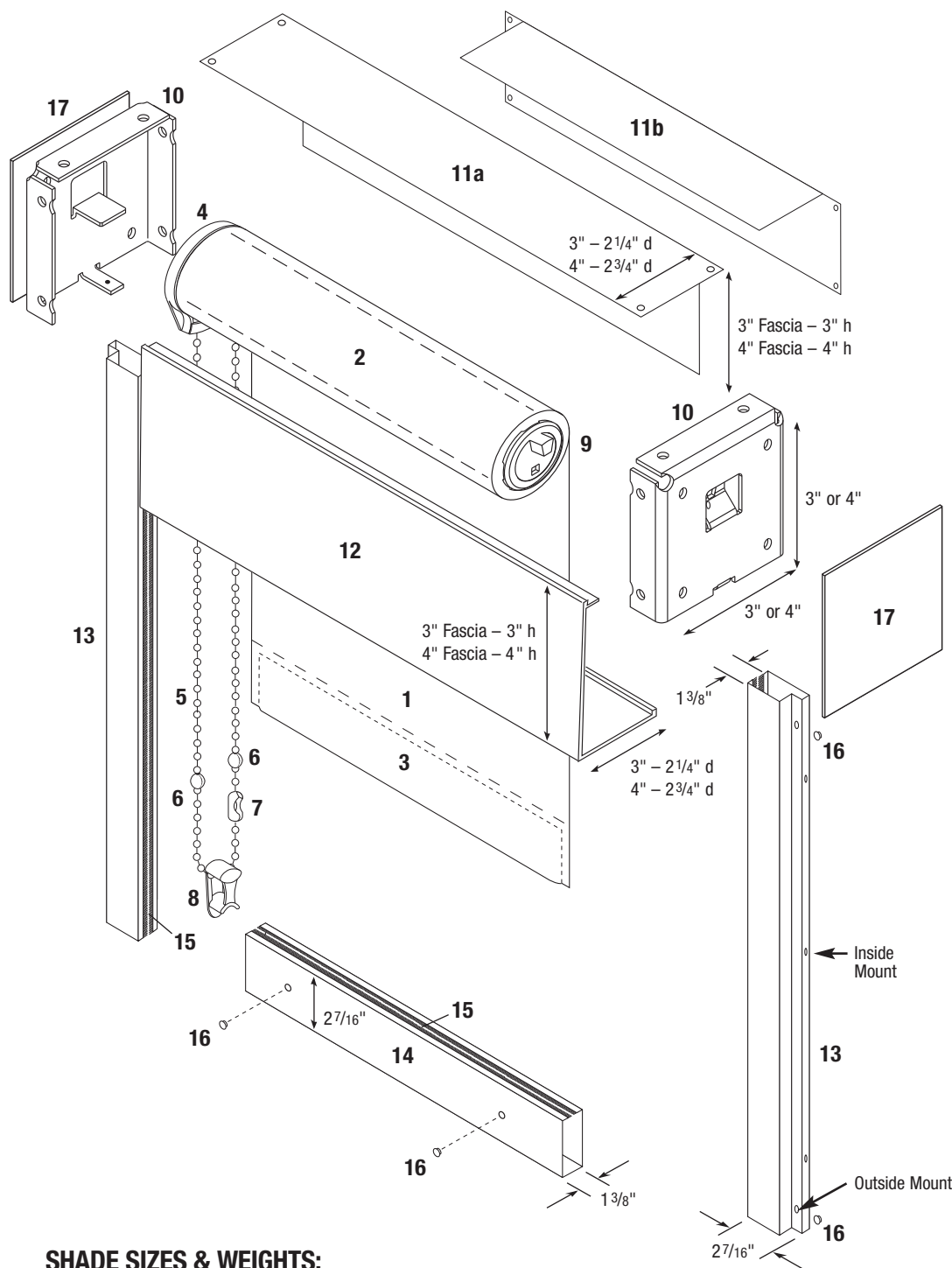
NOTE: Recommended for inside mount applications only.

DUAL MANUAL SHADES WITH FASCIA



* Roll-up diameter varies with the thickness of the fabric. Contact Hunter Douglas Contract if specific roll-up diameter information is required.

— MANUAL SHADE WITH BLOCKOUT SYSTEM —



STANDARD COMPONENTS:

1. Fabric
2. Roller Tube Dimensions:
R8 1 1/8" Diameter
R16 1 1/2" Diameter
R16 2" Diameter
G40 2 1/2" Diameter
R24 3" Diameter
3. 2" Sealed Pocket Hem Bar
4. Clutch
5. Bead Chain
6. Bead Chain Stops
7. Bead Chain Connector
8. Tension Device
9. End Plug
10. 3" / 4" Fascia Brackets
R8 1 1/8" Diameter
R16 1 1/2" Diameter
- 11a. Top/Back Fascia (OM)
3" Dimensions: 3" h x 2 1/4" d
4" Dimensions: 4" h x 2 3/4" d
- 11b. Top/Back Fascia (IM)
3" Dimensions: 2 1/4" h x 3" d
4" Dimensions: 2 3/4" h x 4" d
12. Front Fascia
3" Dimensions: 3" h x 2 1/4" d
4" Dimensions: 4" h x 2 3/4" d
13. Side Channels
Dimensions: 27/16" w x 1 3/8" d
14. Bottom Channel
Dimensions: 27/16" h x 1 3/8" d
15. Wool Pile
16. Mounting Hole Plugs (outside mount only)

OPTIONAL COMPONENTS:

17. End Caps – 3" / 4"
- Fabric Covered Bottom Bar, Flat

FASCIA & BRACKET COLORS:

- Vanilla • White • Bronze
 - Anodized • Black
- (See page 4-2 for color chart.)

SHADE SIZES & WEIGHTS:

CLUTCH MODEL	SHADE WIDTH	SHADE DROP	MAXIMUM WEIGHT	TUBE SIZE 3" FASCIA	TUBE SIZE 4" FASCIA	MAXIMUM ROLL-UP DIAMETER* 3" FASCIA	MAXIMUM ROLL-UP DIAMETER* 4" FASCIA
R8	12" – 72"	12" – 144"	8 lbs.	1 1/8"	—	27/8"	—
R16	72 1/8" – 90"	12" – 144"	16 lbs.	1 1/2"	1 1/2"	27/8"	37/8"
R16	90 1/8" – 120"	12" – 144"	16 lbs.	—	2"	—	37/8"
G40	120 1/8" – 156"	12" – 144"	40 lbs.	—	2 1/2"	—	37/8"
R24	156 1/8" – 192"	12" – 144"	24 lbs.	—	3"	—	37/8"
R24 with Spring Assist	156 1/8" – 192"	12" – 144"	40 lbs.	—	3"	—	37/8"

* Roll-up diameter varies with the thickness of the fabric and tube diameter. Contact Hunter Douglas Contract if specific roll-up diameter information is required.

— MANUAL SHADE WITH EXTRUDED POCKET —

STANDARD COMPONENTS:

- 1. Fabric
- 2. 2" Roller Tube
- 3. 2" Sealed Pocket Hem Bar
- 4. Clutch
- 5. Bead Chain
- 6. Bead Chain Stops
- 7. Bead Chain Connector
- 8. Tension Device
- 9. End Plug
- 10. Clutch Bracket
- 11. End Plug Bracket
- 12. Extruded Pocket
- 13. Pocket Bottom Closure
- 14. Pocket End Plate

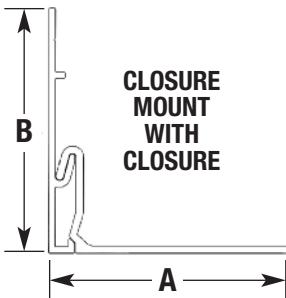
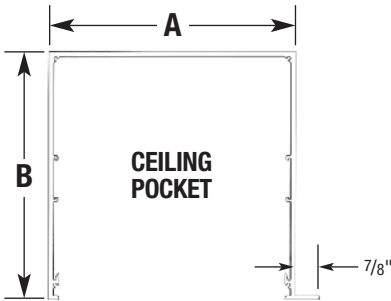
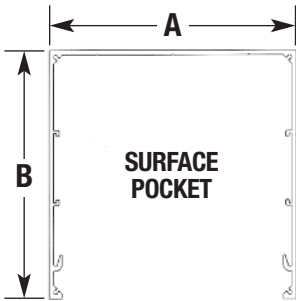
OPTIONAL COMPONENTS:

Fabric Covered Bottom Bar
Flat or Oval

EXTRUDED POCKET COLORS:

- White • Anodized
- (See page 4-2 for color chart.)

POCKET PROFILES:



POCKET DIMENSIONS:

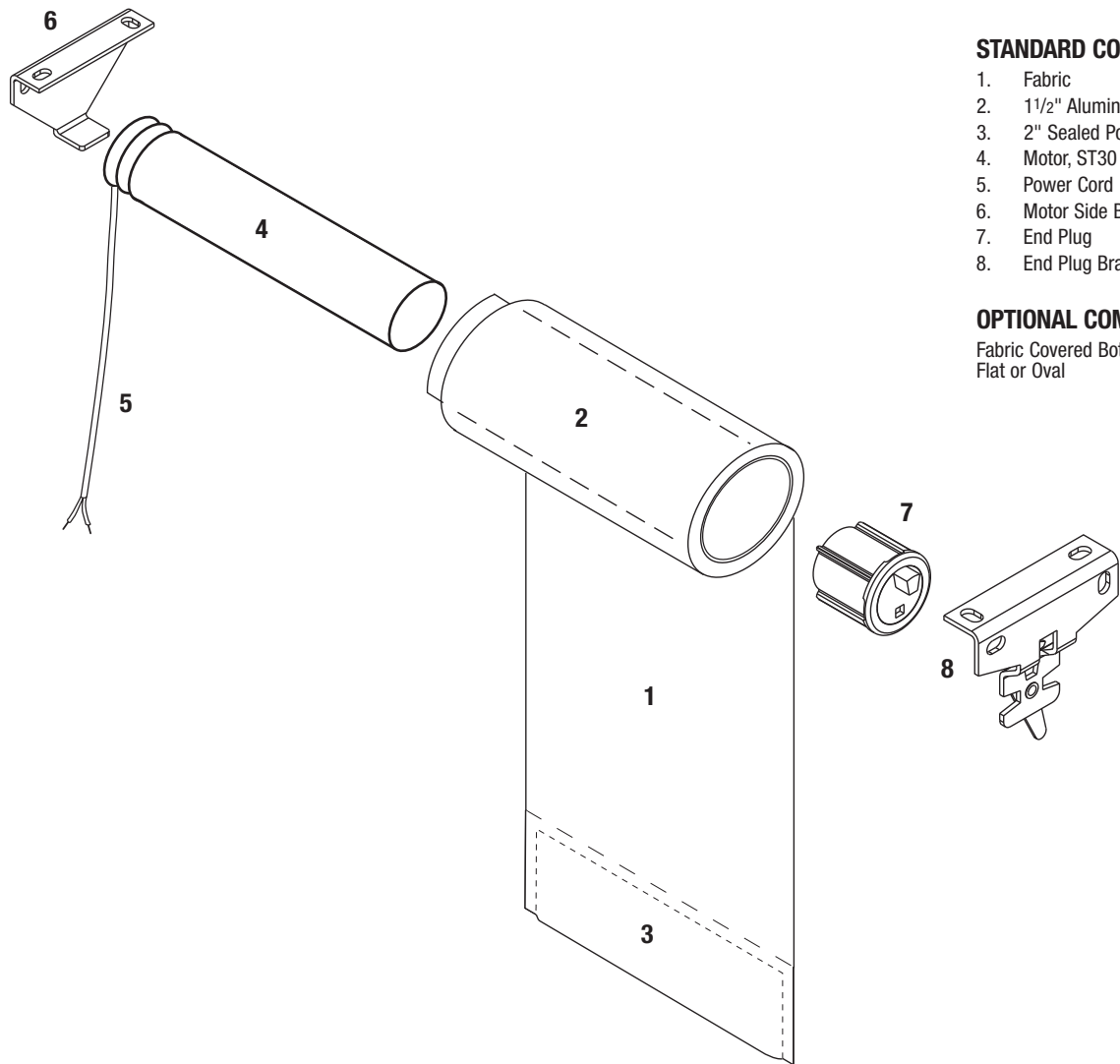
POCKET SIZE	WIDTH A	HEIGHT B
Surface Pocket	5 1/4"	5 1/4"
	9"	9"
Ceiling Pocket	5 1/4"	5 1/4"
	9"	9"
Closure Mount (B) with 2" Closure (A)	2"	2 5/16"
Closure Mount (B) with 3" Closure (A)	3"	2 5/16"
Closure Mount (B) with 5" Closure (A)	5"	2 5/16"

Motorized Roller Shades

MOTORIZED ROLLER SHADES



— MOTORIZED ROLLER SHADE —
ST30 DC MOTOR (RTS)



STANDARD COMPONENTS:

- 1. Fabric
- 2. 1 1/2" Aluminum Roller Tube
- 3. 2" Sealed Pocket Hem Bar
- 4. Motor, ST30
- 5. Power Cord
- 6. Motor Side Bracket
- 7. End Plug
- 8. End Plug Bracket

OPTIONAL COMPONENTS:

Fabric Covered Bottom Bar,
Flat or Oval

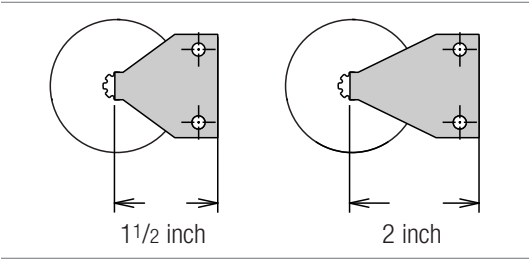
TRANSFORMER DIMENSIONS:

MOTOR MODEL	OUTPUT	INPUT	HEIGHT	LENGTH	WIDTH
ST30	24V-1.125A	AC 100-240V ~ 50/60Hz 0.7A	1.25"	3.75"	2.0"
ST30	24V-10A	AC 100-240V ~ 50/60Hz 3.5A	4.0"	4.9375"	4.9375"
ST30	24V-5A (On Switch)	AC 100-120V ~ 50/60Hz 3.3A	4.0"	4.9375"	2.5625"
		AC 200-240V ~ 50/60Hz 2.0A	4.0"	4.9375"	2.5625"

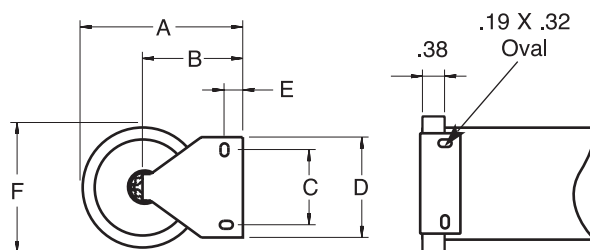
SHADE SIZES & WEIGHTS:

MOTOR MODEL	SHADE WIDTH	SHADE DROP	MAXIMUM WEIGHT
ST30	20" – 72"	12" – 96"	12 lbs.

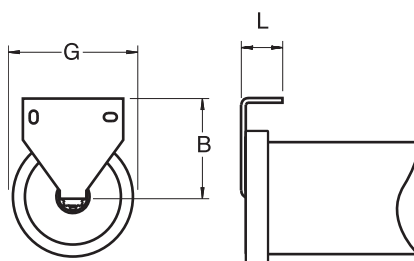
BRACKET PROJECTIONS:



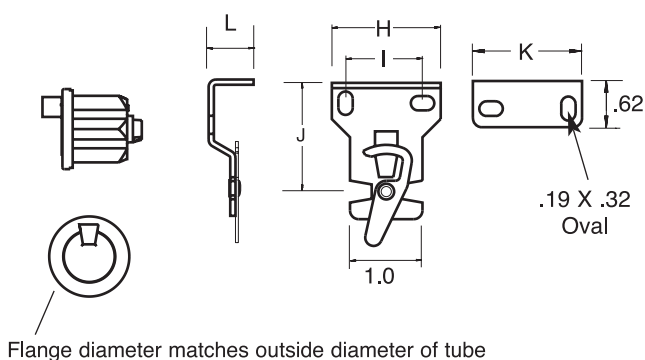
— COMPONENT DIMENSIONS —



**Outside &
Inside Mount**



Ceiling Mount



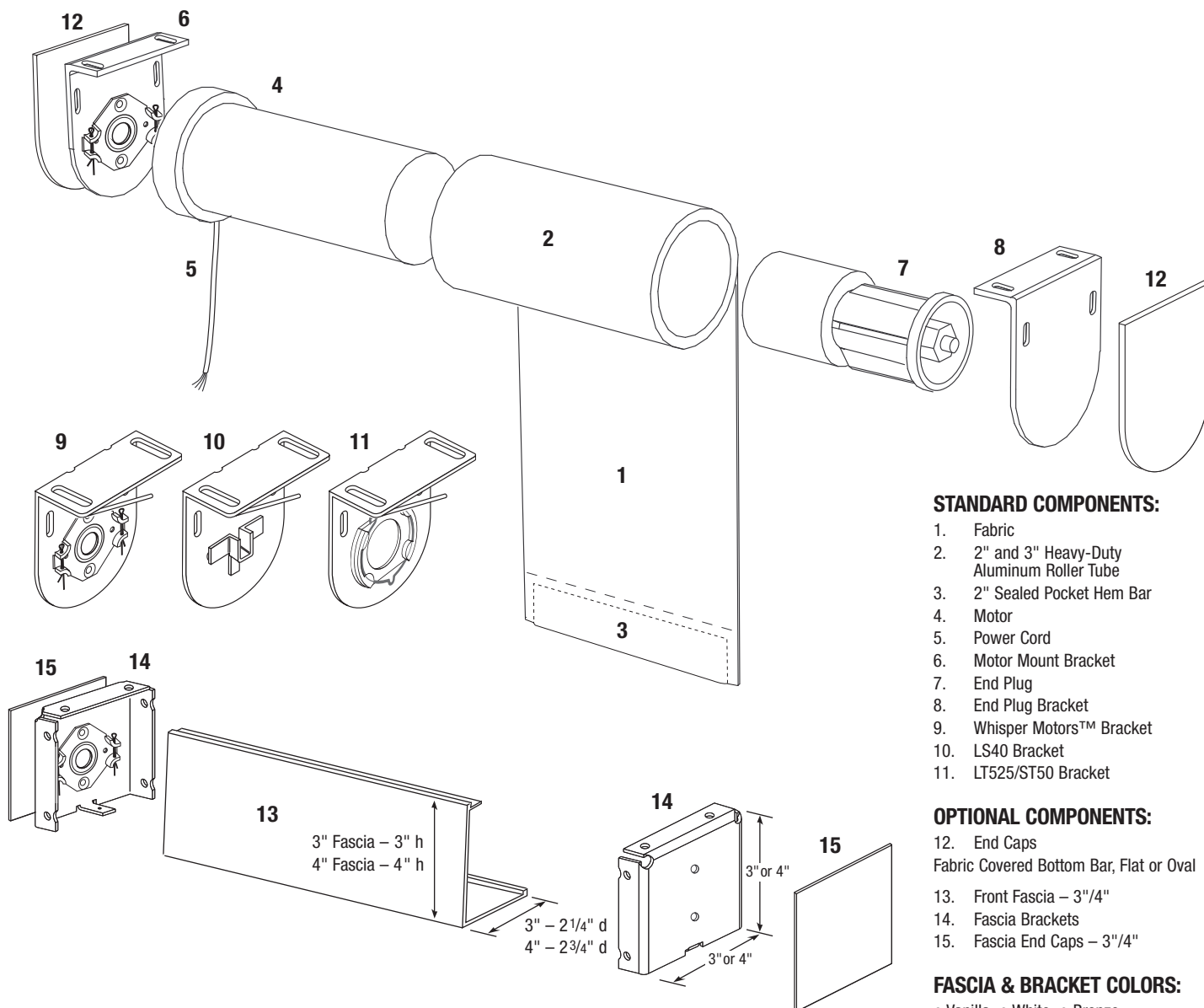
**End Plug and
Bracket with
Retainer**

COMPONENT DIMENSIONS:

MOTOR MODEL	BRACKET MODEL	A	B	C	D	E	F	G	H	I	J	K	L
ST30	1 1/2" Projection	2.48"	1.5"	1.06"	1.5"	0.28"	1.95"	1.95"	1.5"	1.125"	1.5"	1.5"	0.62"

— MOTORIZED ROLLER SHADE —

**ST50 MOTOR (RTS) / ST50 MOTOR (STANDARD) / LS40 MOTOR (STANDARD) /
LT525 MOTOR (RTS) / LT525 MOTOR (STANDARD) /
WHISPER MOTORS™ HDC 100S (STANDARD) / WHISPER MOTORS™ HDC 200S (STANDARD)**



STANDARD COMPONENTS:

1. Fabric
2. 2" and 3" Heavy-Duty Aluminum Roller Tube
3. 2" Sealed Pocket Hem Bar
4. Motor
5. Power Cord
6. Motor Mount Bracket
7. End Plug
8. End Plug Bracket
9. Whisper Motors™ Bracket
10. LS40 Bracket
11. LT525/ST50 Bracket

OPTIONAL COMPONENTS:

12. End Caps
- Fabric Covered Bottom Bar, Flat or Oval
13. Front Fascia - 3"/4"
14. Fascia Brackets
15. Fascia End Caps - 3"/4"

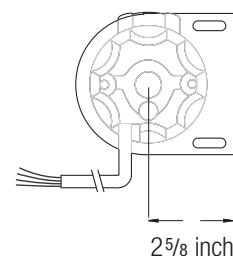
FASCIA & BRACKET COLORS:

- Vanilla • White • Bronze
 - Anodized • Black
- (See page 4-2 for color chart.)

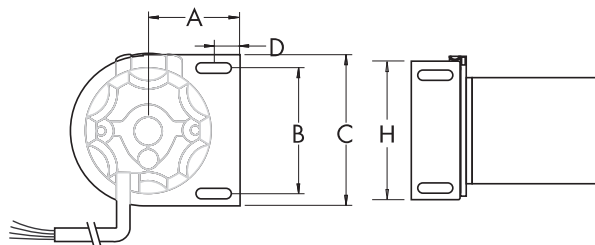
SHADE SIZES & WEIGHTS:

MOTOR MODEL	RPMs	SHADE WIDTH	SHADE DROP	MAXIMUM WEIGHT
ST50 RTS	30 rpm	45" – 156"	12" – 192"	24 lbs.
ST50 Std	30 rpm	45" – 156"	12" – 192"	24 lbs.
LS40 Std	30 rpm	26" – 44 7/8"	12" – 192"	20 lbs.
LT525 RTS	20 rpm	156 1/8" – 192"	12" – 192"	35 lbs.
LT525 Std	20 rpm	156 1/8" – 192"	12" – 192"	35 lbs.
Whisper HDC 100S	28 rpm	27" – 156"	12" – 192"	24 lbs.
Whisper HDC 200S	28 rpm	156 1/8" – 192"	12" – 192"	30 lbs.

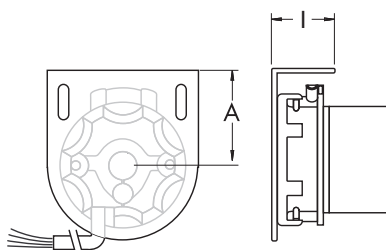
BRACKET PROJECTIONS:



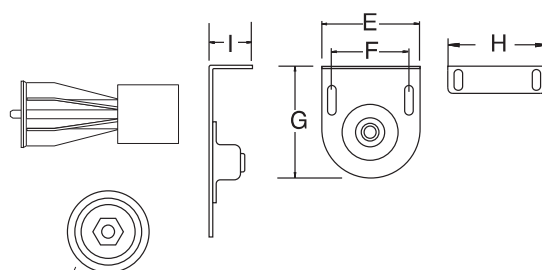
— COMPONENT DIMENSIONS —



**Outside &
Inside Mount**



Ceiling Mount



Flange diameter matches outside diameter of tube

**End Plug and
Bracket with
Retainer**

COMPONENT DIMENSIONS:

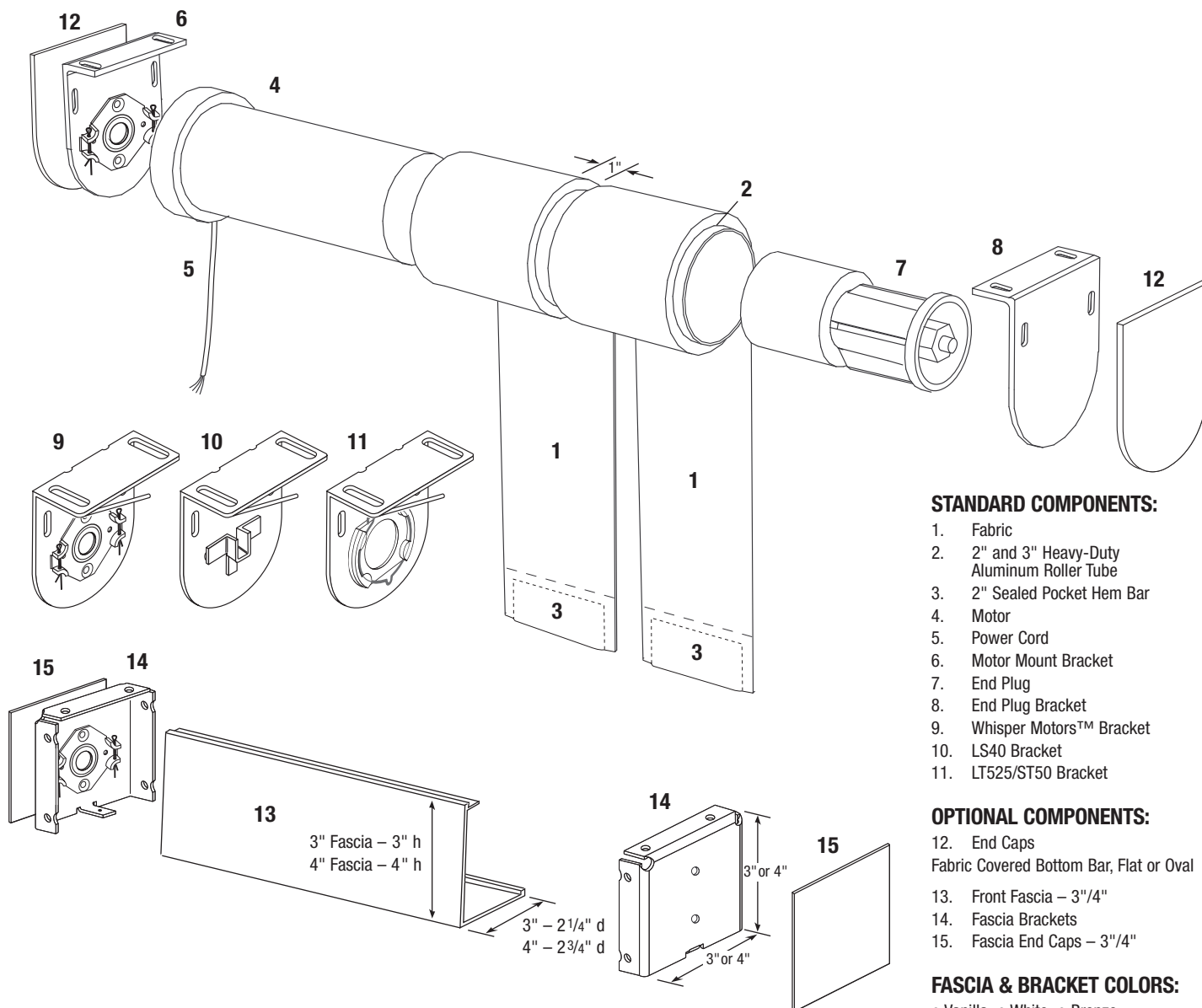
MOTOR MODEL	BRACKET MODEL	A	B	C	D	E	F	G	H	I
ST50 RTS	2 ⁵ / ₈ " Projection	2 ⁵ / ₈ "	2 ¹ / ₂ "	3 ¹ / ₄ "	7/ ₈ "	3 ¹ / ₄ "	2 ¹ / ₂ "	4 ¹ / ₄ "	3 ¹ / ₄ "	1 ⁵ / ₈ "
ST50 Std	2 ⁵ / ₈ " Projection	2 ⁵ / ₈ "	2 ¹ / ₂ "	3 ¹ / ₄ "	7/ ₈ "	3 ¹ / ₄ "	2 ¹ / ₂ "	4 ¹ / ₄ "	3 ¹ / ₄ "	1 ⁵ / ₈ "
LS40 Std	2 ¹ / ₈ " Projection	2 ¹ / ₈ "	2 ³ / ₈ "	3 ¹ / ₈ "	1 ¹ / ₈ "	3 ¹ / ₈ "	2 ³ / ₈ "	3 ³ / ₄ "	3 ¹ / ₈ "	1 ³ / ₈ "
LT525 RTS	2 ⁵ / ₈ " Projection	2 ⁵ / ₈ "	2 ¹ / ₂ "	3 ¹ / ₄ "	7/ ₈ "	3 ¹ / ₄ "	2 ¹ / ₂ "	4 ¹ / ₄ "	3 ¹ / ₄ "	1 ⁵ / ₈ "
LT525 Std	2 ⁵ / ₈ " Projection	2 ⁵ / ₈ "	2 ¹ / ₂ "	3 ¹ / ₄ "	7/ ₈ "	3 ¹ / ₄ "	2 ¹ / ₂ "	4 ¹ / ₄ "	3 ¹ / ₄ "	1 ⁵ / ₈ "
HDC 100S Std	2 ⁵ / ₈ " Projection	2 ⁵ / ₈ "	2 ¹ / ₂ "	3 ¹ / ₄ "	7/ ₈ "	3 ¹ / ₄ "	2 ¹ / ₂ "	4 ¹ / ₄ "	3 ¹ / ₄ "	1 ⁵ / ₈ "
HDC 200S Std	2 ⁵ / ₈ " Projection	2 ⁵ / ₈ "	2 ¹ / ₂ "	3 ¹ / ₄ "	7/ ₈ "	3 ¹ / ₄ "	2 ¹ / ₂ "	4 ¹ / ₄ "	3 ¹ / ₄ "	1 ⁵ / ₈ "

— **MOTORIZED BANDED ROLLER SHADE** —

ST50 MOTOR (RTS) / ST50 MOTOR (STANDARD) / LS40 MOTOR (STANDARD) /

LT525 MOTOR (RTS) / LT525 MOTOR (STANDARD) /

WHISPER MOTORS™ HDC 100S (STANDARD) / WHISPER MOTORS™ HDC 200S (STANDARD)



STANDARD COMPONENTS:

1. Fabric
2. 2" and 3" Heavy-Duty Aluminum Roller Tube
3. 2" Sealed Pocket Hem Bar
4. Motor
5. Power Cord
6. Motor Mount Bracket
7. End Plug
8. End Plug Bracket
9. Whisper Motors™ Bracket
10. LS40 Bracket
11. LT525/ST50 Bracket

OPTIONAL COMPONENTS:

12. End Caps
- Fabric Covered Bottom Bar, Flat or Oval
13. Front Fascia – 3" / 4"
14. Fascia Brackets
15. Fascia End Caps – 3" / 4"

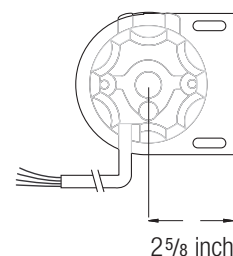
FASCIA & BRACKET COLORS:

- Vanilla • White • Bronze
 - Anodized • Black
- (See page 4-2 for color chart.)

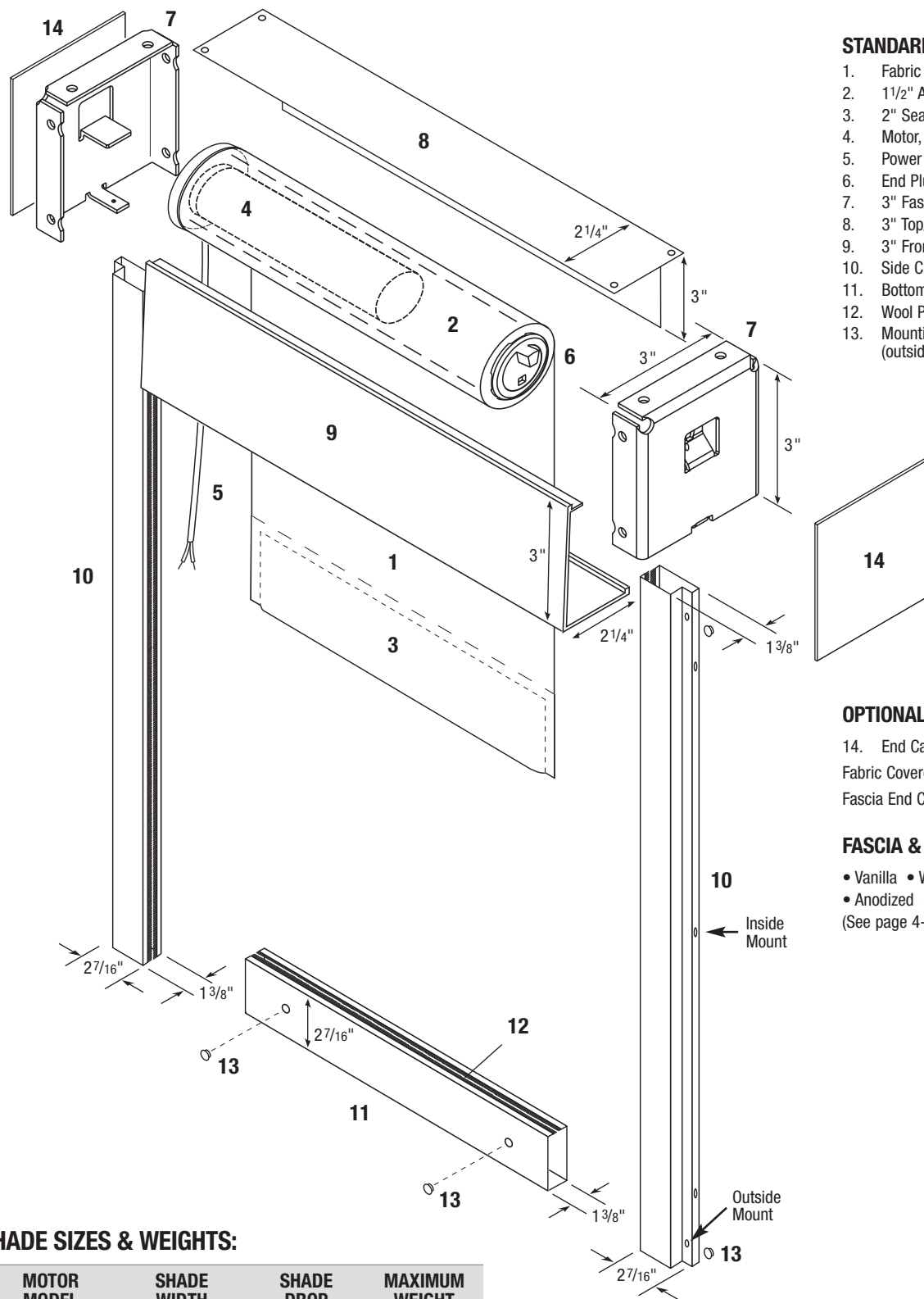
SHADE SIZES & WEIGHTS:

MOTOR MODEL	RPMs	SHADE WIDTH	SHADE DROP	MAXIMUM WEIGHT
ST50 RTS	30 rpm	45" – 156"	12" – 192"	24 lbs.
ST50 Std	30 rpm	45" – 156"	12" – 192"	24 lbs.
LS40 Std	30 rpm	26" – 44 7/8"	12" – 192"	20 lbs.
LT525 RTS	20 rpm	156 1/8" – 192"	12" – 192"	35 lbs.
LT525 Std	20 rpm	156 1/8" – 192"	12" – 192"	35 lbs.
Whisper HDC 100S	28 rpm	27" – 156"	12" – 192"	24 lbs.
Whisper HDC 200S	28 rpm	156 1/8" – 192"	12" – 192"	30 lbs.

BRACKET PROJECTIONS:



— MOTORIZED ROLLER SHADE WITH 3" FASCIA, TOP COVER & BLOCKOUT SYSTEM — ST30 DC MOTOR (RTS)



STANDARD COMPONENTS:

1. Fabric
2. 1 1/2" Aluminum Roller Tube
3. 2" Sealed Pocket Hem Bar
4. Motor, ST30
5. Power Cord
6. End Plug
7. 3" Fascia Brackets
8. 3" Top/Back Fascia – 3" h x 2 1/4" d
9. 3" Front Fascia – 3" h x 2 1/4" d
10. Side Channels – 27/16" w x 1 3/8" d
11. Bottom Channel – 27/16" h x 1 3/8" d
12. Wool Pile
13. Mounting Hole Plugs (outside mount only)

OPTIONAL COMPONENTS:

14. End Caps
- Fabric Covered Bottom Bar, Flat
- Fascia End Caps

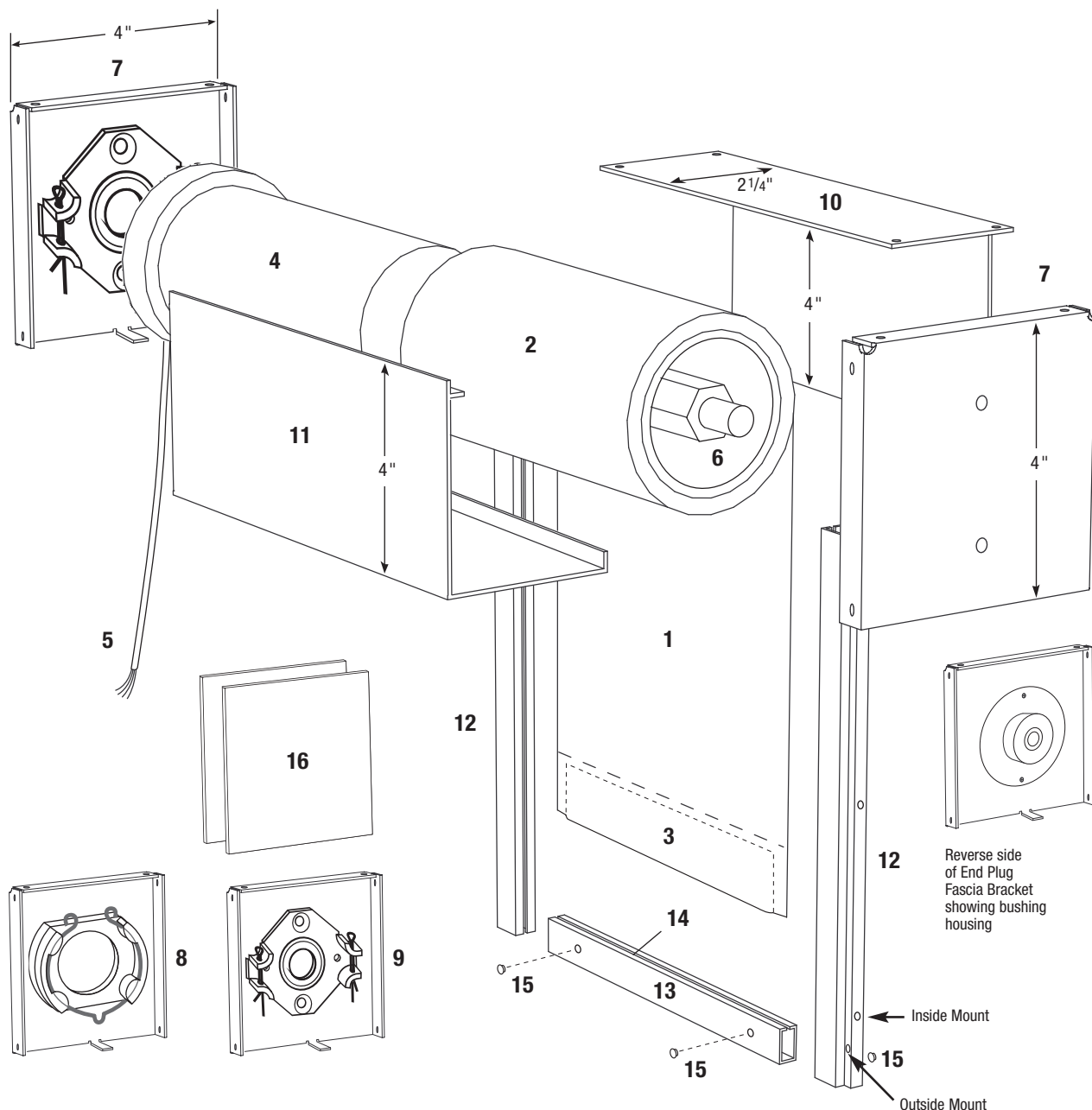
FASCIA & BRACKET COLORS:

- Vanilla • White • Bronze
 - Anodized • Black
- (See page 4-2 for color chart.)

SHADE SIZES & WEIGHTS:

MOTOR MODEL	SHADE WIDTH	SHADE DROP	MAXIMUM WEIGHT
ST30	20" – 72"	12" – 72"	12 lbs.

— **MOTORIZED ROLLER SHADE WITH 4" FASCIA, TOP COVER & BLOCKOUT SYSTEM** —
ST50 MOTOR (RTS) / ST50 MOTOR (STANDARD)
WHISPER MOTORS™ HDC 100S (STANDARD)



SHADE SIZES & WEIGHTS:

MOTOR MODEL	SHADE WIDTH	SHADE DROP	MAXIMUM WEIGHT	TUBE SIZE 4" FASCIA	MAXIMUM ROLL-UP DIAMETER*
ST50 RTS	45" – 156"	12" – 144"	24 lbs.	2"	37/8"
ST50 Std	45" – 156"	12" – 144"	24 lbs.	2"	37/8"
Whisper HDC 100S	27" – 156"	12" – 144"	24 lbs.	2 – 2.5" **	4"

* Roll-up diameter varies with the thickness of the fabric and tube diameter. Contact Hunter Douglas Contract if specific roll-up diameter information is required.

** Varies depending on drop

— **MOTORIZED ROLLER SHADE WITH 4" FASCIA, TOP COVER & BLOCKOUT SYSTEM** —
ST50 MOTOR (RTS) / ST50 MOTOR (STANDARD)
WHISPER MOTORS™ HDC 100S (STANDARD)

(continued from previous page)

STANDARD COMPONENTS:

1. Fabric
2. 2" Roller Tube
3. 2" Sealed Pocket Hem Bar
4. Motor
5. Power Cord
6. End Plug
7. 4" Fascia Brackets
8. Motor Bracket
9. Whisper Motors™ Bracket
10. 4" Top/Back Fascia – 4" h x 2 3/4" d
11. 4" Front Fascia – 4" h x 2 3/4" d
12. Side Channels – 2 7/16" w x 1 3/8" d
13. Bottom Channel – 2 7/16" h x 1 3/8" d
14. Wool Pile
15. Mounting Hole Plugs (outside mount only)

OPTIONAL COMPONENTS:

16. Fascia and Pocket End Caps
- 4" Pocket Profile
- 5.25" & 9" Pocket Profile
- Fabric Covered Bottom Bar, Flat

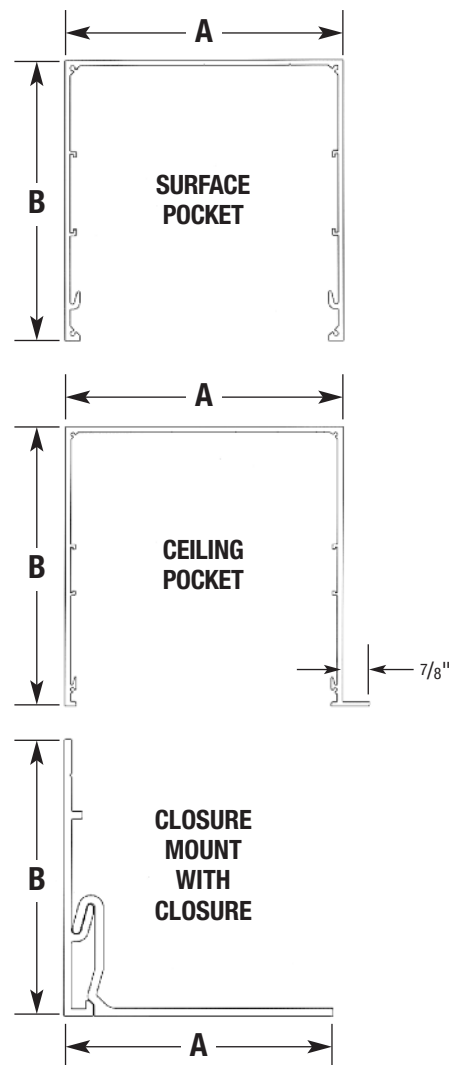
FASCIA & BRACKET COLORS:

- Vanilla • White • Bronze
 - Anodized • Black
- (See page 4-2 for color chart.)

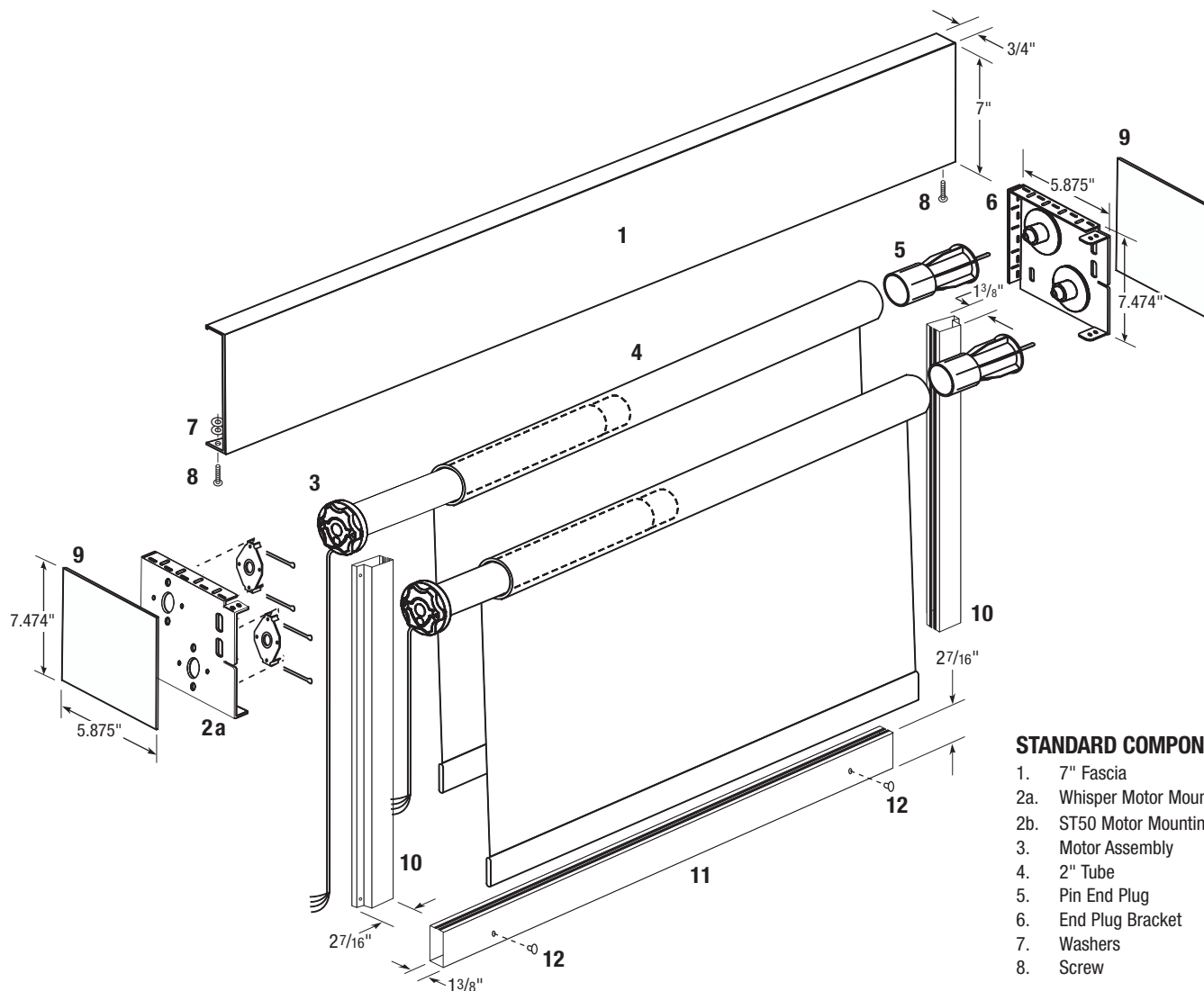
POCKET DIMENSIONS:

POCKET SIZE	WIDTH A	HEIGHT B
Surface Pocket	5 1/4"	5 1/4"
	9"	9"
Ceiling Pocket	5 1/4"	5 1/4"
	9"	9"
Closure Mount (B) with 2" Closure (A)	2"	2 5/16"
Closure Mount (B) with 3" Closure (A)	3"	2 5/16"
Closure Mount (B) with 5" Closure (A)	5"	2 5/16"

POCKET PROFILES:



— DUAL MOTORIZED SHADE WITH FASCIA —
ST50 MOTOR (RTS) / ST50 MOTOR (STANDARD) / WHISPER MOTORS™ HDC 100S (STANDARD)



STANDARD COMPONENTS:

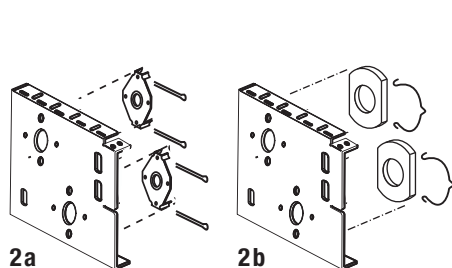
1. 7" Fascia
- 2a. Whisper Motor Mounting Bracket
- 2b. ST50 Motor Mounting Bracket
3. Motor Assembly
4. 2" Tube
5. Pin End Plug
6. End Plug Bracket
7. Washers
8. Screw

OPTIONAL COMPONENTS:

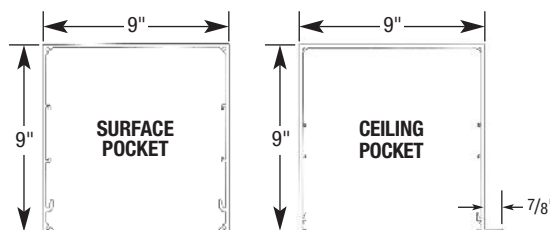
9. Fascia End Plate
 10. Blockout Side Channel
 11. Blockout Bottom Channel
 12. Mounting Hole Plugs
- Fabric Covered Bottom Bar, Flat

FASCIA & BRACKET COLORS:

- Vanilla • White • Bronze
 - Anodized • Black
- (See page 4-2 for color chart.)



POCKET PROFILES:



SHADE SIZES & WEIGHTS:

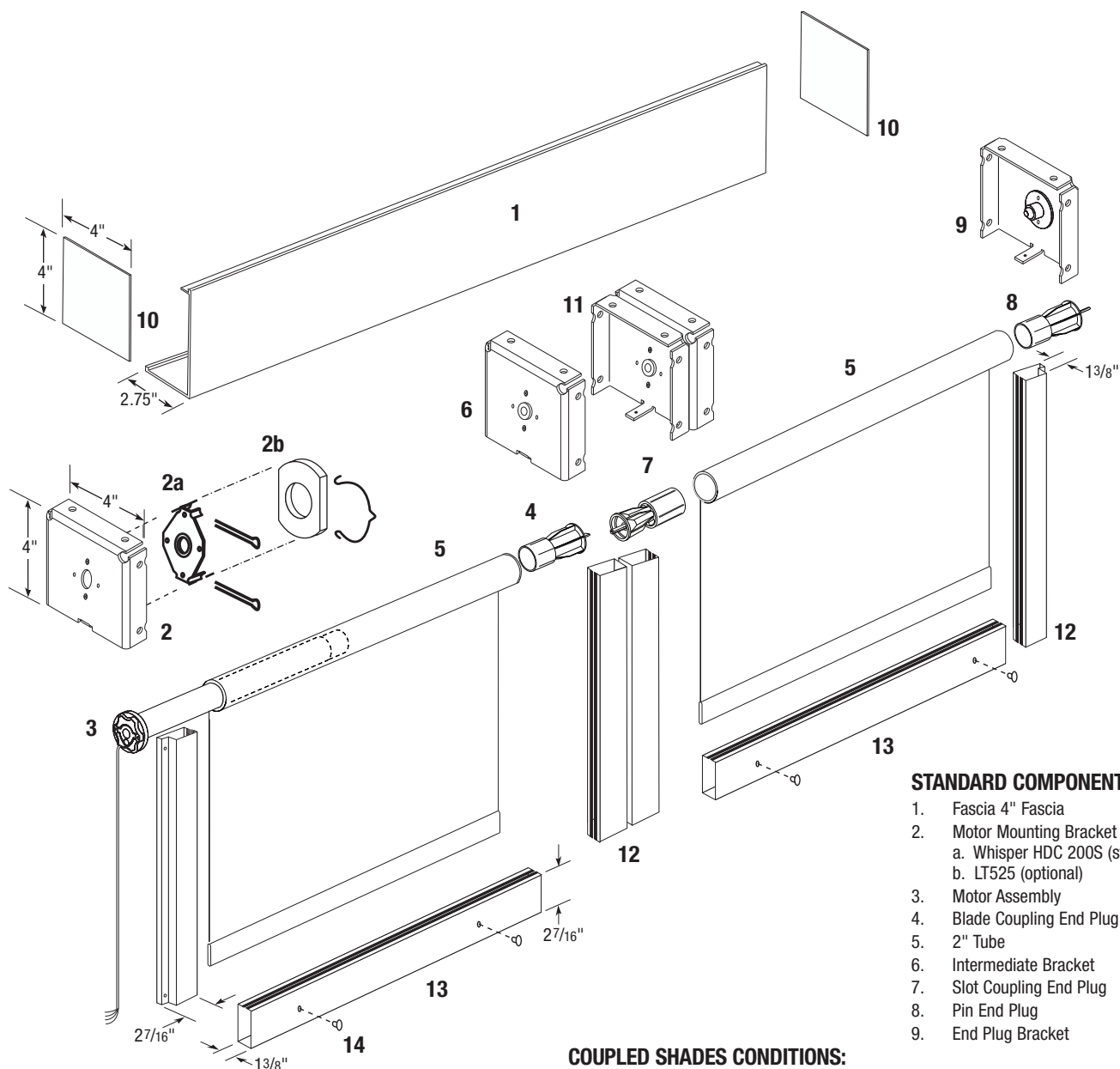
MOTOR MODEL	SHADE WIDTH	SHADE DROP	MAXIMUM WEIGHT	TUBE SIZE	MAXIMUM ROLL-UP DIAMETER*
ST50 RTS	45" – 156"	12" – 144"	35 lbs.	2"	4 ⁵ / ₈ "
ST50 Std	45" – 156"	12" – 144"	35 lbs.	2"	4 ⁵ / ₈ "
Whisper HDC 100S	27" – 156"	12" – 144"	24 lbs.	2 – 2.5" **	4 ⁵ / ₈ "

* Roll-up diameter varies with the thickness of the fabric and tube diameter. Contact Hunter Douglas Contract if specific roll-up diameter information is required.

** Varies depending on drop

— MOTORIZED COUPLED SHADES WITH FASCIA —

LT525 MOTOR (STANDARD) / LT525 MOTOR (RTS) / WHISPER MOTORS™ HDC 200S (STANDARD)



FASCIA & BRACKET COLORS:

- Vanilla • White • Bronze
 - Anodized • Black
- (See page 4-2 for color chart.)

SHADE SIZES & WEIGHTS:

MOTOR MODEL	SHADE WIDTH	SHADE DROP	MAXIMUM WEIGHT	TUBE SIZE	MAXIMUM ROLL-UP DIAMETER*
LT525 Std/RTS – Single Fascia	35" – 192"	12" – 144"	24 lbs.	2"	37/8"
LT525 Std/RTS – Adjoining Fascia	35" – 240"	12" – 144"	24 lbs.	2"	37/8"
Whisper HDC 200S	31" – 192"	12" – 144"	24 lbs.	2"	4"

* Roll-up diameter varies with the thickness of the fabric and tube diameter. Contact Hunter Douglas Contract if specific roll-up diameter information is required.

NOTE: Over 192" width, individual fascia required

STANDARD COMPONENTS:

- Fascia 4" Fascia
- Motor Mounting Bracket
 - Whisper HDC 200S (standard)
 - LT525 (optional)
- Motor Assembly
- Blade Coupling End Plug
- 2" Tube
- Intermediate Bracket
- Slot Coupling End Plug
- Pin End Plug
- End Plug Bracket

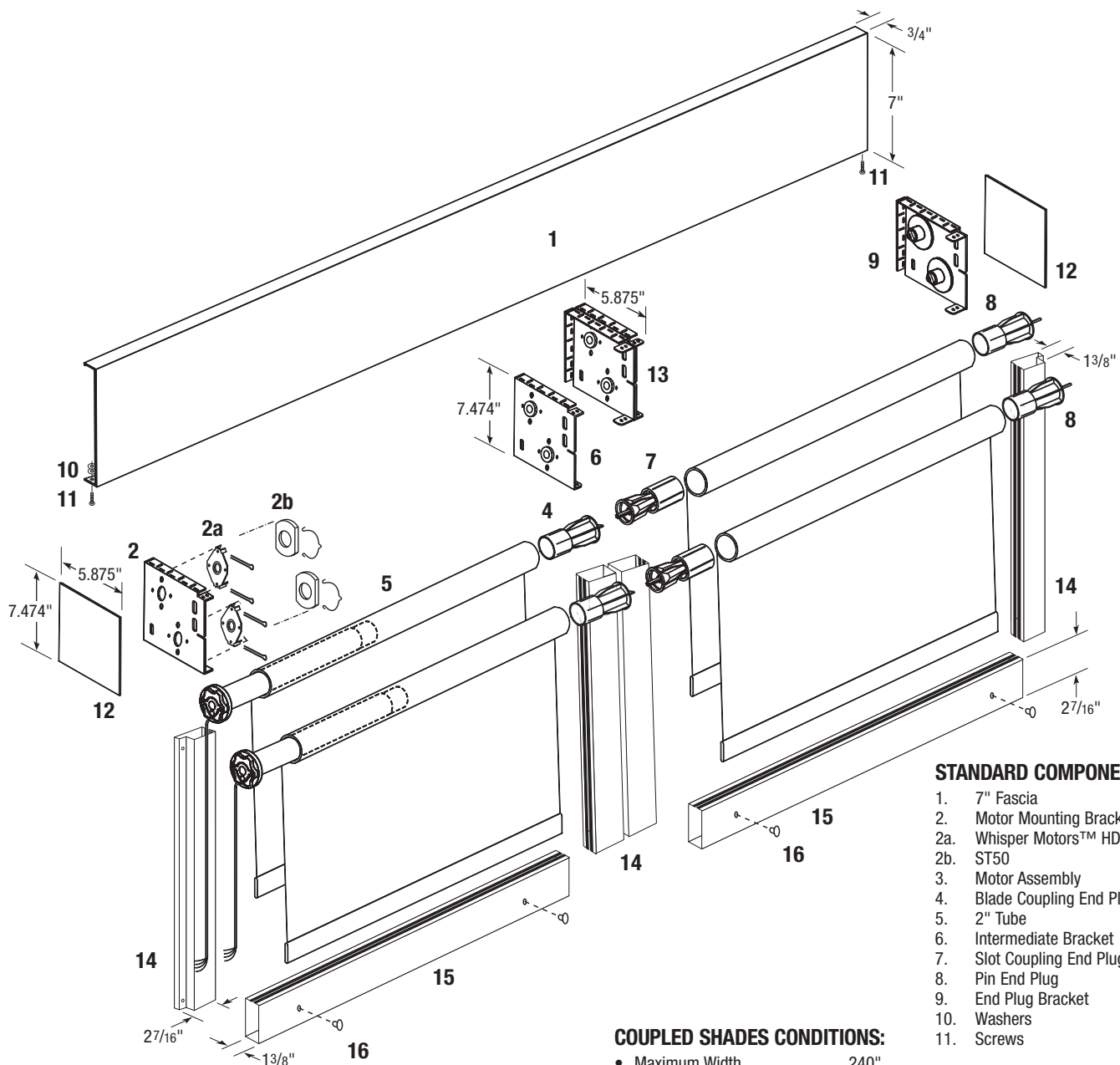
OPTIONAL COMPONENTS:

- Fascia End Plate
- Intermediate Bracket For Adjoining Two Fascias
- Blockout Side Channel
- Blockout Bottom Channel
- Mounting Hole Plugs
- Fabric Covered Bottom Bar, Flat

COUPLED SHADES CONDITIONS:

- Maximum Width 240"
- Maximum Number of Bands 6
- Maximum Width of Band 120"
- Minimum Width of Band Non Motor Band 20"
- Motor End Minimum Width
 - HDC 200S 31"
 - LT525 35"
- Tube 2"

— DUAL MOTORIZED COUPLED SHADES WITH FASCIA —
LT525 MOTOR (RTS) / LT525 MOTOR (STANDARD) / WHISPER MOTORS™ HDC 200S (STANDARD)



STANDARD COMPONENTS:

1. 7" Fascia
2. Motor Mounting Bracket
- 2a. Whisper Motors™ HDC 200S
- 2b. ST50
3. Motor Assembly
4. Blade Coupling End Plug
5. 2" Tube
6. Intermediate Bracket
7. Slot Coupling End Plug
8. Pin End Plug
9. End Plug Bracket
10. Washers
11. Screws

COUPLED SHADES CONDITIONS:

- Maximum Width 240"
- Maximum Number of Bands 6
- Maximum Width of Band 120"
- Minimum Width of Band
- Non Motor Band 20"
- Motor End Minimum Width
- HDC 200S 31"
- LT525 35"
- Tube 2"

FASCIA & BRACKET COLORS:

- Vanilla • White • Bronze
 - Anodized • Black
- (See page 4-2 for color chart.)

OPTIONAL COMPONENTS:

12. Fascia End Plate
 13. Intermediate Bracket For Adjoining Two Fascias
 14. Blockout Side Channel
 15. Blockout Bottom Channel
 16. Mounting Hole Plugs
- Fabric Covered Bottom Bar, Flat

SHADE SIZES & WEIGHTS:

MOTOR MODEL	SHADE WIDTH	SHADE DROP	MAXIMUM WEIGHT	TUBE SIZE	MAXIMUM ROLL-UP DIAMETER*
LT525 Std/RTS – Single Fascia	35" – 192"	12" – 144"	24 lbs.	2"	3.5"
LT525 Std/RTS – Individual Fascia	35" – 240"	12" – 144"	24 lbs.	2"	3.5"
Whisper HDC 200S	31" – 192"	12" – 144"	24 lbs.	2"	3.5"

* Roll-up diameter varies with the thickness of the fabric and tube diameter. Contact Hunter Douglas Contract if specific roll-up diameter information is required.

NOTE: Over 192" width, individual fascia required

MOTORS

Standard Motors

Maintenance-free and permanently lubricated. Features overheating protection, sturdy electrical and mechanical design. Electromagnetic disk brake for a smooth and accurate stop without slippage.

MODEL	MINIMUM WIDTH
LS40	26"
ST50	45"
LT525	156"
HDC 100S, HDC 200S	31"

RTS Motors

With the RTS motor, the end user can have wireless control over any motorized window covering via a radio remote control or an RTS wall switch within a range of up to 90 feet in open space and up to 65 feet through two concrete walls.

MODEL	MINIMUM WIDTH
ST30 (DC)	20"
ST50 RTS	45"
LT525 RTS	156"

CONTROLS

MODEL DESCRIPTION

AC CONTROLS – UNIVERSAL MOUNT INDIVIDUAL CONTROL



RQ60AUMHG
(2170000001)

Remotely queryable 1 motor controller. Allows for shades to be individually or group controlled. Total switch load 9.8 amps.

L: 2.25" W: 2.75" H: 1.0"

AC CONTROLS – PLUG & PLAY BOXES



RP60ABMH-SINGLE
(2170000015)

60 Channel Control in "Plug & Play" box for a single AC motor. Kit includes male plug for motor attachment.

L: 5.5" W: 3.25" H: 2.0"



RP60ABMH2-DOUBLE
(2170000016)

60 Channel Control in "Plug & Play" box for two AC motors.

L: 5.5" W: 3.25" H: 2.0"

AC CONTROLS – GROUP CONTROL MOUNTED IN ENCLOSURE



ISO4B
(2170000021)

ISO4B allows user to switch up to 4 AC motors from any switched source. Can be daisy chained to accommodate up to 12 AC motors. Customized panels available for additional motors.

L: 8.0" W: 8.0" H: 4.0"

POWER CORDS

MODEL DESCRIPTION



LT CABLE

Available with 4 wire (Standard Motors) and 3 wire (RTS) and with plug attached. Sizes 3 ft, 6 ft, 12 ft, 18 ft, and 24 ft.

— MOTORIZATION COMPONENTS —

DC TRANSFORMERS

MODEL

DESCRIPTION



ST30 DC TRANSFORMER

Whenever DC motors or controls are specified, DC transformers must accompany them.

- 2.5 amp 24 (1 motor) **RC445117**
- 5.0 amp 24 (2 motor) **RC445264**
- 10 amp 24 (4 motor) **RC445265**

SWITCHES – STANDARD MOTORS

MODEL

DESCRIPTION



RP BUS KEYPAD K6ST (2170000080)

Keypad (Wall Switch) for operating RPs or RQs on channels 1 through 6. System programming unavailable.



RP BUS KEYPAD K24ST (2170000079)

Keypad (Wall Switch) for operating RPs or RQs on channels 1 through 24 and ALL. Fully functional programming available.



MAINTAINED ROCKER SWITCH (RC 445050 WHITE) (RC 445064 IVORY)

Provides easy control of all types of motorized window coverings.



KEY SWITCH (RC 445126 MOMENTARY) (RC 445127 MAINTAINED)

Protected by a tamper-proof cover that cannot be removed without inserting the key. Includes heavy duty and light models with either momentary or maintained operation.



MAINTAINED PADDLE SWITCH (RC 242101 WHITE) (RC 242329 IVORY)

Designed for AC motors.

SWITCHES – RTS MOTORS

MODEL

DESCRIPTION





RTS SWITCH (RC 445135 SINGLE CHANNEL) (RC 445136 5-CHANNEL)

The RTS Switch (single or five channel) is a wireless radio transmitter.


L: 4.5" W: 2.75" D: 1.25"

— MOTORIZATION COMPONENTS —

REMOTE TRANSMITTERS – STANDARD MOTORS

MODEL	DESCRIPTION
 T6S DUAL 433 (2170000055)	IR & RF Transmitter for operating RPs or RQs on channels 1 through 6.
 T24S DUAL 433 (2170000054)	IR & RF Transmitter for operating and programming RPs or RQs on channels 1 through 24.


REMOTE TRANSMITTERS – RTS MOTORS

MODEL	DESCRIPTION
 TELIS (PCN # RC445069 – SINGLE CHANNEL) (PCN # RC445070 – 5 CHANNEL)	Hand held remotes 1 or 5 channel for operating RTS motors


AUTOMATION COMMUNICATION

MODEL	DESCRIPTION
 RQ BRIDGE (PCN # 217000003)	Serial Bridge to communicate between automation systems and RQ60 motor controllers.

IR RECEIVING EYE

MODEL	DESCRIPTION
 RE-6S (2170000097)	IR Receiver Eye on 6 ft. modular cable.
 REB V2 (2170000100)	IR Receiver Eye in white, wall mount case. Modern styling and construction. L: 2.1" W: 1.75" H: 1.1"

RF RECEIVER

MODEL	DESCRIPTION
 RR433 V2 (2170000095)	433MHz Radio Receiver module complete with white plastic enclosure and external antenna. Programmable pairing up to 5 transmitters. L: 3.8" W: 3.8"

— MOTORIZATION COMPONENTS —

SENSORS



LTSEN INT V2
(2170000120)

Sun sensor installed in an interior box.
L: 2.1" W: 1.75" H: 1.1"



PSSW
(2170000125)

Programmable Switch Sun and Wind Sensor control unit.



TIMER
(RC445129)

Wireless digital timer compatible with all RTS motors.
Includes built-in Sun Sensor.
L: 3.125" W: 3.125" H: 1"

PLUGS



MPS
(2170000234)

AC Motor Plug Set. Two part set for use
as a 4-wire disconnect of AC motors.
L: 4.25"



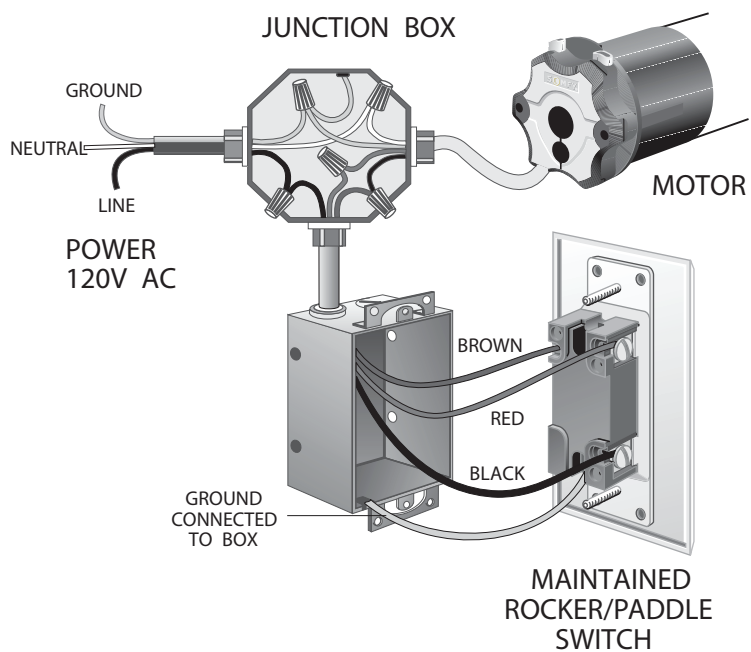
WEP
(2170000177)

Wall Entry Plate. Kit comes complete with: single gang cover
plate – white only with two screws. 90° 4-conductor UL plug,
male plug for motor wire, tool (not required to assemble) and
strain relief.

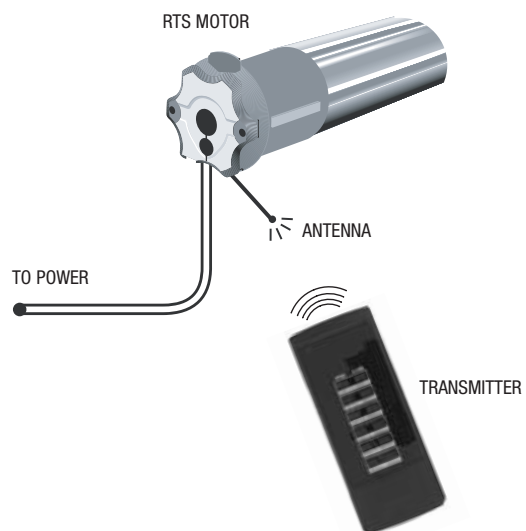
Customization available for AC controls. Sun and wind variables
automation systems, and building management systems.
Contact Hunter Douglas Contract for assistance.

— WIRING DIAGRAMS —

LS40 / ST50 / LT525 STANDARD



LT525 / ST50 RTS

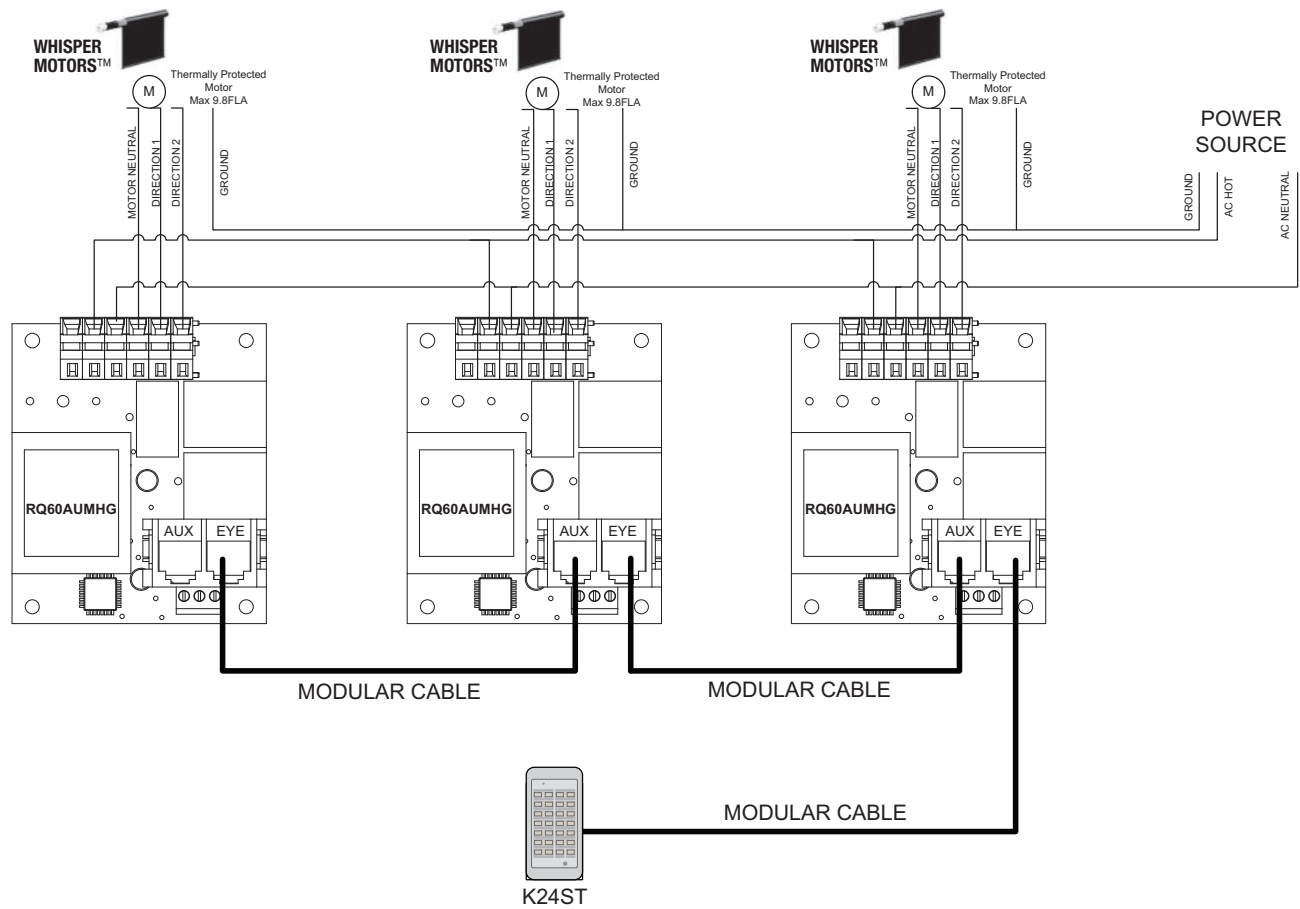


— WIRING DIAGRAMS —

ST30 RTS



GENERAL WIRING MOTOR CONTROLLERS



— MOTORIZATION COMPONENTS & MOTOR COMPATIBILITY CHART —

MOTORIZATION COMPONENT	AVAILABLE MOTORS							
	LS40 STD	ST50 STD	LT525 STD	WHISPER HDC 100S STD	WHISPER HDC 200S STD	ST30 DC	ST50 RTS	LT525 RTS
RQ60AUMHG – Universal mount individual control motor controller	●	●	●	●	●			
IS04B – Enclosed control to switch up to 4 motors	●	●	●	●	●			
RP60ABMH – Plug & play control box-single motor	●	●	●	●	●			
RP60ABMH2 – Plug & play control box-two motors	●	●	●	●	●			
LT CABLE – Power cord with 3 or 4 wires	●	●	●	●	●			
DC TRANSFORMER – All DC motors require transformers						●		
RP BUS K6ST – Wall switch for operating RPs/RQs channels 1-6	●	●	●	●	●			
RP BUS K24ST – Wall switch for operating RPs/RQs channels 1-24	●	●	●	●	●			
ROCKER SWITCH – Fingertip control with up, down, & center stop	●	●	●	●	●			
KEY SWITCH – Momentary or maintained operation security switch	●	●	●	●	●			
DECORATOR PADDLE SWITCH – Designed for AC motors	●	●	●	●	●			
RTS SWITCH – Single or four channel wireless radio transmitter						●	●	●
T6S DUAL 433 – Remote transmitter operating RPs/RQs channels 1-6	●	●	●	●	●			
T24S DUAL 433 – Remote transmitter operating RPs/RQs channels 1-24	●	●	●	●	●			
TELIS REMOTE TRANSMITTER – Used to operate RTS motors						●	●	●
RQ BRIDGE – To communicate with automation systems	●	●	●	●	●			
RE-6S – Infrared receiving eye on 6 ft. modular cable	●	●	●	●	●			
REB V2 – Infrared receiving eye in a white wall mount case	●	●	●	●	●			
RR433 V2 – Radio receiver programmable with up to 5 transmitters	●	●	●	●	●			
LTSEN INT V2 – Sun sensor installed in an interior box	●	●	●	●	●			
PSSW – Programmable switch sun & wind sensor control unit	●	●	●	●	●			
TIMER – Wireless digital timer compatible with all RTS motors						●	●	●
MPS – AC motor plug set. Used as a 4 wire disconnect of AC motors	●	●	●	●	●			
WEP – Wall entry plate 90° 4 conductor UL plug	●	●	●	●	●			

Deduction Charts





— DEDUCTION CHARTS —

(Ordering dimensions versus finished product dimensions.
All deductions/additions are based on customer's IM or OM size.)

Manual Roller Shade (Single Shade)

Clutch Model	Tube Plus Fabric	Finished Shade With Brackets
INSIDE MOUNT (IM)		
R8	Ordered Width – 1 1/4"	Ordered Width – 1/8"
R16	Ordered Width – 1 3/8"	Ordered Width – 1/8"
G40	Ordered Width – 1 1/2"	Ordered Width – 1/8"
R24 with Spring Assist	Ordered Width – 1 1/2"	Ordered Width – 1/8"
Finished Drop	Ordered Drop	+ 1/8"
Fascia	Ordered Width	– 1/8"
OUTSIDE MOUNT (OM)		
R8	Ordered Width – 1 1/8"	Ordered Width
R16	Ordered Width – 1 1/4"	Ordered Width
G40	Ordered Width – 1 3/8"	Ordered Width
R24 with Spring Assist	Ordered Width – 1 3/8"	Ordered Width
Finished Drop	Ordered Drop	+ 1/8"
Fascia	Ordered Width	Ordered Width

Standard Dual Manual Roller Shades

	Standard Deduction/Addition
INSIDE MOUNT (IM)	
2" Tube/Fabric (Galaxy Clutch with Adapter)	Ordered Width – 1 5/8"
2 1/2" Tube/Fabric	Ordered Width – 1 3/4"
Finished Width	Ordered Width – 1/8"
Finished Drop	Ordered Drop
OUTSIDE MOUNT (OM)	
2" Tube/Fabric (Galaxy Clutch with Adapter)	Ordered Width – 1 1/2"
2 1/2" Tube/Fabric	Ordered Width – 1 5/8"
Finished Width	Ordered Width
Finished Drop	Ordered Drop

— DEDUCTION CHARTS —

(Ordering dimensions versus finished product dimensions.
All deductions/additions are based on customer's IM or OM size.)

3" Blockout Manual Roller Shade (Roller Shade with Fascia and Side Channels)

	Standard Deduction/Addition	Accepted Tolerances
INSIDE MOUNT (IM)		
1 1/2" Tube/Fabric (R16 Clutch only)	Ordered Width – 1 3/8"	± 1/16"
1 1/8" Tube/Fabric (R8 Clutch only)	Ordered Width – 1 1/4"	± 1/16"
Side Channel & Wool Pile	Ordered Width – 3 1/8"	+ 1/16"
Bottom Channel & Wool Pile	Ordered Width – 5"	+ 1/16"
Fascia	Ordered Width – 1/8"	– 1/16"
OUTSIDE MOUNT (OM)		
1 1/2" Tube/Fabric (R16 Clutch only)	Ordered Width – 1 1/4"	± 1/16"
1 1/8" Tube/Fabric (R8 Clutch only)	Ordered Width – 1 1/8"	± 1/16"
Side Channel & Wool Pile	Ordered Width – 3 1/8"	+ 1/16"
Bottom Channel & Wool Pile	Ordered Width – 4 7/8"	+ 1/16"
Fascia	Ordered Width	– 1/16"

4" Blockout Manual Roller Shade (Roller Shade with Fascia and Side Channels)

	Standard Deduction/Addition	Accepted Tolerances
INSIDE MOUNT (IM)		
1 1/2" Tube/Fabric (R16 Clutch only)	Ordered Width – 1 3/8"	± 1/16"
1 1/8" Tube/Fabric (R8 Clutch only)	Ordered Width – 1 1/4"	± 1/16"
Side Channel & Wool Pile	Ordered Width – 4 1/8"	+ 1/16"
Bottom Channel & Wool Pile	Ordered Width – 5"	+ 1/16"
Fascia	Ordered Width – 1/8"	– 1/16"
OUTSIDE MOUNT (OM)		
1 1/2" Tube/Fabric (R16 Clutch only)	Ordered Width – 1 1/4"	± 1/16"
1 1/8" Tube/Fabric (R8 Clutch only)	Ordered Width – 1 1/8"	± 1/16"
Side Channel & Wool Pile	Ordered Width – 4 1/8"	+ 1/16"
Bottom Channel & Wool Pile	Ordered Width – 4 7/8"	+ 1/16"
Fascia	Ordered Width	– 1/16"

— DEDUCTION CHARTS —

(Ordering dimensions versus finished product dimensions.
All deductions/additions are based on customer's IM or OM size.)

Manual Roller Shade Extruded Pocket

Pocket Size	Pocket Length	Closure Length	Closure Mount Strip
INSIDE MOUNT (IM)			
5 1/4"	Ordered Width – 3/8"	Ordered Width – 1"	Ordered Width – 1/8"
9" (Dual Shade)	Ordered Width – 1/2"	Ordered Width – 1"	Ordered Width – 1/8"
OUTSIDE MOUNT (OM)			
5 1/4"	Ordered Width – 1/4"	Ordered Width – 1"	Ordered Width
9" (Dual Shade)	Ordered Width – 5/8"	Ordered Width – 1"	Ordered Width

Motorized Shade (1 1/2" Tube)

Motor Model:	1 1/2" Tube Plus fabric	Finished Overall Width	Finished Drop
INSIDE MOUNT (IM):			
ST30	Ordered Width – 1 1/8"	Ordered Width – 1/8"	Ordered Drop
OUTSIDE MOUNT (OM):			
ST30	Ordered Width – 1"	Ordered Width	Ordered Drop

Motorized Shade (2" Tube)

Motor Model:	2" Tube Plus fabric	Finished Overall Width	Finished Drop
INSIDE MOUNT (IM):			
ST50	Ordered Width – 2"	Ordered Width – 1/8"	Ordered Drop ± 1/8"
LS40	Ordered Width – 2"	Ordered Width – 1/8"	Ordered Drop ± 1/8"
HDC 100S	Ordered Width – 1 3/4"	Ordered Width – 1/8"	Ordered Drop ± 1/8"
OUTSIDE MOUNT (OM):			
ST50	Ordered Width – 2 1/8"	Ordered Width	Ordered Drop
LS40	Ordered Width – 1 7/8"	Ordered Width	Ordered Drop
HDC 100S	Ordered Width – 1 5/8"	Ordered Width	Ordered Drop

— DEDUCTION CHARTS —

(Ordering dimensions versus finished product dimensions.
All deductions/additions are based on customer's IM or OM size.)

Wide Motorized Shade (2 1/2" & 3" Tubes)			
Motor Model:	2 1/2" & 3" Tubes Plus fabric	Finished Width	Finished Drop
INSIDE MOUNT (IM):			
ST50	Ordered Width – 2 3/8"	Ordered Width – 1/8"	Ordered Drop ± 1/8"
HDC 100S	Ordered Width – 1 7/8"	Ordered Width – 1/8"	Ordered Drop ± 1/8"
LT525	Ordered Width – 2 3/8"	Ordered Width – 1/8"	Ordered Drop ± 1/8"
HDC 200S	Ordered Width – 1 7/8"	Ordered Width – 1/8"	Ordered Drop ± 1/8"
OUTSIDE MOUNT (OM):			
ST50	Ordered Width – 2 1/4"	Ordered Width	Ordered Drop
HDC 100S	Ordered Width – 1 3/4"	Ordered Width	Ordered Drop
LT525	Ordered Width – 2 1/4"	Ordered Width	Ordered Drop
HDC 200S	Ordered Width – 1 3/4"	Ordered Width	Ordered Drop

Motorized Shade with Fascia (2" Tube)			
Motor Model:	2" Tube Plus fabric	Finished Width	Finished Drop
INSIDE MOUNT (IM):			
ST50	Ordered Width – 2 1/8"	Ordered Width – 1/8"	Ordered Drop ± 1/8"
LS40	Ordered Width – 2"	Ordered Width – 1/8"	Ordered Drop ± 1/8"
HDC 100S	Ordered Width – 1 7/8"	Ordered Width – 1/8"	Ordered Drop ± 1/8"
OUTSIDE MOUNT (OM):			
ST50	Ordered Width – 2"	Ordered Width	Ordered Drop
LS40	Ordered Width – 1 7/8"	Ordered Width	Ordered Drop
HDC 100S	Ordered Width – 1 3/4"	Ordered Width	Ordered Drop

— DEDUCTION CHARTS —

(Ordering dimensions versus finished product dimensions.
All deductions/additions are based on customer's IM or OM size.)

Wide Motorized Shade with Fascia (2 1/2" Tube)			
Motor Model:	2 1/2" Tube Plus Fabric	Finished Width	Finished Drop
INSIDE MOUNT (IM):			
ST50	Ordered Width – 2 1/4"	Ordered Width – 1/8"	Ordered Drop ± 1/8"
HDC 100S	Ordered Width – 2"	Ordered Width – 1/8"	Ordered Drop ± 1/8"
LT525	Ordered Width – 2 1/4"	Ordered Width – 1/8"	Ordered Drop ± 1/8"
HDC 200S	Ordered Width – 2"	Ordered Width – 1/8"	Ordered Drop ± 1/8"
OUTSIDE MOUNT (OM):			
ST50	Ordered Width – 2 1/8"	Ordered Width	Ordered Drop
HDC 100S	Ordered Width – 1 7/8"	Ordered Width	Ordered Drop
LT525	Ordered Width – 2 1/8"	Ordered Width	Ordered Drop
HDC 200S	Ordered Width – 1 7/8"	Ordered Width	Ordered Drop

4" Blockout Motorized Roller Shade (with Fascia and Side Channels)		
	Standard Deduction/Addition	Accepted Tolerances
INSIDE MOUNT (IM)		
2" Tube/Fabric (ST50 & LT525)	Ordered Width – 2 1/8"	± 1/16"
2" Tube/Fabric (HDC 100S & HDC 200S)	Ordered Width – 1 7/8"	± 1/16"
2 1/2" Tube/Fabric (ST50 & LT525)	Ordered Width – 2 1/4"	± 1/16"
2 1/2" Tube/Fabric (HDC 100S & HDC 200S)	Ordered Width – 2"	± 1/16"
Side Channel & Wool Pile	Ordered Width – 4 1/8"	+ 1/16"
Bottom Channel & Wool Pile	Ordered Width – 5"	+ 1/16"
Fascia	Ordered Width – 1/8"	– 1/16"
OUTSIDE MOUNT (OM)		
2" Tube/Fabric (ST50 & LT525)	Ordered Width – 2"	± 1/16"
2" Tube/Fabric (HDC 100S & HDC 200S)	Ordered Width – 1 3/4"	± 1/16"
2 1/2" Tube/Fabric (ST50 & LT525)	Ordered Width – 2 1/8"	± 1/16"
2 1/2" Tube/Fabric (HDC 100S & HDC 200S)	Ordered Width – 1 7/8"	± 1/16"
Side Channel & Wool Pile	Ordered Width – 4 1/8"	+ 1/16"
Bottom Channel & Wool Pile	Ordered Width – 4 7/8"	+ 1/16"
Fascia	Ordered Width	– 1/16"

— DEDUCTION CHARTS —

(Ordering dimensions versus finished product dimensions.
All deductions/additions are based on customer's IM or OM size.)

7" Blockout Motorized Roller Shade (with Fascia and Side Channels)

	Standard Deduction/Addition	Accepted Tolerances
INSIDE MOUNT (IM)		
2" Tube/Fabric (ST50 & LT525)	Ordered Width – 2 1/8"	± 1/16"
2" Tube/Fabric (HDC 100S & HDC 200S)	Ordered Width – 1 7/8"	± 1/16"
2 1/2" Tube/Fabric (ST50 & LT525)	Ordered Width – 2 1/4"	± 1/16"
2 1/2" Tube/Fabric (HDC 100S & HDC 200S)	Ordered Width – 2"	± 1/16"
Side Channel & Wool Pile	Ordered Width – 7 5/8"	+ 1/16"
Bottom Channel & Wool Pile	Ordered Width – 5"	+ 1/16"
Fascia	Ordered Width – 1/8"	– 1/16"
OUTSIDE MOUNT (OM)		
2" Tube/Fabric (ST50 & LT525)	Ordered Width – 2"	± 1/16"
2" Tube/Fabric (HDC 100S & HDC 200S)	Ordered Width – 1 3/4"	± 1/16"
2 1/2" Tube/Fabric (ST50 & LT525)	Ordered Width – 2 1/8"	± 1/16"
2 1/2" Tube/Fabric (HDC 100S & HDC 200S)	Ordered Width – 1 7/8"	± 1/16"
Side Channel & Wool Pile	Ordered Width – 7 5/8"	+ 1/16"
Bottom Channel & Wool Pile	Ordered Width – 4 7/8"	+ 1/16"
Fascia	Ordered Width	– 1/16"

5 1/4" Pocket (with Side & Bottom Channels)

	Standard Deduction/Addition	Accepted Tolerances
INSIDE MOUNT (IM)		
Side Channel & Wool Pile	Ordered Width – 5 3/8"	+ 1/16"
Bottom Channel & Wool Pile	Ordered Width – 5"	+ 1/16"
OUTSIDE MOUNT (OM)		
Side Channel & Wool Pile	Ordered Width – 5 3/8"	+ 1/16"
Bottom Channel & Wool Pile	Ordered Width – 4 7/8"	+ 1/16"

— DEDUCTION CHARTS —

(Ordering dimensions versus finished product dimensions.
All deductions/additions are based on customer's IM or OM size.)

9" Pocket (with Side & Bottom Channels)

	Standard Deduction/Addition	Accepted Tolerances
INSIDE MOUNT (IM)		
Side Channel & Wool Pile	Ordered Width – 9 1/8"	+ 1/16"
Bottom Channel & Wool Pile	Ordered Width – 5"	+ 1/16"
OUTSIDE MOUNT (OM)		
Side Channel & Wool Pile	Ordered Width – 9 1/8"	+ 1/16"
Bottom Channel & Wool Pile	Ordered Width – 4 7/8"	+ 1/16"

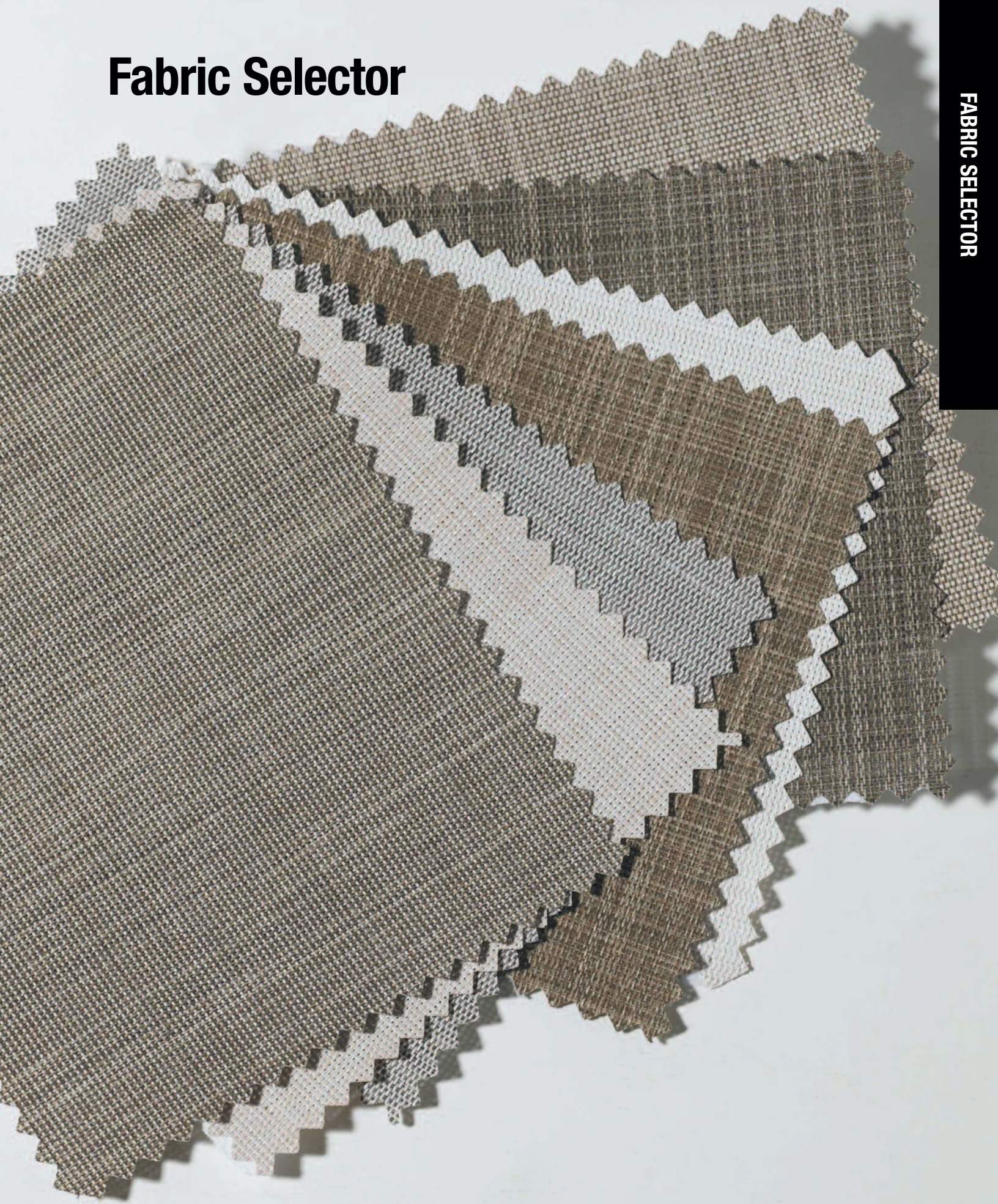
Motorized Roller Shade Extruded Pocket

Pocket Size	Pocket Length	Closure Length	Closure Mount Strip
INSIDE MOUNT (IM)			
5 1/4"	Ordered Width – 3/8"	Ordered Width – 1/2"	Ordered Width – 1/8"
9"	Ordered Width – 1/2"	Ordered Width – 5/8"	Ordered Width – 1/8"
OUTSIDE MOUNT (OM)			
5 1/4"	Ordered Width – 1/4"	Ordered Width – 3/8"	Ordered Width
9"	Ordered Width – 3/8"	Ordered Width – 1/2"	Ordered Width

**For additional deduction information related to
Coupled Shades, Dual Coupled Shades, and Banded Shades,
contact Hunter Douglas Contract.**

Fabric Selector

FABRIC SELECTOR

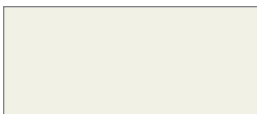


— FABRIC COLLECTION INDEX —

FABRIC NAME	MAX WIDTH	CONTENT	OPENNESS FACTOR	PAGE
GreenScreen X-Lite	118"	100% polyester (PVC-free)	0%	4-4
GreenScreen Eco	118"	100% polyester (PVC-free)	3%	4-5
Flocke	78"	51% acrylic, 42% fiberglass, 7% cotton flocked backing	0%	4-6
Morocco	72"	100% fiberglass with vinyl laminates	0%	4-7
Pima	72"	100% cotton with vinyl coating	0%	4-8
Sheerweave 7000	94"	100% polyester with acrylic foamed backing (PVC-free)	0%	4-9
Sheerweave 7100	72"	PVC coated fiberglass laminated with 2-ply 100% PVC blackout film	0%	4-10
E Screen 7501	98"	64% vinyl, 36% fiberglass	1%	4-11
GlacierScreen HD2001	118"	78% vinyl, 22% polyester	1%	4-12
Sheerweave 2500	98"	65% PVC, 35% fiberglass	1%	4-13
Sheerweave 2701	98"	64% PVC, 36% fiberglass	1%	4-14
Sheerweave 4800	96"	76% PVC on polyester, 24% polyester	1%	4-15
Fiz	118"	100% woven fiberglass/EVA coating	2%	4-16
E Screen 7503	98"	64% vinyl, 36% fiberglass	3%	4-17
GlacierScreen HD1003	118"	78% vinyl, 22% polyester	3%	4-18
GlacierScreen HD2003	118"	78% vinyl, 22% polyester	3%	4-19
M Screen 8503	98"	64% vinyl, 36% fiberglass	3%	4-20
Sheerweave 2410	98"	65% PVC on fiberglass, 35% fiberglass	3%	4-22
Sheerweave 2703	98"	64% PVC, 36% fiberglass	3%	4-23
Sheerweave 4400	98"	75% PVC on polyester, 25% polyester	3%	4-24
Sheerweave 4600	98"	78% PVC on polyester, 22% polyester	3%	4-25
Sheerweave 4650	98"	83% PVC on polyester, 17% polyester	3%	4-26
Star 2115	98"	66% PVC, 34% fiberglass	4%	4-27
E Screen 7505	96"	64% vinyl, 36% fiberglass	5%	4-28
GlacierScreen HD1005	118"	78% vinyl, 22% polyester	5%	4-29
M Screen 8505	98"	64% vinyl, 36% fiberglass	5%	4-30
M Screen Deco	98"	64% vinyl, 36% fiberglass	5%	4-32
Sheerweave 2000	96"	63% PVC on fiberglass, 37% fiberglass	5%	4-33
Sheerweave 2390	98"	65% PVC on fiberglass, 35% fiberglass	5%	4-34
Sheerweave 2705	98"	64% PVC, 36% fiberglass	5%	4-35
Sheerweave 4000	98"	75% PVC on polyester, 25% polyester	5%	4-36
Sheerweave 4500	98"	83% PVC on polyester, 17% polyester	5%	4-37
Sheerweave 4550	98"	83% PVC on polyester, 17% polyester	5%	4-38
Sheerweave 5000	74"	72% PVC on polyester, 28% polyester	5% – 10%	4-39
E Screen 7510	98"	64% vinyl, 36% fiberglass	10%	4-40
GlacierScreen HD1010	118"	78% vinyl, 22% polyester	10%	4-41
New Orleans	98"	66% PVC, 34% fiberglass	10%	4-42
Sheerweave 2100	96"	63% PVC on fiberglass, 37% fiberglass	10%	4-43
Sheerweave 2360	98"	63% PVC on fiberglass, 37% fiberglass	10%	4-44
Sheerweave 2710	98"	64% PVC, 36% fiberglass	10%	4-45
Sheerweave 4100	98"	75% PVC on polyester, 25% polyester	10%	4-46
Sheerweave 3000	96"	65% PVC on fiberglass, 35% fiberglass; 69% PVC on polyester, 31% polyester	14%	4-47

For additional fabric specification and fenestration information, see individual fabric selector pages.

FASCIA & BRACKET COLORS:



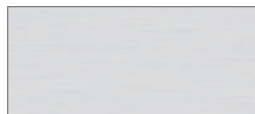
VANILLA



WHITE



BRONZE



ANODIZED



BLACK

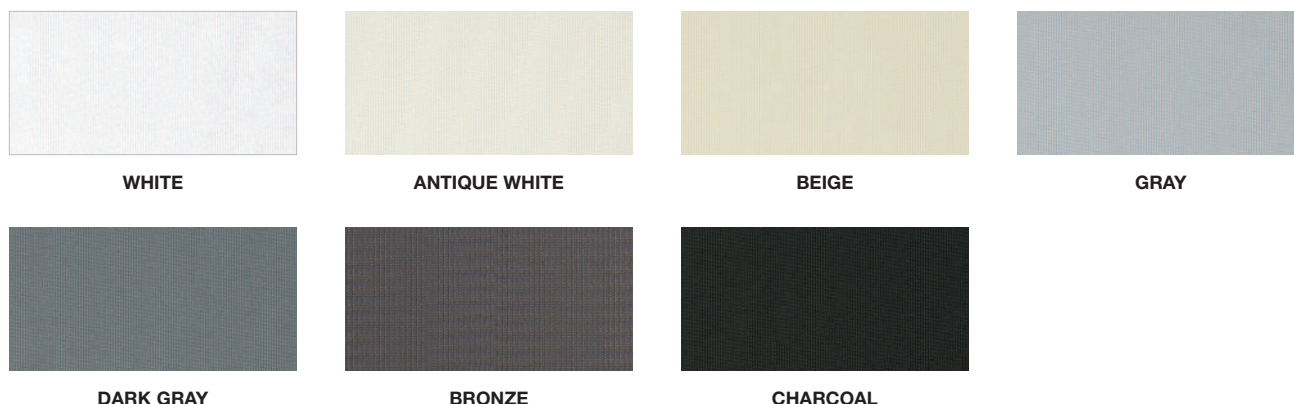
— ADDITIONAL FABRIC INFORMATION —

FABRIC NAME	MIN WIDTH	MAX WIDTH	MAX* HEIGHT	MAX WIDTH TURNED	MAX HEIGHT TURNED WITHOUT SEAM	MAX WIDTH RAILROAD	MAX HEIGHT RAILROAD WITH SEAM	FABRIC CAN BE SEALED (HEMBARS) Y/N
GreenScreen X-Lite	12"	118"	144"	192"	104"	NA	NA	N
GreenScreen Eco	12"	118"	179"	192"	104"	NA	NA	N
Flocke	12"	78"	192"	192"	64"	192"	144"	Y
Morocco	12"	72"	192"	192"	58"	192"	144"	Y
Pima	12"	72"	192"	NA	NA	NA	NA	N
Sheerweave 7000	12"	94"	144"	192"	80"	192"	144"	Y
Sheerweave 7100	12"	72"	144"	192"	58"	192"	144"	Y
E Screen 7501	12"	98"	192"	192"	84"	192"	144"	Y
GlacierScreen HD2001	12"	118"	144"	192"	70"	192"	144"	Y
Sheerweave 2500	12"	98"	192"	192"	84"	192"	144"	Y
Sheerweave 2701	12"	98"	192"	192"	84"	192"	144"	Y
Sheerweave 4800	12"	96"	144"	144"	82"	144"	144"	Y
Fiz	12"	118"	144"	NA	NA	NA	NA	N
E Screen 7503	12"	98"	192"	192"	84"	192"	144"	Y
GlacierScreen HD1003	12"	118"	144"	192"	70"	192"	144"	Y
GlacierScreen HD2003	12"	118"	144"	192"	70"	192"	144"	Y
M Screen 8503	12"	98"	192"	192"	84"	192"	144"	Y
Sheerweave 2410	12"	98"	192"	192"	84"	192"	144"	Y
Sheerweave 2703	12"	98"	192"	192"	84"	192"	144"	Y
Sheerweave 4400	12"	98"	144"	144"	84"	144"	144"	Y
Sheerweave 4600	12"	98"	144"	144"	84"	144"	144"	Y
Sheerweave 4650	12"	98"	144"	144"	84"	144"	144"	Y
Star 2115	12"	98"	192"	192"	84"	192"	144"	Y
E Screen 7505	12"	96"	192"	192"	82"	192"	144"	Y
GlacierScreen HD1005	12"	118"	144"	192"	70"	192"	144"	Y
M Screen 8505	12"	98"	192"	192"	84"	192"	144"	Y
M Screen Deco	12"	98"	192"	192"	84"	192"	144"	Y
Sheerweave 2000	12"	96"	192"	192"	82"	192"	144"	Y
Sheerweave 2390	12"	98"	192"	192"	84"	192"	144"	Y
Sheerweave 2705	12"	98"	192"	192"	84"	192"	144"	Y
Sheerweave 4000	12"	98"	144"	144"	84"	144"	144"	Y
Sheerweave 4500	12"	98"	144"	144"	84"	144"	144"	Y
Sheerweave 4550	12"	98"	144"	144"	84"	144"	144"	Y
Sheerweave 5000	12"	74"	144"	192"	60"	192"	144"	Y
E Screen 7510	12"	98"	192"	192"	84"	192"	144"	Y
GlacierScreen HD1010	12"	118"	144"	192"	70"	192"	144"	Y
New Orleans	12"	98"	192"	192"	84"	192"	144"	Y
Sheerweave 2100	12"	96"	192"	192"	82"	192"	144"	Y
Sheerweave 2360	12"	98"	192"	192"	84"	192"	144"	Y
Sheerweave 2710	12"	98"	192"	192"	84"	192"	144"	Y
Sheerweave 4100	12"	98"	144"	144"	84"	144"	144"	Y
Sheerweave 3000	12"	96"	144"	192"	82"	192"	144"	Y

*Heights larger than 144" not covered under warranty.

Note: The digital colors throughout this catalog may vary from the actual material. Call 800-727-8953 for fabric samples.

The fenestration data provided in this fabric selector are derived from information provided by Hunter Douglas' vendors and/or testing conducted by Hunter Douglas or its vendors. Test methods used are intended to demonstrate the qualities and performance of the specific fabric samples tested, and the data may not reflect or predict the qualities or performance of the fabrics under actual conditions. In addition, tests may not have been conducted by certified or governmentally approved testing facilities and, accordingly, the results may vary from those that would be obtained at such certified or approved facilities. Hunter Douglas assumes no liability to its customer or any other person or entity whatsoever arising out of any loss or damage suffered or sustained, or for any amounts required to be paid, as a result of the performance (or nonperformance) of the fabric under actual conditions.



Specifications

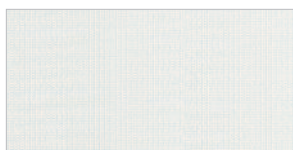
MAX. FABRIC WIDTH:	118"	OPENNESS FACTOR:	0%
ROLL LENGTH:	27.3 yd	COMPOSITION:	100% polyester (PVC-free); polyurethane finish
FABRIC WEIGHT:	8.85 oz/yd ²	FIRE CLASSIFICATION:	NFPA 701-99 (small scale) M1, B1
FABRIC THICKNESS:	0.015"		

COLOR	SOLAR OPTICAL PROPERTIES						SHADING COEFFICIENT (INTERNAL)		
	TS	RS	AS	Tuv	Tv	O-F	SINGLE		
							1/8CL	1/4CL	1/4HA
White	0	61	38	0	0	0	0.32	0.32	0.31
Antique White	0	61	38	0	0	0	0.32	0.32	0.31
Beige	0	61	38	0	0	0	0.32	0.32	0.31
Gray	0	61	38	0	0	0	0.32	0.32	0.31
Dark Gray	0	61	38	0	0	0	0.32	0.32	0.31
Bronze	0	61	38	0	0	0	0.32	0.32	0.31
Charcoal	0	61	38	0	0	0	0.32	0.32	0.31

TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
Tuv Ultra-violet Transmittance
Tv Visual Transmittance
O-F Openness Factor

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

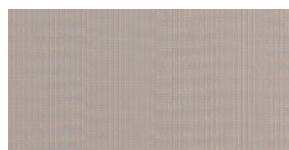
- The solar optical properties are used to calculate the shading coefficient.
- The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker colors provide maximum glare reduction and visibility.



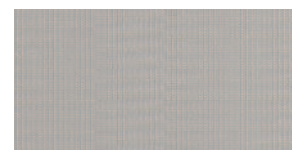
WHITE



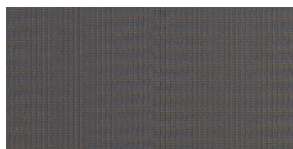
LINEN



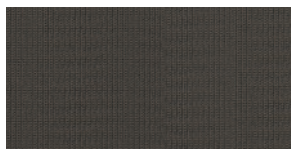
PEARL / LINEN



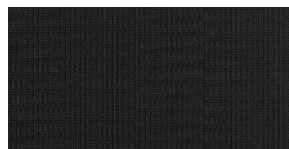
PEARL



PEWTER



CHARCOAL / BRONZE



CHARCOAL

Specifications

MAX. FABRIC WIDTH: 118"

ROLL LENGTH: 54.6 yd

FABRIC WEIGHT: 4.71 oz/yd²

FABRIC THICKNESS: 0.015"

OPENNESS FACTOR: 3%

COMPOSITION: 100% polyester (PVC-free)

FIRE CLASSIFICATION: NFPA 701-99 (small scale)

COLOR	SOLAR OPTICAL PROPERTIES						SHADING COEFFICIENT (INTERNAL)		
							SINGLE		
	TS	RS	AS	Tuv	Tv	O-F	1/8CL	1/4CL	1/4HA
White	47	44	9	15	39	3	0.57	0.55	0.44
Linen	45	42	13	14	35	4	0.58	0.56	0.44
Pearl/Linen	39	39	22	13	26	4	0.58	0.56	0.44
Pearl	39	39	22	13	27	3	0.58	0.56	0.44
Pewter	30	32	38	8	11	3	0.61	0.58	0.45
Charcoal/Bronze	24	28	48	5	7	3	0.62	0.59	0.46
Charcoal	25	29	46	6	6	3	0.62	0.59	0.46

TS Solar Transmittance**RS** Solar Reflectance**AS** Solar Absorptance**Tuv** Ultra-violet Transmittance**Tv** Visual Transmittance**O-F** Openness Factor**1/8 CL** 1/8" Clear Glass**1/4 CL** 1/4" Clear Glass**1/4 HA** 1/4" Heat Absorbing Glass

- 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.



Specifications

MAX. FABRIC WIDTH: 78"
 ROLL LENGTH: 30 yd
 FABRIC WEIGHT: 12.3 oz/yd² – 606, 614
 14.7 oz/yd² – 600, 623, 618, 603, 625, 626,
 608, 609, 615
 FABRIC THICKNESS: 0.020" – 606, 614
 0.022" – 600, 623, 618, 603, 625, 626,
 608, 609, 615
 OPENNESS FACTOR: 0% (total blackout)

COMPOSITION: 51% acrylic, 42% fiberglass,
 7% cotton flocke backing
 UV BLOCKAGE: 100%
 FIRE CLASSIFICATION: NFPA 701 (small scale)
 California Title 19,
 ASTM E-84, M1, B1
 BREAKING STRENGTH: warp 305 lbs
 weft 197 lbs
 STRETCH: warp <5%
 weft <5%

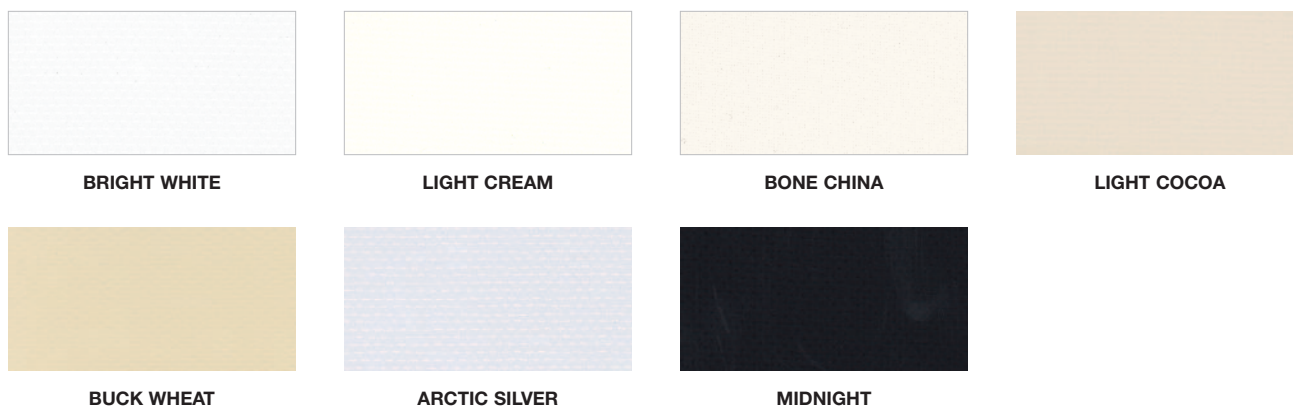
COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
					SINGLE		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA
BLANC	0	69	31	0	0.27	0.28	0.29
NOIR	0	68	32	0	0.28	0.28	0.29
ALL OTHER COLORS	*	*	*	*	*	*	*

* Test results not yet available.

TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.



Specifications

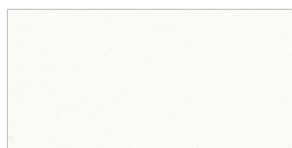
MAX. FABRIC WIDTH:	72"	COMPOSITION:	100% fiberglass with vinyl laminates
ROLL LENGTH:	30 yd	FIRE CLASSIFICATION:	NFPA 701, CCC-C-521E
FABRIC WEIGHT:	14 oz/yd ²		(type 11 fiberglass) A-A150
FABRIC THICKNESS:	0.012"		
OPENNESS FACTOR:	0% (room darkening)		

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
					SINGLE		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA
ALL COLORS	*	*	*	*	*	*	*

* Test results not yet available.

TS Solar Transmittance	1/8 CL 1/8" Clear Glass
RS Solar Reflectance	1/4 CL 1/4" Clear Glass
AS Solar Absorptance	1/4 HA 1/4" Heat Absorbing Glass
TV Visual Transmittance	

- 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.



BRIGHT WHITE



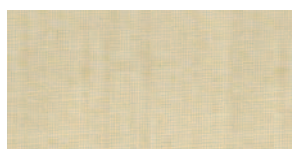
LINEN



BAMBOO



BEACH SHELLS



BARLEY

Specifications

MAX. FABRIC WIDTH: 72"
 ROLL LENGTH: 30 yd
 FABRIC WEIGHT: 6 oz/yd²
 FABRIC THICKNESS: 0.010"
 OPENNESS FACTOR: 0%

COMPOSITION: 100% cotton with vinyl coating
 FIRE CLASSIFICATION: NFPA 701 (small scale), CCC-C-521E

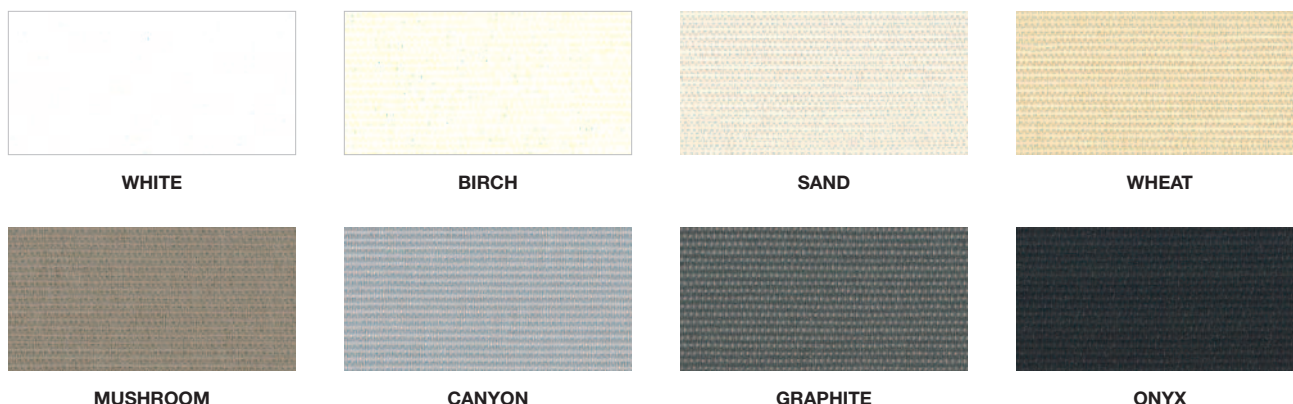
	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
					SINGLE		
COLOR	TS	RS	AS	TV	1/8CL	1/4CL	1/4HA
ALL COLORS	*	*	*	*	*	*	*

* Test results not yet available.

TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.



Specifications

MAX. FABRIC WIDTH:	94"	UV BLOCKAGE:	90% – 95%
ROLL LENGTH:	30 yd	FIRE CLASSIFICATION:	NFPA 701-99 TM#1 (small scale), California Title 19 (small scale), British Standard
FABRIC WEIGHT:	10.0 oz/yd ²	BREAKING STRENGTH:	warp 205 lbs fill 225 lbs
FABRIC THICKNESS:	0.018"		
OPENNESS FACTOR:	0%		
COMPOSITION:	100% polyester with acrylic foamed cream-colored backing		

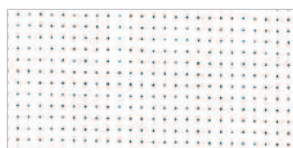
COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
					SINGLE			INSULATING		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA	1/2 CL	1 CL	1 HA
WHITE	0	64	36	0	0.31	0.31	0.3	*	0.3	0.24
ONYX	0	64	36	0	0.31	0.31	0.3	*	0.3	0.24
ALL OTHER COLORS	*	*	*	*	*	*	*	*	*	*

* Test results not yet available.

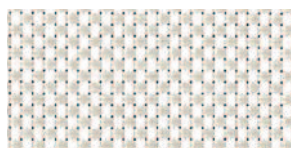
TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.



WHITE



WHITE / BONE



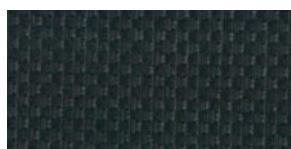
WHITE / PLATINUM



BONE



BONE / PLATINUM



CHARCOAL

Specifications

MAX. FABRIC WIDTH: 72"
ROLL LENGTH: 30 yd
FABRIC WEIGHT: 19.8 oz/yd²
FABRIC THICKNESS: 0.023"
OPENNESS FACTOR: 0%
COMPOSITION: PVC coated fiberglass laminated with 2-ply 100% PVC blackout film white backing

FIRE CLASSIFICATION: NFPA 701-99 TM#1, California Title 19
BREAKING STRENGTH: warp 253 lbs
 fill 263 lbs

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
					SINGLE			INSULATING		
	TS	RS	AS	TV	1/8CL	1/4CL	1/4HA	1/2 CL	1CL	1HA
WHITE	0	71	29	0	0.25	0.26	0.28	*	0.26	0.22
CHARCOAL	0	69	31	0	0.27	0.28	0.29	*	0.28	0.23
ALL OTHER COLORS	*	*	*	*	*	*	*	*	*	*

* Test results not yet available.

TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.

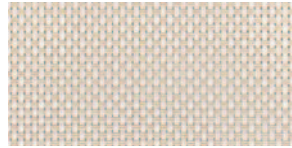
E Screen 7501

1% openness

Fabric is also available in: 3% openness (see E Screen 7503, page 4-17)
5% openness (see E Screen 7505, page 4-28)
10% openness (see E Screen 7510, page 4-40)



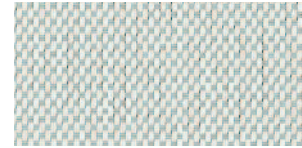
WHITE / WHITE



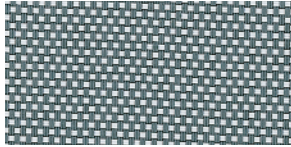
WHITE / LINEN



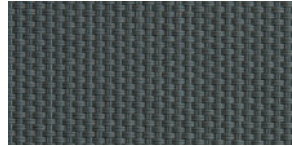
LINEN / LINEN



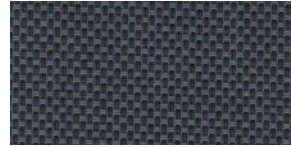
WHITE / PEARL



GRAY / WHITE



GRAY / GRAY



CHARCOAL / GRAY



CHARCOAL / BRONZE



CHARCOAL / CHARCOAL

Specifications

MAX. FABRIC WIDTH: 98.4"
ROLL LENGTH: 30 yd
FABRIC WEIGHT: 13.3 oz/yd²
FABRIC THICKNESS: 0.020"
OPENNESS FACTOR: 1%
COMPOSITION: 64% vinyl, 36% fiberglass

UV BLOCKAGE: 99%
FIRE CLASSIFICATION: NFPA 701-04 TM#1,
California Title 19
BREAKING STRENGTH: warp > 280 lbs
weft > 250 lbs
YARN DIAMETER: warp 26 ends/in
weft 19.5 ends/in

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
					SINGLE			INSULATING		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA	1/2 CL	1CL	1HA
WHITE/WHITE	17	68	15	15	*	0.32	0.31	*	*	*
WHITE/LINEN	18	60	22	13	*	0.38	0.34	*	*	*
LINEN/LINEN	17	52	31	11	*	0.43	0.37	*	*	*
WHITE/PEARL	10	52	38	8	*	0.41	0.36	*	*	*
GRAY/WHITE	6	33	61	3	*	0.52	0.42	*	*	*
GRAY/GRAY	4	19	77	2	*	0.60	0.46	*	*	*
CHARCOAL/GRAY	1	9	90	1	*	0.66	0.49	*	*	*
CHARCOAL/BRONZE	1	6	93	1	*	0.68	0.50	*	*	*
CHARCOAL/CHARCOAL	1	5	94	1	*	0.68	0.50	*	*	*

* Test results not yet available.

TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.



WHITE / WHITE



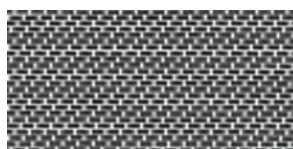
WHITE / LINEN



WHITE / SAND



WHITE / BRONZE



WHITE / BLACK

Specifications

MAX. FABRIC WIDTH: 118"
ROLL LENGTH: 32.8 yd
FABRIC WEIGHT: 14.9 oz/yd²
FABRIC THICKNESS: 0.0268"
OPENNESS FACTOR: 1%

COMPOSITION: 78% vinyl, 22% polyester
FIRE CLASSIFICATION: NFPA 701-99 (small scale),
Silver nano sterilization verified
for anti-microbial performance

		SOLAR OPTICAL PROPERTIES						SHADING COEFFICIENT WITH INSULATING		
COLOR		Ts	Rs	As	Tuv	Tv	O-F	1/8CL	1/4CL	1/4HA
WHITE / WHITE		20	64	16	1	13	< 0.5%	0.36	0.36	0.33
WHITE / LINEN	LIGHT SIDE	18	62	20	1	12	1	0.37	0.37	0.34
	DARK SIDE	18	59	23	1	12	1	0.39	0.38	0.35
WHITE / SAND	LIGHT SIDE	14	59	27	1	8	< 0.5%	0.38	0.38	0.34
	DARK SIDE	14	47	39	1	8	< 0.5%	0.46	0.45	0.38
WHITE / BRONZE	LIGHT SIDE	7	52	41	1	5	< 0.5%	0.41	0.40	0.35
	DARK SIDE	7	29	64	1	5	< 0.5%	0.57	0.55	0.43
WHITE / BLACK	LIGHT SIDE	6	50	44	1	5	< 0.5%	0.42	0.41	0.36
	DARK SIDE	6	24	70	1	5	< 0.5%	0.60	0.58	0.45

TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
Tuv Ultra-violet Transmittance
TV Visual Transmittance
O-F Openness Factor

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.



OYSTER



OYSTER/BEIGE



OYSTER/PEARL GRAY



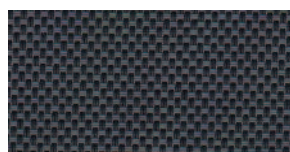
BEIGE



BEIGE/PEARL GRAY



PEARL GRAY



CHARCOAL/GRAY



CHARCOAL/CHESTNUT



CHARCOAL

Specifications

MAX. FABRIC WIDTH: 98"
 ROLL LENGTH: 30 yd
 FABRIC WEIGHT: 16.1 oz/yd²
 FABRIC THICKNESS: 0.024"
 OPENNESS FACTOR: 5%
 COMPOSITION: 65% PVC,
 35% fiberglass

UV BLOCKAGE: 95%
 FIRE CLASSIFICATION: M1, California U.S. Title 19 (small Scale),
 NFPA 701-2004 TM#1, TM#2
 BREAKING STRENGTH: warp 250 lbs, fill 235 lbs
 STIFFNESS: warp 190 Mg, fill 220 Mg
 YARN DIAMETER: warp 0.011", fill 0.013"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
					SINGLE		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA
OYSTER	15	68	17	19	0.31	0.32	0.31
OYSTER/BEIGE	10	60	30	9	0.36	0.36	0.33
OYSTER/PEARL GRAY	7	50	43	9	0.43	0.42	0.36
BEIGE	7	50	43	6	0.43	0.42	0.36
BEIGE/PEARL GRAY	5	42	53	5	0.48	0.46	0.39
PEARL GRAY	3	32	45	3	0.54	0.52	0.42
CHARCOAL	1	4	96	1	0.73	0.69	0.50
CHARCOAL/GRAY	2	8	90	3	0.70	0.67	0.49
CHARCOAL/CHESTNUT	1	6	93	1	0.71	0.68	0.50

* Test results not yet available.

TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.

SheerWeave 2701

1% openness

Fabric is also available in: 3% openness (see SheerWeave 2703, page 4-23)
5% openness (see SheerWeave 2705, page 4-35)
10% openness (see SheerWeave 2710, page 4-45)



OYSTER



OYSTER/BEIGE



OYSTER/PEWTER



OYSTER/CHARCOAL



OYSTER/CHESTNUT

Specifications

MAX. FABRIC WIDTH: 98.4"
ROLL LENGTH: 30 yd
FABRIC WEIGHT: 14.6 oz/yd²
FABRIC THICKNESS: 0.027"
OPENNESS FACTOR: 3%

COMPOSITION: 64% PVC,
36% fiberglass
FIRE CLASSIFICATION: NFPA 701-04 TM#1, TM#2
California U.S. Title 19

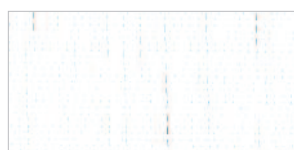
COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
					SINGLE		
	TS	RS	AS	TV	1/8CL	1/4CL	1/4HA
OYSTER	21	64	15	17	0.36	0.36	0.33
OYSTER/BEIGE	15	57	28	12	0.38	0.38	0.34
OYSTER/CHARCOAL	5	39	56	6	0.49	0.47	0.39
OYSTER/PEWTER	6	43	51	6	0.46	0.45	0.37
OYSTER/CHESTNUT	6	41	53	6	0.47	0.46	0.38

* Test results not yet available.

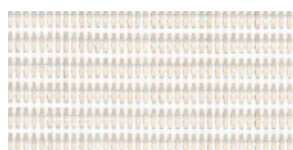
TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.



CHALK



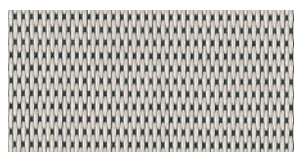
ALABASTER



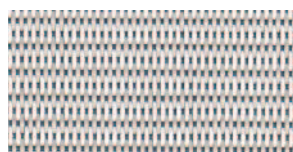
PEARL



SAND



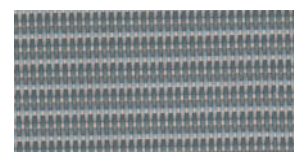
TAUPE



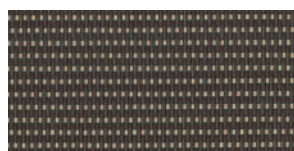
GRAY



CLAY



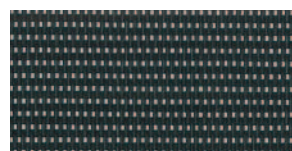
FLEECE



MOCHA



MINK



FLINT



EBONY

Specifications

MAX. FABRIC WIDTH:	96"
ROLL LENGTH:	30 yd
FABRIC WEIGHT:	18.5 oz/yd ²
FABRIC THICKNESS:	0.036"
OPENNESS FACTOR:	1%
COMPOSITION:	76% PVC on polyester, 24% polyester
UV BLOCKAGE:	99%

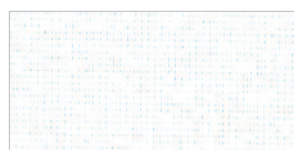
FIRE CLASSIFICATION:	NFPA 701 (small scale)
BREAKING STRENGTH:	warp 400 lbs fill 120 lbs
STIFFNESS:	warp 800 Mg fill 300 Mg
STRETCH:	warp 1.0%, fill 3.0%
YARN DIAMETER:	0.020"

COLOR	SOLAR OPTICAL PROPERTIES					SHADING COEFFICIENT WITH					
						SINGLE			INSULATING		
	TS	RS	AS	TuV	TV	1/8 CL	1/4 CL	1/4 HA	1/2 CL	1CL	1HA
CHALK	8	77	15	6	< 0.5%	0.21	0.22	0.26	0.22	0.24	0.21
ALABASTER	10	62	28	4	*	0.35	0.35	0.32	0.33	0.33	0.26
PEARL	4	67	29	3	< 0.5%	0.29	0.30	0.3	0.28	0.29	0.24
SAND	1	51	48	1	< 0.5%	0.40	0.40	0.35	0.39	0.38	0.29
TAUPE	1	41	58	< 0.5%	0	0.47	0.46	0.38	0.45	0.43	0.32
GRAY	4	51	45	2	*	0.41	0.40	0.35	0.39	0.38	0.29
CLAY	< 0.5%	32	68	< 0.5%	< 0.5%	0.53	0.51	0.41	0.51	0.48	0.34
FLEECE	< 0.5%	24	76	1	< 0.5%	0.59	0.56	0.44	0.56	0.52	0.37
MOCHA	< 0.5%	12	88	1	< 0.5%	0.67	0.64	0.48	0.63	0.58	0.40
MINK	< 0.5%	7	93	< 0.5%	< 0.5%	0.70	0.67	0.49	0.66	0.61	0.42
FLINT	0	8	92	< 0.5%	0	0.70	0.66	0.49	0.65	0.60	0.41
EBONY	0	3	97	< 0.5%	< 0.5%	0.73	0.69	0.51	0.68	0.63	0.43

* Test results not yet available.

TS Solar Transmittance	1/8 CL 1/8" Clear Glass
RS Solar Reflectance	1/4 CL 1/4" Clear Glass
AS Solar Absorptance	1/4 HA 1/4" Heat Absorbing Glass
TuV Ultra-violet Transmittance	
TV Visual Transmittance	

- 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.



BLANC



RIZ



SEMOULE



CHANVRE



BEIGE



POIVRE

Specifications

MAX. FABRIC WIDTH: 118"
ROLL LENGTH: 30 yd
FABRIC WEIGHT: 4.72 oz/yd²
FABRIC THICKNESS: 0.010"
OPENNESS FACTOR: 2%
COMPOSITION: 100% woven fiberglass / EVA coating

UV BLOCKAGE: 90%
FIRE CLASSIFICATION: NFPA 701-99 TM#1, California Title 19
BREAKING STRENGTH: warp 112 lbs
 weft 112 lbs

COLOR	SOLAR OPTICAL PROPERTIES						SHADING COEFFICIENT (INTERNAL)		
							SINGLE		
	TS	RS	AS	T _{uv}	T _v	O-F	1/8CL	1/4CL	1/4HA
Blanc	41	51	8	26	29	2	0.50	0.49	0.40
Riz	39	48	13	24	28	2	0.52	0.50	0.41
Semoule	39	50	11	23	27	2	0.51	0.49	0.40
Chanvre	39	48	13	22	27	2	0.52	0.50	0.41
Beige	35	46	19	16	24	2	0.52	0.51	0.41
Poivre	37	46	17	22	26	2	0.53	0.51	0.42

TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
T_{uv} Ultra-violet Transmittance
T_v Visual Transmittance
O-F Openness Factor

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.

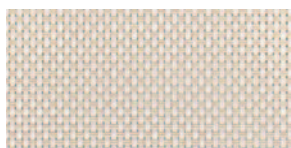
E Screen 7503

3% openness

Fabric is also available in: 1% openness (see E Screen 7501, page 4-11)
5% openness (see E Screen 7505, page 4-28)
10% openness (see E Screen 7510, page 4-40)



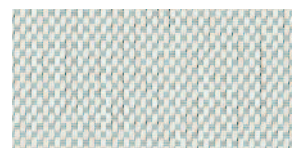
WHITE / WHITE



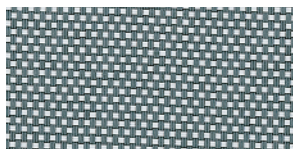
WHITE / LINEN



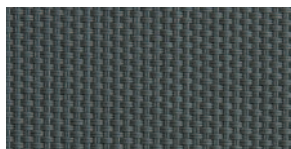
LINEN / LINEN



WHITE / PEARL



GRAY / WHITE



GRAY / GRAY



CHARCOAL / GRAY



CHARCOAL / BRONZE



CHARCOAL / CHARCOAL

Specifications

MAX. FABRIC WIDTH: 98.4"
ROLL LENGTH: 30 yd
FABRIC WEIGHT: 12.3 oz/yd²
FABRIC THICKNESS: 0.020"
OPENNESS FACTOR: 3%
COMPOSITION: 64% vinyl, 36% fiberglass

UV BLOCKAGE: 97-98%
FIRE CLASSIFICATION: NFPA 701-04 TM#1,
California Title 19
BREAKING STRENGTH: warp > 280 lbs
weft > 250 lbs
YARN DIAMETER: warp 26 ends/in
weft 16 ends/in

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
					SINGLE			INSULATING		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA	1/2 CL	1CL	1HA
WHITE/WHITE	20	65	15	17	*	0.35	0.33	*	*	*
WHITE/LINEN	19	60	21	16	*	0.38	0.34	*	*	*
LINEN/LINEN	20	51	29	15	*	0.44	0.38	*	*	*
WHITE/PEARL	13	51	36	11	*	0.42	0.37	*	*	*
GRAY/WHITE	9	30	61	6	*	0.55	0.43	*	*	*
GRAY/GRAY	6	18	76	5	*	0.61	0.47	*	*	*
CHARCOAL/GRAY	3	9	88	3	*	0.66	0.49	*	*	*
CHARCOAL/BRONZE	2	6	92	3	*	0.68	0.50	*	*	*
CHARCOAL/CHARCOAL	2	5	93	3	*	0.68	0.50	*	*	*

* Test results not yet available.

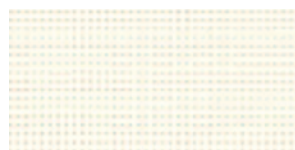
TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.

GlacierScreen HD1003 | 3% openness

Fabric is also available in:
5% openness (see GlacierScreen HD1005, page 4-29)
10% openness (see GlacierScreen HD1010, page 4-41)



WHITE / WHITE



WHITE / LINEN



WHITE / SAND



WHITE / PEARL



WHITE / GRAY



WHITE / BLACK



BLACK / PEARL



BLACK / BRONZE



BLACK / BLACK

Specifications

MAX. FABRIC WIDTH: 118"
ROLL LENGTH: 32.8 yd
FABRIC WEIGHT: 14.6 oz/yd²
FABRIC THICKNESS: 0.0283"

OPENNESS FACTOR: 3%
COMPOSITION: 78% vinyl, 22% polyester
FIRE CLASSIFICATION: NFPA 701-2004 TM#1
Cal Tech Title 19

	SOLAR OPTICAL PROPERTIES					SHADING COEFFICIENT WITH INSULATING		
COLOR	Ts	Rs	As	Tuv	Tv	1/8CL	1/4CL	1/4HA
WHITE/WHITE	21	67	12	4	18	0.34	0.34	0.32
WHITE/SAND	13	50	37	4	11	0.44	0.43	0.37
WHITE/LINEN	20	63	17	4	16	0.36	0.36	0.33
WHITE/PEARL	15	54	31	4	13	0.42	0.41	0.36
WHITE/GRAY	8	38	54	4	9	0.51	0.50	0.40
WHITE/BLACK	6	29	65	4	7	0.57	0.55	0.43
BLACK/PEARL	4	18	78	4	6	0.64	0.61	0.46
BLACK/BLACK	4	4	92	4	6	0.73	0.69	0.51
BLACK/BRONZE	4	6	90	4	5	0.72	0.68	0.50

TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
Tuv Ultra-violet Transmittance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.



WHITE/WHITE



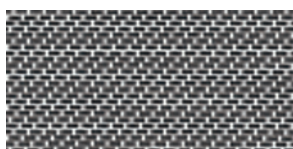
WHITE/LINEN



WHITE/SAND



WHITE/BRONZE



WHITE/BLACK

Specifications

MAX. FABRIC WIDTH: 118"
ROLL LENGTH: 32.8 yd
FABRIC WEIGHT: 13.3 oz/yd
FABRIC THICKNESS: 0.028"

OPENNESS FACTOR: 3%
COMPOSITION: 78% vinyl, 22% polyester
FIRE CLASSIFICATION: NFPA 701-2004 TM#1

		SOLAR OPTICAL PROPERTIES					SHADING COEFFICIENT WITH INSULATING		
COLOR		Ts	Rs	As	Tuv	Tv	1/8CL	1/4CL	1/4HA
WHITE/WHITE		24	64	12	4	20	0.37	0.37	0.34
WHITE/LINEN	LIGHT SIDE	23	63	14	4	19	0.37	0.37	0.34
	DARK SIDE	23	61	16	4	19	0.39	0.38	0.35
WHITE/SAND	LIGHT SIDE	17	58	25	4	14	0.39	0.39	0.35
	DARK SIDE	17	48	35	4	14	0.46	0.45	0.38
WHITE/BRONZE	LIGHT SIDE	11	50	39	4	11	0.43	0.43	0.37
	DARK SIDE	11	28	61	4	11	0.59	0.56	0.44
WHITE/BLACK	LIGHT SIDE	9	48	43	3	9	0.44	0.43	0.37
	DARK SIDE	9	23	68	3	9	0.62	0.59	0.45

TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
Tuv Ultra-violet Transmittance
TV Visual Transmittance

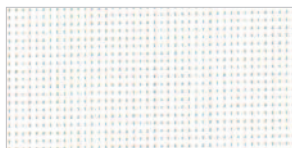
1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.

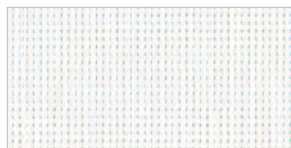
M Screen 8503

3% openness

Fabric is also available in 5% openness (see M Screen 8505, page 4-30)



WHITE/WHITE



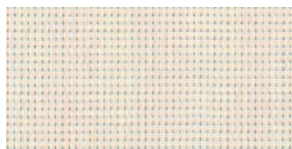
WHITE/LOTUS



WHITE/STONE



WHITE/LINEN



LINEN/LINEN



WHITE/SABLE



LINEN/STONE



PEARL/APRICOT



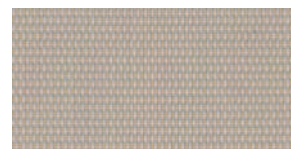
WHITE/PEARL



PEARL/LOTUS



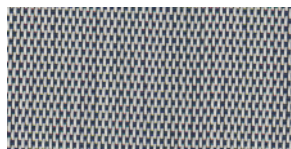
PEARL/LINEN



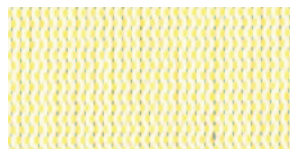
PEARL/SABLE



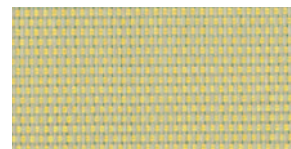
PEARL/PEARL



LINEN/ULTRAMARINE



WHITE/CANARY



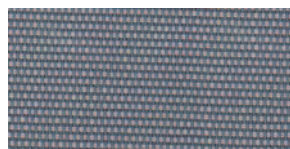
PEARL/CANARY



CHARCOAL/APRICOT



CHARCOAL/SABLE



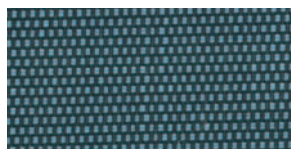
GRAY/LOTUS



CHARCOAL/LOTUS



GRAY/HUNTER



CHARCOAL/SKY



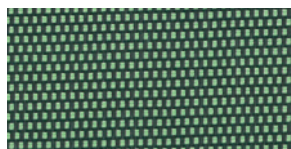
GRAY/ULTRAMARINE



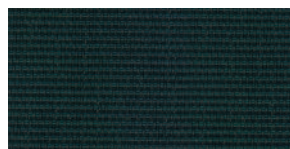
CHARCOAL/GRAY



CHARCOAL/MANDARIN



CHARCOAL/PARROT



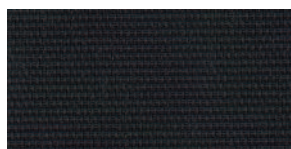
CHARCOAL/HUNTER



CHARCOAL/ULTRAMARINE



CHARCOAL/BRONZE



CHARCOAL/CHARCOAL

See next page for M Screen 8503 fabric specifications.

M Screen 8503 | Specifications

MAX. FABRIC WIDTH: 98.4"
 ROLL LENGTH: 30 yd
 FABRIC WEIGHT: 12.7 oz/yd²
 FABRIC THICKNESS: 0.022"
 OPENNESS FACTOR: 3%
 COMPOSITION: 64% vinyl, 36% fiberglass

UV BLOCKAGE: 97%
 FIRE CLASSIFICATION: NFPA 701 (small scale),
 California Title 19
 BREAKING STRENGTH: warp > 290 lbs
 weft > 280 lbs
 YARN DIAMETER: 0.012"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA
WHITE/WHITE	17	63	20	12	0.36	0.36	0.33
WHITE/LOTUS	19	57	24	12	0.41	0.40	0.35
WHITE/STONE	*	*	*	*	*	*	*
WHITE/LINEN	14	59	27	9	0.38	0.38	0.34
LINEN/LINEN	11	55	34	7	0.40	0.39	0.35
WHITE/SABLE	19	48	33	11	0.47	0.46	0.38
LINEN/STONE	*	*	*	*	*	*	*
PEARL/APRICOT	20	39	41	11	0.54	0.52	0.42
WHITE/PEARL	14	49	37	10	0.45	0.44	0.37
PEARL/LOTUS	14	39	47	9	0.52	0.50	0.41
PEARL/LINEN	10	43	47	7	0.48	0.47	0.39
PEARL/SABLE	15	34	51	10	0.56	0.54	0.43
PEARL/PEARL	11	34	55	7	0.55	0.53	0.42
LINEN/ULTRAMARINE	6	33	61	5	0.54	0.52	0.42
WHITE/CANARY	*	*	*	*	*	*	*
PEARL/CANARY	*	*	*	*	*	*	*
CHARCOAL/APRICOT	5	14	81	4	0.67	0.64	0.48
CHARCOAL/SABLE	4	12	84	4	0.68	0.65	0.48
GRAY/LOTUS	9	27	64	6	0.59	0.57	0.44
CHARCOAL/LOTUS	5	15	80	5	0.66	0.63	0.47
GRAY/HUNTER	*	*	*	*	*	*	*
CHARCOAL/SKY	*	*	*	*	*	*	*
GRAY/ULTRAMARINE	5	15	80	4	0.66	0.63	0.47
CHARCOAL/GRAY	4	9	87	5	0.70	0.66	0.49
CHARCOAL/MANDARIN	6	13	81	4	0.68	0.65	0.48
CHARCOAL/PARROT	*	*	*	*	*	*	*
CHARCOAL/HUNTER	4	6	90	4	0.72	0.68	0.5
CHARCOAL/ULTRAMARINE	3	6	91	4	0.72	0.68	0.50
CHARCOAL/BRONZE	3	6	91	4	0.72	0.68	0.50
CHARCOAL/CHARCOAL	3	4	93	4	0.73	0.69	0.51

* Test results not yet available.

TS Solar Transmittance **1/8 CL** 1/8" Clear Glass
RS Solar Reflectance **1/4 CL** 1/4" Clear Glass
AS Solar Absorptance **1/4 HA** 1/4" Heat Absorbing Glass
TV Visual Transmittance

- 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.

See previous page for M Screen 8503 fabric colors.



OYSTER



OYSTER/BEIGE



OYSTER/PEARL GRAY



BEIGE



BEIGE/PEARL GRAY



PEARL GRAY



CHARCOAL/GRAY



CHARCOAL/CHESTNUT



CHARCOAL

Specifications

MAX. FABRIC WIDTH: 98"
ROLL LENGTH: 30 yd
FABRIC WEIGHT: 13.9 oz/yd²
FABRIC THICKNESS: 0.019"
OPENNESS FACTOR: 3%
COMPOSITION: 65% PVC on fiberglass,
35% fiberglass
UV BLOCKAGE: 97%

FIRE CLASSIFICATION: NFPA 701 (small scale), ASTM-G21 and
ASTM-G22 (bacterial and fungal resistance)
BREAKING STRENGTH: warp 255 lbs
fill 325 lbs
STIFFNESS: warp 212 Mg
fill 233 Mg
YARN DIAMETER: warp 0.011"
fill 0.013"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
					SINGLE			INSULATING		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA	1/2 CL	1 CL	1 HA
OYSTER	17	64	19	12	0.35	0.35	0.33	0.33	0.33	0.26
OYSTER/BEIGE	11	55	34	8	0.40	0.39	0.35	0.38	0.37	0.28
OYSTER/PEARL GRAY	9	44	47	7	0.47	0.46	0.38	0.44	0.43	0.31
BEIGE	10	48	42	7	0.45	0.44	0.37	0.42	0.41	0.30
BEIGE/PEARL GRAY	7	39	54	5	0.50	0.49	0.40	0.47	0.45	0.33
PEARL GRAY	6	31	63	5	0.56	0.53	0.42	0.52	0.49	0.35
CHARCOAL/GRAY	3	9	88	3	0.70	0.66	0.49	0.65	0.60	0.41
CHARCOAL/CHESTNUT	3	6	91	3	0.72	0.68	0.50	0.67	0.62	0.42
CHARCOAL	3	3	94	3	0.74	0.70	0.51	0.69	0.63	0.43

* Test results not yet available.

TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.



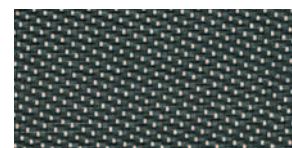
OYSTER



OYSTER/BEIGE



OYSTER/PEWTER



OYSTER/CHARCOAL



OYSTER/CHESTNUT

Specifications

MAX. FABRIC WIDTH: 98.4"

ROLL LENGTH: 30 yd

FABRIC WEIGHT: 14.0 oz/yd²

FABRIC THICKNESS: 0.028"

OPENNESS FACTOR: 3%

COMPOSITION: 64% PVC,
36% fiberglass

FIRE CLASSIFICATION: NFPA 701-04 TM#1, TM#2
California U.S. Title 19

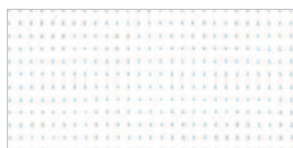
COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
					SINGLE		
	TS	RS	AS	TV	1/8CL	1/4CL	1/4HA
OYSTER	22	62	16	19	0.38	0.37	0.34
OYSTER/BEIGE	15	58	27	13	0.38	0.38	0.34
OYSTER/CHARCOAL	7	40	53	8	0.50	0.48	0.39
OYSTER/PEWTER	8	44	48	9	0.47	0.46	0.38
OYSTER/CHESTNUT	7	42	51	8	0.48	0.47	0.39

* Test results not yet available.

TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.



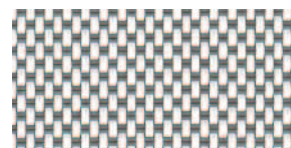
CHALK



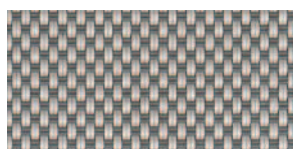
ALABASTER



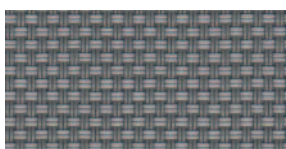
PEBBLESTONE



GRANITE



GRAYSTONE



PEWTER



ASH



TOBACCO



EBONY

Specifications

MAX. FABRIC WIDTH:	98"
ROLL LENGTH:	30 yd
FABRIC WEIGHT:	20.7 oz/yd ²
FABRIC THICKNESS:	0.037"
OPENNESS FACTOR:	3%
COMPOSITION:	75% PVC on polyester, 25% polyester
UV BLOCKAGE:	97%

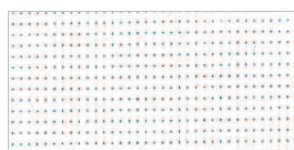
FIRE CLASSIFICATION:	NFPA 701 (small scale)
BREAKING STRENGTH:	warp 340 lbs fill 250 lbs
STIFFNESS:	warp 650 Mg fill 450 Mg
STRETCH:	warp 1.5%, fill 4.0%
YARN DIAMETER:	0.020"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
					SINGLE			INSULATING		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA	1/2 CL	1 CL	1 HA
CHALK	12	70	18	7	*	0.30	0.30	*	0.16	0.15
ALABASTER	10	62	28	6	*	0.35	0.32	*	0.19	0.17
PEBBLESTONE	9	51	40	6	*	0.42	0.36	*	0.38	0.28
GRANITE	6	48	46	5	*	0.43	0.37	*	0.25	0.20
GRAYSTONE	6	39	55	5	*	0.48	0.40	*	0.44	0.32
PEWTER	3	26	71	2	*	0.56	0.44	*	0.34	0.25
ASH	3	10	87	4	*	0.66	0.49	*	0.60	0.41
TOBACCO	3	5	92	3	*	0.69	0.50	*	0.62	0.42
EBONY	3	3	94	3	*	0.70	0.51	*	0.63	0.43

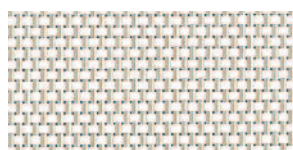
* Test results not yet available.

TS Solar Transmittance	1/8 CL 1/8" Clear Glass
RS Solar Reflectance	1/4 CL 1/4" Clear Glass
AS Solar Absorptance	1/4 HA 1/4" Heat Absorbing Glass
TV Visual Transmittance	

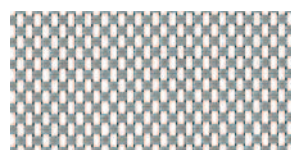
- The solar optical properties are used to calculate the shading coefficient.
- The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker colors provide maximum glare reduction and visibility.



CHALK



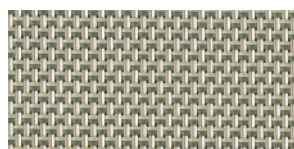
ECRU



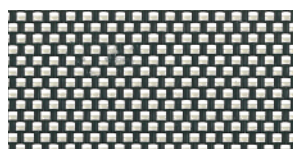
GRANITE



SANDSTONE



GOLDEN SAND



SABLE



EBONY

Specifications

MAX. FABRIC WIDTH:	98"
ROLL LENGTH:	30 yd
FABRIC WEIGHT:	17.4 oz/yd ²
FABRIC THICKNESS:	0.030"
OPENNESS FACTOR:	3%
COMPOSITION:	78% PVC on polyester, 22% polyester
UV BLOCKAGE:	97%

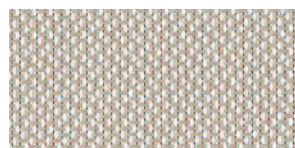
FIRE CLASSIFICATION:	NFPA 701 (small scale)
BREAKING STRENGTH:	warp 183 lbs fill 308 lbs
STIFFNESS:	warp 230 Mg fill 439 Mg
YARN DIAMETER:	0.020"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
					SINGLE			INSULATING		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA	1/2 CL	1 CL	1 HA
CHALK	10	74	16	9	0.26	0.27	0.28	*	0.26	0.22
ECRU	7	58	35	8	0.37	0.37	0.33	*	0.34	0.27
GRANITE	5	43	52	7	0.47	0.46	0.38	*	0.43	0.31
SANDSTONE	5	39	56	6	0.50	0.48	0.40	*	0.45	0.33
GOLDEN SAND	6	37	57	7	0.51	0.50	0.40	*	0.46	0.33
SABLE	5	29	66	6	0.57	0.54	0.43	*	0.50	0.36
EBONY	3	3	94	5	0.74	0.70	0.51	*	0.63	0.43

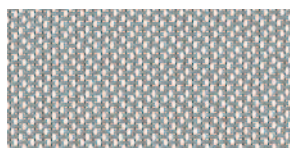
* Test results not yet available.

TS	Solar Transmittance	1/8 CL	1/8" Clear Glass
RS	Solar Reflectance	1/4 CL	1/4" Clear Glass
AS	Solar Absorptance	1/4 HA	1/4" Heat Absorbing Glass
TV	Visual Transmittance		

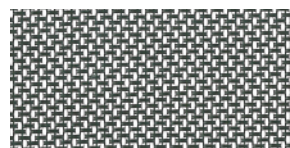
- The solar optical properties are used to calculate the shading coefficient.
- The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker colors provide maximum glare reduction and visibility.



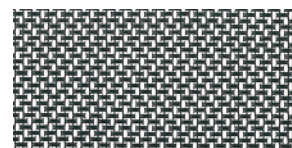
LINEN



GRANITE



CHESTNUT



COAL

Specifications

MAX. FABRIC WIDTH: 98"
ROLL LENGTH: 30 yd
FABRIC WEIGHT: 13.3 oz/yd²
FABRIC THICKNESS: 0.026"
OPENNESS FACTOR: 3%
COMPOSITION: 83% PVC on polyester, 17% polyester
UV BLOCKAGE: 97%

FIRE CLASSIFICATION: NFPA 701 (small scale)
BREAKING STRENGTH: warp 180 lbs.
 fill 135 lbs.
STIFFNESS: warp 215 Mg
 fill 175 Mg
YARN DIAMETER: 0.013"

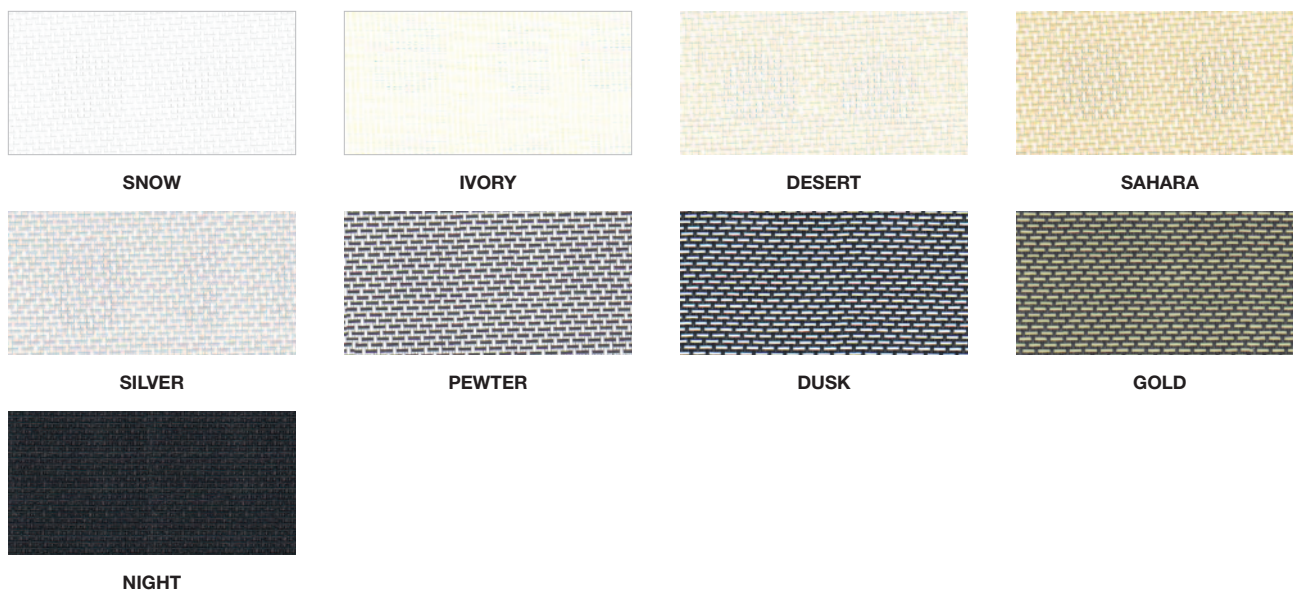
COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
					SINGLE			INSULATING		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA	1/2 CL	1 CL	1 HA
LINEN	7	58	35	8	0.37	0.37	0.33	*	0.35	0.27
GRANITE	6	55	39	8	0.39	0.38	0.34	*	0.36	0.28
CHESTNUT	7	48	45	8	0.44	0.43	0.37	*	0.40	0.30
COAL	5	47	48	7	0.44	0.43	0.37	*	0.40	0.30

* Test results not yet available.

TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.



Specifications

MAX. FABRIC WIDTH: 98"
 ROLL LENGTH: 55 yd
 FABRIC WEIGHT: 12.38 oz/yd²
 FABRIC THICKNESS: 0.022"
 OPENNESS FACTOR: 4%
 COMPOSITION: 66% PVC, 34% fiberglass

UV BLOCKAGE: 90%
 FIRE CLASSIFICATION: NFPA 701 (small scale)
 BREAKING STRENGTH: warp 190 lbs
 weft 110 lbs
 STRETCH: warp 3.6%, fill 3.4%
 YARN DIAMETER: 0.001"

	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
					SINGLE			INSULATING		
COLOR	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA	1/2 CL	1 CL	1 HA
SNOW	19	62	19	13	0.37	0.34	*	*	0.34	0.27
IVORY	20	59	21	13	0.39	0.39	0.35	*	0.36	0.28
DESERT	17	60	23	11	0.38	0.34	*	*	0.38	0.29
	17	55	28	11	0.41	0.36	*	*	0.38	0.29
SAHARA	19	56	25	12	0.41	0.41	0.36	*	0.38	0.29
	19	50	31	12	0.46	0.44	0.38	*	0.41	0.31
SILVER	13	56	31	9	0.39	0.35	*	*	0.37	0.28
	13	45	42	9	0.46	0.39	*	*	0.43	0.31
PEWTER	11	46	43	9	0.46	0.45	0.38	*	0.42	0.31
	11	26	63	9	0.60	0.58	0.45	*	0.52	0.37
DUSK	5	8	87	5	*	*	*	*	*	*
	5	24	71	5	*	*	*	*	*	*
GOLD	4	7	89	5	*	*	*	*	*	*
	4	20	76	5	*	*	*	*	*	*
NIGHT	4	4	92	4	*	*	*	*	*	*
	4	4	92	4	*	*	*	*	*	*

* Test results not yet available.

TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.

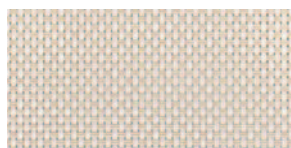
E Screen 7505

5% openness

Fabric is also available in: 1% openness (see E Screen 7501, page 4-11)
3% openness (see E Screen 7503, page 4-17)
10% openness (see E Screen 7510, page 4-40)



WHITE/WHITE



WHITE/LINEN



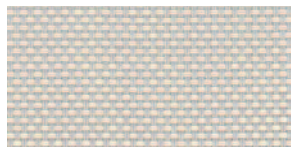
LINEN/STONE



LINEN/LINEN



WHITE/PEARL



PEARL/LINEN



PEARL/PEARL



CHARCOAL/GRAY



CHARCOAL/BRONZE



CHARCOAL/CHARCOAL

Specifications

MAX. FABRIC WIDTH: 96"
ROLL LENGTH: 30 yd
FABRIC WEIGHT: 12.01 oz/yd²
FABRIC THICKNESS: 0.020"
OPENNESS FACTOR: 5%
COMPOSITION: 64% vinyl, 36% fiberglass

UV BLOCKAGE: 93-94%
FIRE CLASSIFICATION: NFPA 701 (small scale) TM#1
California Title 19, M1
BREAKING STRENGTH: warp > 290 lbs
weft > 280 lbs
YARN DIAMETER: 0.012"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT	
					SINGLE	
	TS	RS	AS	TV	1/4 CL	1/4 HA
WHITE/WHITE	27	59	14	20	0.41	0.36
WHITE/LINEN	25	54	21	18	0.43	0.37
LINEN/STONE	23	51	24	20	0.45	0.38
LINEN/LINEN	17	53	30	13	0.42	0.36
WHITE/PEARL	21	46	33	17	0.47	0.39
PEARL/LINEN	17	42	41	13	0.49	0.40
PEARL/PEARL	18	33	49	14	0.55	0.43
CHARCOAL/GRAY	8	10	82	8	0.68	0.50
CHARCOAL/BRONZE	8	6	86	9	0.69	0.51
CHARCOAL/CHARCOAL	7	4	89	8	0.70	0.51

* Test results not yet available.

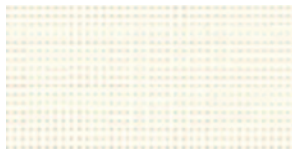
TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.

GlacierScreen HD1005 | 5% openness

Fabric is also available in:
3% openness (see GlacierScreen HD1003, page 4-18)
10% openness (see GlacierScreen HD1010, page 4-41)



WHITE/WHITE



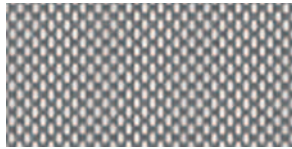
WHITE/LINEN



WHITE/SAND



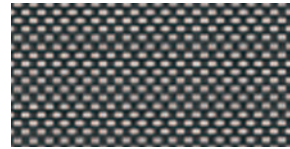
WHITE/PEARL



WHITE/GRAY



WHITE/BLACK



BLACK/PEARL



BLACK/BRONZE



BLACK/BLACK

Specifications

MAX. FABRIC WIDTH: 118"
ROLL LENGTH: 33 yd.
FABRIC WEIGHT: 14.6 oz/yd²
FABRIC THICKNESS: 0.0268"

OPENNESS FACTOR: 5%
COMPOSITION: 78% vinyl, 22% polyester
FIRE CLASSIFICATION: NFPA 701-99 (small scale), Silver nano sterilization verified for anti-microbial performance

	SOLAR OPTICAL PROPERTIES						SHADING COEFFICIENT WITH INSULATING		
COLOR	Ts	Rs	As	Tuv	Tv	O-F	1/8CL	1/4CL	1/4HA
WHITE/WHITE	23	63	14	5	18	6	0.37	0.37	0.34
WHITE/LINEN	21	60	19	5	16	5	0.39	0.39	0.35
WHITE/SAND	15	48	37	5	12	6	0.46	0.45	0.38
WHITE/PEARL	17	52	31	5	13	5	0.44	0.43	0.37
WHITE/GRAY	10	36	54	5	10	6	0.53	0.51	0.41
WHITE/BLACK	8	27	65	5	9	5	0.59	0.56	0.44
BLACK/PEARL	7	18	75	5	8	6	0.65	0.62	0.47
BLACK/BRONZE	6	6	88	5	7	5	0.73	0.69	0.50
BLACK/BLACK	6	4	90	5	7	5	0.74	0.70	0.51

TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
Tuv Ultra-violet Transmittance
TV Visual Transmittance
O-F Openness Factor

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.



WHITE/WHITE



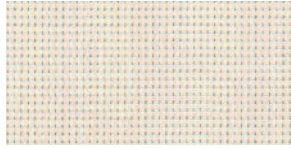
WHITE/LOTUS



WHITE/STONE



WHITE/LINEN



LINEN/LINEN



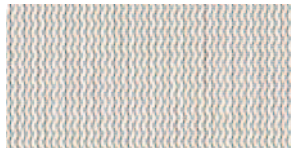
WHITE/SABLE



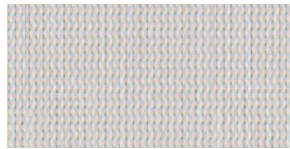
LINEN/STONE



PEARL/APRICOT



WHITE/PEARL



PEARL/LOTUS



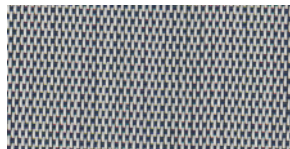
PEARL/LINEN



PEARL/SABLE



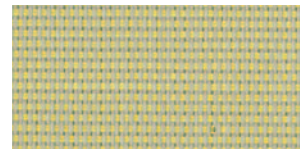
PEARL/PEARL



LINEN/ULTRAMARINE



WHITE/CANARY



PEARL/CANARY



CHARCOAL/APRICOT



CHARCOAL/SABLE



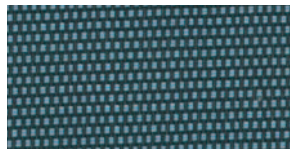
GRAY/LOTUS



CHARCOAL/LOTUS



GRAY/HUNTER



CHARCOAL/SKY



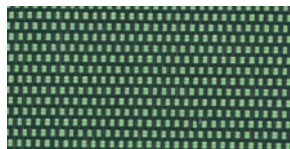
GRAY/ULTRAMARINE



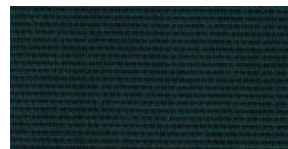
CHARCOAL/GRAY



CHARCOAL/MANDARIN



CHARCOAL/PARROT



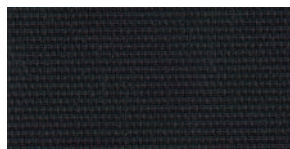
CHARCOAL/HUNTER



CHARCOAL/ULTRAMARINE



CHARCOAL/BRONZE



CHARCOAL/CHARCOAL

See next page for M Screen 8505 fabric specifications.

M Screen 8505 | Specifications

MAX. FABRIC WIDTH: 98.4"
 ROLL LENGTH: 30 yd
 FABRIC WEIGHT: 11.9 oz/yd²
 FABRIC THICKNESS: 0.022"
 OPENNESS FACTOR: 5%
 COMPOSITION: 64% vinyl, 36% fiberglass

UV BLOCKAGE: 95%
 FIRE CLASSIFICATION: NFPA 701 (small scale),
 California Title 19
 BREAKING STRENGTH: warp 239 lbs
 fill 233 lbs
 YARN DIAMETER: 0.012"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
					SINGLE		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA
WHITE/WHITE	20	63	17	15	0.36	0.36	0.33
WHITE/LOTUS	21	56	23	15	0.42	0.41	0.36
WHITE/STONE	22	56	22	15	0.42	0.41	0.36
WHITE/LINEN	21	56	23	15	0.42	0.41	0.36
LINEN/LINEN	18	51	31	12	0.45	0.44	0.37
WHITE/SABLE	20	48	32	12	0.47	0.46	0.39
LINEN/STONE	23	48	29	15	0.48	0.47	0.39
PEARL/APRICOT	22	38	40	13	0.55	0.53	0.42
WHITE/PEARL	16	49	35	12	0.45	0.44	0.38
PEARL/LOTUS	18	40	42	13	0.52	0.51	0.41
PEARL/LINEN	19	40	41	13	0.53	0.51	0.41
PEARL/SABLE	18	33	49	11	0.57	0.55	0.43
PEARL/PEARL	15	35	50	11	0.55	0.53	0.42
LINEN/ULTRAMARINE	12	27	61	9	0.60	0.57	0.44
WHITE/CANARY	*	*	*	*	*	*	*
PEARL/CANARY	*	*	*	*	*	*	*
CHARCOAL/APRICOT	7	13	80	7	0.68	0.65	0.48
CHARCOAL/SABLE	7	12	81	7	0.69	0.65	0.49
GRAY/LOTUS	12	27	61	9	0.6	0.57	0.44
CHARCOAL/LOTUS	8	16	76	8	0.66	0.63	0.47
GRAY/HUNTER	8	16	76	7	0.66	0.63	0.47
CHARCOAL/SKY	*	*	*	*	*	*	*
GRAY/ULTRAMARINE	8	15	77	7	0.67	0.64	0.48
CHARCOAL/GRAY	6	10	84	7	0.70	0.66	0.49
CHARCOAL/MANDARIN	7	13	80	5	0.68	0.65	0.48
CHARCOAL/PARROT	*	*	*	*	*	*	*
CHARCOAL/HUNTER	6	7	87	7	0.72	0.68	0.50
CHARCOAL/ULTRAMARINE	6	7	87	7	0.72	0.68	0.50
CHARCOAL/BRONZE	6	7	87	7	0.72	0.68	0.50
CHARCOAL/CHARCOAL	6	5	89	7	0.73	0.69	0.51

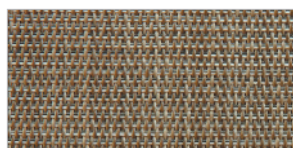
* Test results not yet available.

TS Solar Transmittance **1/8 CL** 1/8" Clear Glass
RS Solar Reflectance **1/4 CL** 1/4" Clear Glass
AS Solar Absorptance **1/4 HA** 1/4" Heat Absorbing Glass
TV Visual Transmittance

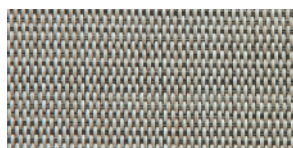
- The solar optical properties are used to calculate the shading coefficient.
- The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker colors provide maximum glare reduction and visibility.

See previous page for M Screen 8505 fabric colors.

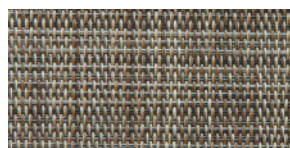
M Screen Deco | 5% openness



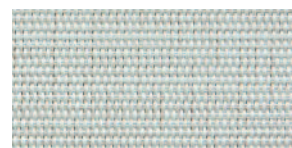
FLAGSTONE



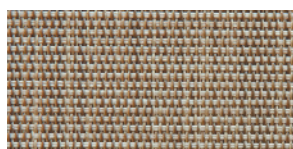
RIVER ROCK



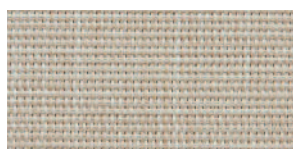
HAZELNUT



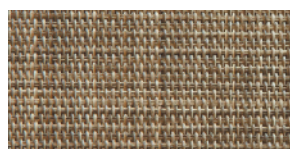
PARCHMENT



TUMBLEWEED



NATURELLE



HARVEST

Specifications

MAX. FABRIC WIDTH: 98.4"
ROLL LENGTH: 30 yd
FABRIC WEIGHT: 11.3 oz/yd²
FABRIC THICKNESS: 0.020"
OPENNESS FACTOR: 5%

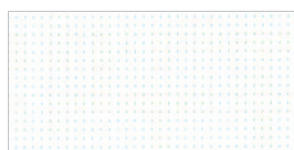
COMPOSITION: 64% vinyl, 36% fiberglass
UV BLOCKAGE: 95-96%
FIRE CLASSIFICATION: NFPA 701-99 TM#1,
California U.S. Title 19, ASTM E-84
BREAKING STRENGTH: warp > 280 lbs
weft > 250 lbs

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT	
					SINGLE	
	TS	RS	AS	TV	1/4 CL	1/4 HA
FLAGSTONE	6	18	76	8	0.61	0.47
RIVER ROCK	7	31	62	7	0.54	0.42
HAZELNUT	6	15	79	7	0.63	0.48
PARCHMENT	12	51	37	10	0.42	0.36
TUMBLEWEED	7	29	64	7	0.55	0.43
NATURELLE	12	50	38	10	0.43	0.37
HARVEST	5	16	79	7	0.62	0.47

TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.



WHITE



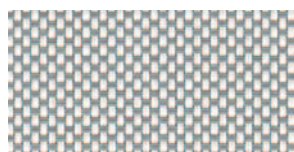
WHITE/BONE



BONE



BONE/PLATINUM



WHITE/PLATINUM



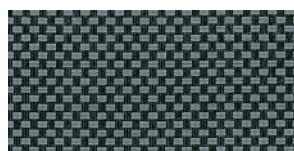
PLATINUM



BRONZE



CHARCOAL



CHARCOAL/GRAY



CHARCOAL/CHESTNUT

Specifications

MAX. FABRIC WIDTH: 96"
 ROLL LENGTH: 30 yd
 FABRIC WEIGHT: 14.26 oz/yd²
 FABRIC THICKNESS: 0.019"
 OPENNESS FACTOR: 5%
 COMPOSITION: 63% PVC on fiberglass,
 37% fiberglass
 UV BLOCKAGE: 95%

FIRE CLASSIFICATION: California Title 19 (small scale), NFPA 701-99
 TM#1 (small scale), NFPA 101 (Class A Rating),
 UBC (Class I), ASTM-G21 and ASTM-G22
 (bacterial and fungal resistance)
 BREAKING STRENGTH: warp 224 lbs
 fill 200 lbs
 STIFFNESS: warp 137 lbs
 fill 171 lbs
 YARN DIAMETER: warp 0.013"
 fill 0.013"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
	TS	RS	AS	TV	SINGLE		
					1/8CL	1/4CL	1/4HA
WHITE	20	67	13	16	0.33	0.34	0.32
WHITE/BONE	18	61	21	13	0.37	0.37	0.34
BONE	18	55	27	12	0.42	0.41	0.36
BONE/PLATINUM	12	43	45	10	0.49	0.47	0.39
WHITE/PLATINUM	13	49	38	11	0.45	0.44	0.37
PLATINUM	10	35	55	9	0.54	0.52	0.42
BRONZE	5	7	88	6	0.72	0.68	0.50
CHARCOAL	6	4	90	6	0.74	0.70	0.51
CHARCOAL GRAY	7	9	84	7	0.71	0.67	0.50
CHARCOAL CHESTNUT	6	7	87	6	0.72	0.68	0.50

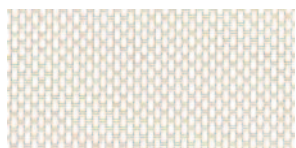
TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.



OYSTER



OYSTER / BEIGE



OYSTER / PEARL GRAY



BEIGE



BEIGE / PEARL GRAY



PEARL GRAY



CHARCOAL / GRAY



CHARCOAL / CHESTNUT



CHARCOAL

Specifications

MAX. FABRIC WIDTH: 98"
ROLL LENGTH: 30 yd
FABRIC WEIGHT: 11.9 oz/yd²
FABRIC THICKNESS: 0.017"
OPENNESS FACTOR: 5%
COMPOSITION: 65% PVC on fiberglass
35% fiberglass
UV BLOCKAGE: 95%

FIRE CLASSIFICATION: California Title 19 (small scale), NFPA 701-99
TM#1 (small scale), NFPA 101 (Class A Rating),
UBC (Class I), ASTM-G21 and ASTM-G22
(bacterial and fungal resistance)
BREAKING STRENGTH: warp 250 lbs
fill 235 lbs
STIFFNESS: warp 190 Mg
fill 220 Mg
YARN DIAMETER: warp 0.011"
fill 0.011"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
					SINGLE			INSULATING		
	TS	RS	AS	TV	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
OYSTER	21	61	18	14	0.38	0.38	0.34	0.36	0.35	0.27
OYSTER/BEIGE	17	54	29	12	0.42	0.41	0.36	0.39	0.38	0.29
OYSTER/PEARL GRAY	14	45	41	10	0.48	0.46	0.39	0.45	0.43	0.32
BEIGE	14	47	39	10	0.46	0.45	0.38	0.43	0.42	0.31
BEIGE/PEARL GRAY	11	38	51	9	0.52	0.50	0.41	0.49	0.46	0.33
PEARL GRAY	10	31	59	9	0.57	0.54	0.43	0.53	0.50	0.35
CHARCOAL/GRAY	5	9	86	6	0.70	0.67	0.49	0.66	0.60	0.41
CHARCOAL/CHESTNUT	6	6	88	6	0.73	0.69	0.50	0.68	0.62	0.42
CHARCOAL	4	4	92	5	0.73	0.69	0.51	0.69	0.63	0.43

TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.



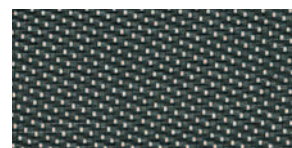
OYSTER



OYSTER/BEIGE



OYSTER/PEWTER



OYSTER/CHARCOAL



OYSTER/CHESTNUT

Specifications

MAX. FABRIC WIDTH: 63", 98.4"
ROLL LENGTH: 30 yd
FABRIC WEIGHT: 11.8 oz/yd²
FABRIC THICKNESS: 0.025"
OPENNESS FACTOR: 5%

COMPOSITION: 64% PVC,
36% fiberglass
FIRE CLASSIFICATION: NFPA 701-04 TM#1, TM#2
California U.S. Title 19

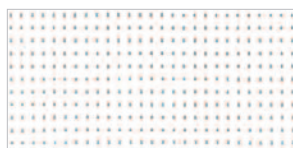
COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
					SINGLE		
	TS	RS	AS	TV	1/8CL	1/4CL	1/4HA
OYSTER	22	62	16	20	0.38	0.37	0.34
OYSTER/BEIGE	23	54	23	21	0.44	0.43	0.37
OYSTER/CHARCOAL	12	40	48	14	0.51	0.49	0.40
OYSTER/PEWTER	11	46	43	12	0.46	0.45	0.38
OYSTER/CHESTNUT	12	43	45	13	0.49	0.47	0.39

* Test results not yet available.

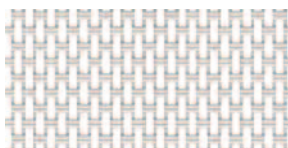
TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.



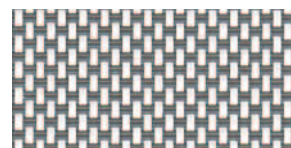
CHALK



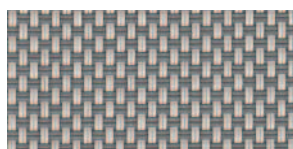
ALABASTER



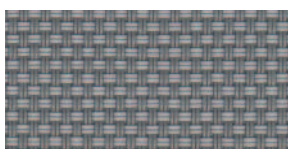
PEBBLESTONE



GRANITE



GRAYSTONE



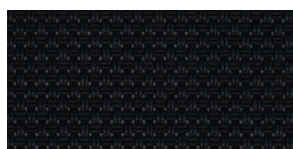
PEWTER



ASH



TOBACCO



EBONY

Specifications

MAX. FABRIC WIDTH: 98"
ROLL LENGTH: 30 yd
FABRIC WEIGHT: 19.2 oz/yd²
FABRIC THICKNESS: 0.036"
OPENNESS FACTOR: 5%
COMPOSITION: 75% PVC on polyester
25% polyester
UV BLOCKAGE: 95%

FIRE CLASSIFICATION: NFPA 701 (small scale), ASTM-G21 and ASTM-G22 (bacterial and fungal resistance)
BREAKING STRENGTH: warp 315 lbs
fill 260 lbs
STIFFNESS: warp 600 Mg
fill 400 Mg
STRETCH: warp 1.0%
fill 7.0%
YARN DIAMETER: warp 0.020"
fill 0.020"

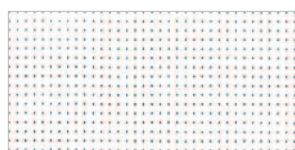
COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
					SINGLE			INSULATING		
	TS	RS	AS	TV	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
CHALK	16	68	16	12	*	0.32	0.31	*	0.31	0.25
ALABASTER	15	57	28	13	*	0.39	0.35	*	0.36	0.28
PEBBLESTONE	14	49	37	12	*	0.44	0.37	*	0.41	0.30
GRANITE	11	41	48	10	*	0.48	0.40	*	0.29	0.23
GRAYSTONE	10	34	56	9	*	0.52	0.42	*	0.32	0.24
PEWTER	8	27	65	9	*	0.56	0.44	*	0.51	0.36
ASH	7	11	82	8	*	0.66	0.49	*	0.41	0.30
TOBACCO	7	5	88	8	*	0.70	0.51	*	0.44	0.31
EBONY	10	4	86	11	*	0.69	0.51	*	0.63	0.43

* Test results not yet available.

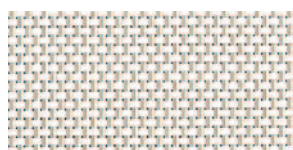
TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

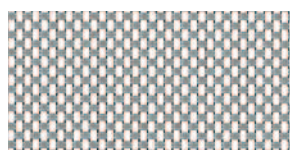
- The solar optical properties are used to calculate the shading coefficient.
- The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker colors provide maximum glare reduction and visibility.



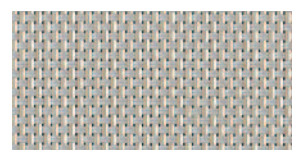
CHALK



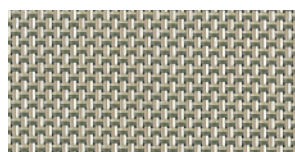
ECRU



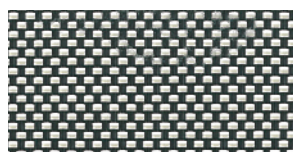
GRANITE



SANDSTONE



GOLDEN SAND



SABLE



EBONY

Specifications

MAX. FABRIC WIDTH: 98"
ROLL LENGTH 30 yd
FABRIC WEIGHT: 14.4 oz/yd²
FABRIC THICKNESS: 0.024"
OPENNESS FACTOR: 5%
COMPOSITION: 83% PVC on polyester, 17% polyester
UV BLOCKAGE: 95%

FIRE CLASSIFICATION: NFPA 701 (small scale)
BREAKING STRENGTH: warp 181 lbs
 fill 168 lbs
STIFFNESS: warp 240 Mg
 fill 190 Mg
YARN DIAMETER: warp 0.013"
 fill 0.013"

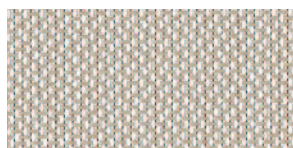
COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
					SINGLE			INSULATING		
	TS	RS	AS	TV	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
CHALK	12	74	14	11	0.26	0.27	0.29	*	0.27	0.22
ECRU	9	56	35	9	0.39	0.38	0.34	*	0.38	0.28
GRANITE	6	47	47	8	0.44	0.43	0.37	*	0.41	0.30
SANDSTONE	8	40	52	9	0.50	0.48	0.40	*	0.45	0.33
GOLDEN SAND	7	37	56	8	0.52	0.50	0.40	*	0.46	0.33
SABLE	6	28	66	8	0.58	0.55	0.43	*	0.51	0.36
EBONY	5	3	92	7	0.74	0.70	0.51	*	0.63	0.43

* Test results not yet available.

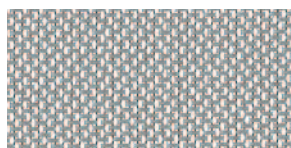
TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

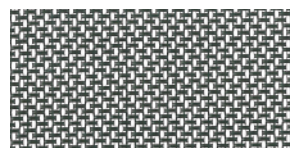
- The solar optical properties are used to calculate the shading coefficient.
- The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker colors provide maximum glare reduction and visibility.



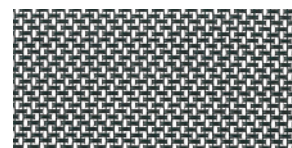
LINEN



GRANITE



CHESTNUT



COAL

Specifications

MAX. FABRIC WIDTH: 98"
 ROLL LENGTH: 30 yd
 FABRIC WEIGHT: 12.5 oz/yd²
 FABRIC THICKNESS: 0.025"
 OPENNESS FACTOR: 5%
 COMPOSITION: 83% PVC on polyester, 17% polyester
 UV BLOCKAGE: 95%

FIRE CLASSIFICATION: NFPA 701 (small scale)
 BREAKING STRENGTH: warp 182 lbs
 fill 129 lbs
 STIFFNESS: warp 216 Mg
 fill 159 Mg
 YARN DIAMETER: warp 0.013"
 fill 0.013"

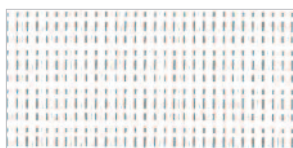
COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
					SINGLE			INSULATING		
	TS	RS	AS	TV	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
LINEN	9	59	32	10	0.36	0.36	0.33	*	0.34	0.27
GRANITE	7	56	37	8	0.38	0.38	0.34	*	0.36	0.28
CHESTNUT	9	48	43	11	0.44	0.43	0.37	*	0.40	0.30
COAL	8	48	44	9	0.44	0.43	0.37	*	0.40	0.30

* Test results not yet available.

TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.



BAMBOO WHITEWASH



BAMBOO BIRCH



MARBLE SAND

Specifications

MAX. FABRIC WIDTH:	74"	FIRE CLASSIFICATION:	California Title 19 (Small Scale), NFPA 701-99 TM#1 (Small and Large Scale), British Standard 5867, NFPA (Class A Rating, and UBC (Class 1)
ROLL LENGTH:	30 yd	BREAKING STRENGTH:	<i>See Chart Below</i>
MESH:	<i>See Chart Below</i>	STIFFNESS:	<i>See Chart Below</i>
FABRIC WEIGHT:	<i>See Chart Below</i>	STRETCH:	warp 1.0% fill 8.0%
FABRIC THICKNESS:	0.038"	YARN DIAMETER:	warp 0.018" fill 0.018"
OPENNESS FACTOR:	<i>See Chart Below</i>		
COMPOSITION:	72% PVC on polyester, 28% polyester		
UV BLOCKAGE:	<i>See Chart Below</i>		

COLOR	MESH (ENDS/IN.)	MESH WEIGHT	OPENNESS FACTOR	UV BLOCKAGE	BREAKING STRENGTH (LBS./IN.)	STIFFNESS (MG.)
BAMBOO WHITEWASH	42 warp 20 fill	14.5 (oz./yd ²)	approx 10%	approx 90%	330 warp 180 fill	700 warp 500 fill
BAMBOO BIRCH	42 warp 20 fill	14.5 (oz./yd ²)	approx 10%	approx 90%	330 warp 180 fill	700 warp 500 fill
MARBLE SAND	42 warp 20 fill	14.5 (oz./yd ²)	approx 5%	approx 95%	330 warp 180 fill	700 warp 500 fill

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
					SINGLE			INSULATING		
	TS	RS	AS	TV	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
BAMBOO WHITEWASH	20	65	15	17	0.35	0.35	0.33	0.33	0.33	0.26
BAMBOO BIRCH	21	59	20	18	0.40	0.39	0.35	0.37	0.36	0.28
MARBLE SAND	9	48	43	9	0.44	0.43	0.37	0.42	0.40	0.30

TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

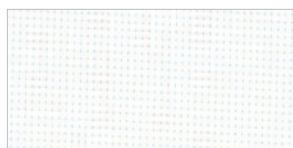
1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.

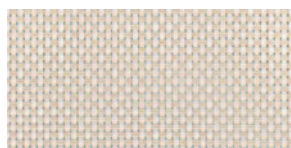
E Screen 7510

10% openness

Fabric is also available in: 1% openness (see E Screen 7501, page 4-11)
3% openness (see E Screen 7503, page 4-17)
5% openness (see E Screen 7505, page 4-28)



WHITE / WHITE



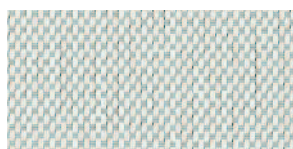
WHITE / LINEN



LINEN / STONE



LINEN / LINEN



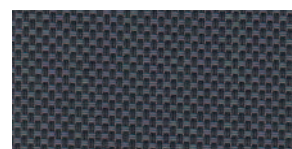
WHITE / PEARL



PEARL / LINEN



PEARL / PEARL



CHARCOAL / GRAY



CHARCOAL / BRONZE



CHARCOAL / CHARCOAL

Specifications

MAX. FABRIC WIDTH: 98.4"
ROLL LENGTH: 30 yd
FABRIC WEIGHT: 10.3 oz/yd²
FABRIC THICKNESS: 0.022"
OPENNESS FACTOR: 10%
COMPOSITION: 64% vinyl, 36% fiberglass

UV BLOCKAGE: 90-91%
FIRE CLASSIFICATION: NFPA 701-99 TM#1
California U.S. Title 19, M1 NFP 92 503
BREAKING STRENGTH: warp 290 lbs
weft 280 lbs
YARN DIAMETER: warp 56 ends/in
weft 38 ends/in

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT	
					SINGLE	
	TS	RS	AS	TV	1/4 CL	1/4 HA
WHITE/WHITE	30	57	13	23	0.43	0.37
WHITE/LINEN	28	53	19	22	0.45	0.38
LINEN/STONE	31	43	26	23	0.52	0.42
LINEN/LINEN	24	48	28	19	0.47	0.39
WHITE/PEARL	24	47	29	20	0.48	0.39
PEARL/LINEN	24	39	37	19	0.53	0.42
PEARL/PEARL	26	32	42	20	0.57	0.45
CHARCOAL/GRAY	10	8	82	12	0.68	0.50
CHARCOAL/BRONZE	13	5	82	14	0.71	0.52
CHARCOAL/CHARCOAL	11	4	85	12	0.71	0.52

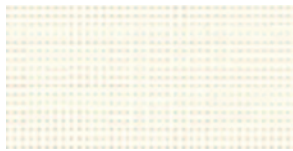
* Test results not yet available.

TS Solar Transmittance **1/8 CL** 1/8" Clear Glass
RS Solar Reflectance **1/4 CL** 1/4" Clear Glass
AS Solar Absorptance **1/4 HA** 1/4" Heat Absorbing Glass
TV Visual Transmittance

- 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.

GlacierScreen HD1010 | 10% openness

Fabric is also available in:
3% openness (see GlacierScreen HD1003, page 4-18)
5% openness (see GlacierScreen HD1005, page 4-29)



WHITE/WHITE



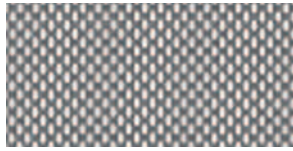
WHITE/LINEN



WHITE/SAND



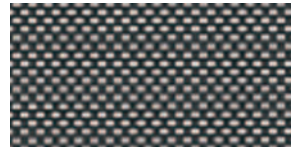
WHITE/PEARL



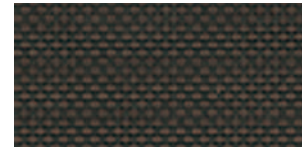
WHITE/GRAY



WHITE/BLACK



BLACK/PEARL



BLACK/BRONZE



BLACK/BLACK

Specifications

MAX. FABRIC WIDTH: 118"
ROLL LENGTH: 32.8 yd.
FABRIC WEIGHT: 16.3 oz/yd²
FABRIC THICKNESS: 0.026"

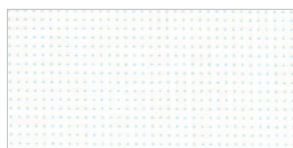
OPENNESS FACTOR: 10%
COMPOSITION: 78% vinyl, 22% polyester
FIRE CLASSIFICATION: NFPA 701-2004 TM#1

	SOLAR OPTICAL PROPERTIES					SHADING COEFFICIENT WITH INSULATING		
COLOR	Ts	Rs	As	Tuv	Tv	1/8CL	1/4CL	1/4HA
WHITE/WHITE	21	67	12	4	18	0.34	0.34	0.32
WHITE/SAND	22	45	33	12	22	0.50	0.48	0.40
WHITE/LINEN	28	57	15	12	27	0.43	0.42	0.37
WHITE/PEARL	25	50	25	12	24	0.47	0.46	0.39
WHITE/GRAY	16	35	49	11	18	0.55	0.53	0.42
WHITE/BLACK	15	25	60	11	18	0.62	0.59	0.45
BLACK/PEARL	14	18	68	12	19	0.69	0.66	0.49
BLACK/BLACK	12	4	84	12	18	0.75	0.71	0.52
BLACK/BRONZE	13	7	80	12	18	0.74	0.70	0.51

TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
Tuv Ultra-violet Transmittance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.



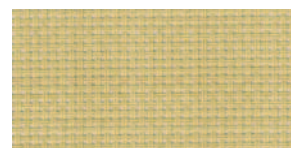
RIVERBOAT WHITE



MAGNOLIA



CHICORY



DIJON



VANILLA BELLE



WROUGHT IRON

Specifications

MAX. FABRIC WIDTH: 98"
 ROLL LENGTH: 55 yd
 FABRIC WEIGHT: 11.79 oz/yd²
 FABRIC THICKNESS: 0.022"
 OPENNESS FACTOR: 10%
 COMPOSITION: 66% PVC, 34% fiberglass

UV BLOCKAGE: 90%
 FIRE CLASSIFICATION: NFPA 701 (small scale)
 BREAKING STRENGTH: warp 150 lbs
 weft 140 lbs
 YARN DIAMETER: 0.0114"

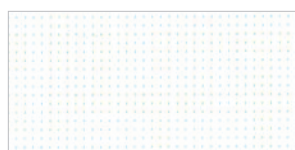
COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
					SINGLE			INSULATING		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA	1/2 CL	1 CL	1 HA
RIVERBOAT WHITE	26	58	16	21	*	0.41	0.36	0.38	*	0.29
MAGNOLIA	21	58	21	17	*	0.40	0.35	0.37	*	0.28
CHICORY	20	48	32	16	*	0.46	0.39	0.42	*	0.31
DIJON	17	40	43	15	*	0.50	0.41	0.46	*	0.33
VANILLA BELLE	17	40	43	15	*	0.50	0.41	0.46	*	0.33
WROUGHT IRON	11	4	85	13	*	0.71	0.52	0.64	*	0.43

* Test results not yet available.

TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.



WHITE



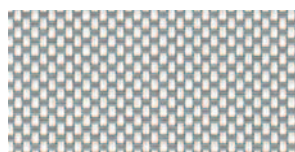
WHITE/BONE



BONE



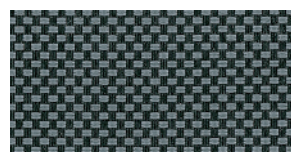
BONE/PLATINUM



WHITE/PLATINUM



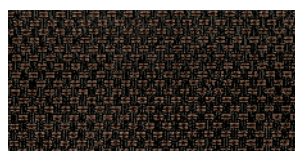
PLATINUM



CHARCOAL/GRAY



BRONZE



CHARCOAL/CHESTNUT



CHARCOAL

Specifications

MAX. FABRIC WIDTH: 96"
 ROLL LENGTH: 30 yd
 FABRIC WEIGHT: 12.4 oz/yd²
 FABRIC THICKNESS: 0.020"
 OPENNESS FACTOR: 10%
 COMPOSITION: 63% PVC on fiberglass,
 37% fiberglass
 UV BLOCKAGE: 90%

FIRE CLASSIFICATION: California Title 19 (small scale), NFPA 701-99
 TM#1 (small scale), NFPA 101 (Class A Rating),
 UBC (Class I), ASTM-G21 and ASTM-G22
 (bacterial and fungal resistance)
 BREAKING STRENGTH: warp 260 lbs
 fill 200 lbs
 STIFFNESS: warp 200 Mg
 fill 240 Mg
 YARN DIAMETER: warp 0.013"
 fill 0.013"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
					SINGLE		
	TS	RS	AS	TV	1/8CL	1/4CL	1/4HA
WHITE	22	60	18	16	0.39	0.39	0.35
WHITE/BONE	19	54	27	14	0.43	0.42	0.36
BONE	19	44	37	15	0.50	0.48	0.40
BONE/PLATINUM	16	38	46	14	0.53	0.51	0.41
WHITE/PLATINUM	16	47	37	12	0.47	0.46	0.38
PLATINUM	10	31	59	9	0.59	0.54	0.43
CHARCOAL/GRAY	11	8	81	12	0.72	0.69	0.50
BRONZE	8	5	87	9	0.74	0.70	0.51
CHARCOAL/CHESTNUT	11	6	83	12	0.74	0.70	0.51
CHARCOAL	9	4	87	10	0.75	0.71	0.51

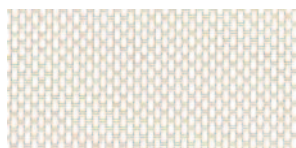
TS Solar Transmittance
RS Solar Reflectance
AS Solar Absorptance
TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

- 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.



OYSTER



OYSTER / BEIGE



OYSTER / PEARL GRAY



BEIGE



BEIGE / PEARL GRAY



PEARL GRAY



CHARCOAL / GRAY



CHARCOAL / CHESTNUT



CHARCOAL

Specifications

MAX. FABRIC WIDTH: 98"
ROLL LENGTH: 30 yd
FABRIC WEIGHT: 10.5 oz/yd²
FABRIC THICKNESS: 0.017"
OPENNESS FACTOR: 10%
COMPOSITION: 63% PVC on fiberglass,
37% fiberglass
UV BLOCKAGE: 90%

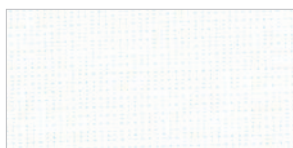
FIRE CLASSIFICATION: California Title 19 (small scale), NFPA 701-99
TM#1 (small scale), NFPA 101 (Class A Rating),
UBC (Class I), ASTM-G21 and ASTM-G22
(bacterial and fungal resistance)
BREAKING STRENGTH: warp 255 lbs
fill 180 lb.
STIFFNESS: warp 225 Mg
fill 200 Mg
YARN DIAMETER: warp 0.011"
fill 0.011"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
					SINGLE			INSULATING		
	TS	RS	AS	TV	1/8CL	1/4CL	1/4HA	1/2 CL	1CL	1HA
OYSTER	27	57	16	21	0.43	0.42	0.36	0.39	0.38	0.29
OYSTER/BEIGE	24	51	25	19	0.46	0.45	0.38	0.43	0.41	0.31
OYSTER/PEARL GRAY	20	45	35	16	0.49	0.48	0.40	0.46	0.44	0.32
BEIGE	19	44	37	16	0.50	0.48	0.40	0.46	0.44	0.32
BEIGE/PEARL GRAY	17	39	44	15	0.53	0.51	0.41	0.49	0.46	0.34
PEARL GRAY	16	30	54	14	0.59	0.56	0.44	0.55	0.51	0.36
CHARCOAL/GRAY	12	8	80	14	0.73	0.69	0.51	0.68	0.62	0.42
CHARCOAL/CHESTNUT	11	5	84	12	0.74	0.70	0.51	0.69	0.63	0.43
CHARCOAL	10	4	86	11	0.75	0.71	0.52	0.70	0.64	0.43

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1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

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OYSTER



OYSTER/BEIGE



OYSTER/PEWTER



OYSTER/CHARCOAL



OYSTER/CHESTNUT

Specifications

MAX. FABRIC WIDTH: 63", 98.4"
ROLL LENGTH: 30 yd
FABRIC WEIGHT: 10.4 oz/yd²
FABRIC THICKNESS: 0.025"
OPENNESS FACTOR: 10%

COMPOSITION: 64% PVC,
36% fiberglass
FIRE CLASSIFICATION: NFPA 701-04 TM#1, TM#2
California U.S. Title 19

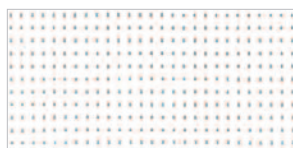
COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
					SINGLE		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA
OYSTER	34	54	12	32	0.46	0.45	0.38
OYSTER/BEIGE	29	51	20	28	0.47	0.46	0.39
OYSTER/CHARCOAL	21	37	42	24	0.55	0.53	0.42
OYSTER/PEWTER	24	43	33	25	0.52	0.50	0.41
OYSTER/CHESTNUT	25	41	34	26	0.53	0.52	0.42

* Test results not yet available.

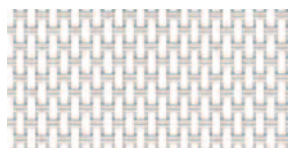
TS Solar Transmittance
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1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
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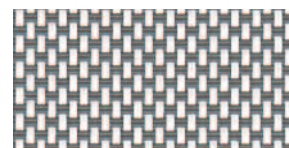
CHALK



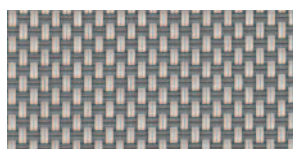
ALABASTER



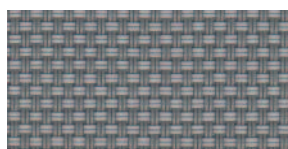
PEBBLESTONE



GRANITE



GRAYSTONE



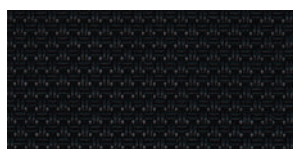
PEWTER



ASH



TOBACCO



EBONY

Specifications

MAX. FABRIC WIDTH: 98"
ROLL LENGTH: 30 yd
FABRIC WEIGHT: 17.5 oz/yd²
FABRIC THICKNESS: 0.035"
OPENNESS FACTOR: 10%
COMPOSITION: 75% PVC on polyester,
25% polyester
UV BLOCKAGE: 90%

FIRE CLASSIFICATION: NFPA 701 (small scale)
BREAKING STRENGTH: warp 315 lbs
fill 230 lbs
STIFFNESS: warp 600 Mg
fill 350 Mg
STRETCH: warp 1.0%
fill 8.0%
YARN DIAMETER: 0.020"

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT WITH					
					SINGLE			INSULATING		
	TS	RS	AS	TV	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
CHALK	18	66	16	15	*	0.34	0.32	*	0.32	0.25
ALABASTER	19	56	25	16	*	0.41	0.36	*	0.38	0.29
PEBBLESTONE	16	48	36	15	*	0.45	0.38	*	0.41	0.31
GRANITE	15	42	43	14	*	0.49	0.40	*	0.29	0.23
GRAYSTONE	14	35	51	14	*	0.53	0.42	*	0.48	0.34
PEWTER	12	26	62	14	*	0.58	0.45	*	0.53	0.37
ASH	10	10	80	11	*	0.67	0.50	*	0.42	0.31
TOBACCO	10	5	85	11	*	0.70	0.51	*	0.45	0.32
EBONY	10	4	86	11	*	0.71	0.52	*	0.64	0.43

* Test results not yet available.

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TV Visual Transmittance

1/8 CL 1/8" Clear Glass
1/4 CL 1/4" Clear Glass
1/4 HA 1/4" Heat Absorbing Glass

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Specifications

MAX. FABRIC WIDTH:	96"	COMPOSITION:	65% PVC on fiberglass, 35% fiberglass	BREAKING STRENGTH:	warp 250 lbs fill 262 lbs
ROLL LENGTH:	30 yd		69% PVC on polyester, 31% polyester	STIFFNESS:	warp 291 Mg fill 318 Mg
FABRIC WEIGHT:	13.46 oz/yd ²			STRETCH:	warp 0.7% fill 0.8%
FABRIC THICKNESS:	0.028"	FIRE	NFPA 701-99 TM#1	YARN DIAMETER:	warp 0.011" fill 0.022"
OPENNESS FACTOR:	14%	CLASSIFICATION:	(small scale), CCC-C-521E (type 11 fiberglass), A-A150, ASTM-G21 and ASTM-G22 (bacterial and fungal resistance)		
UV BLOCKAGE:	86%				

COLOR	SOLAR OPTICAL PROPERTIES				SHADING COEFFICIENT		
					SINGLE		
	TS	RS	AS	TV	1/8 CL	1/4 CL	1/4 HA
PEARL WHITE	24	62	14	20	0.38	0.38	0.34
MUSHROOM SAND	23	46	31	21	0.49	0.48	0.40
CUSTARD CREAM	24	52	24	22	0.45	0.44	0.38
SAND DOLLAR	26	40	34	24	0.54	0.52	0.42
HONEY SAGE	22	28	50	22	0.62	0.59	0.45
HARVEST WHEAT	19	16	65	20	0.69	0.66	0.49
PALE GRAY	20	42	38	19	0.51	0.50	0.41
SPANISH GRAY	14	25	61	15	0.62	0.59	0.45
DUSTY GRAY	16	17	67	16	0.68	0.64	0.48
MOSSY GREEN	18	16	66	20	0.69	0.65	0.49
NINJA GRAY	14	10	76	16	0.72	0.68	0.50
ESPRESSO	19	8	73	21	0.74	0.70	0.52
CHOCOLATE	14	5	81	17	0.75	0.71	0.52

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Royal Caribbean

RELATED PROJECTS LIST

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Architect/Specifier: designLAB architects

Product: Manual Roller Shades

Project: **Huguley Memorial Medical Center, Fort Worth, TX**

Product: 400+ Manual Roller Shades, GlacierScreen™

Project: **United Health Group**

Product: Coupled Motorized Roller Shades, M Screen

Project: **Mercedes Benz dealer**

Product: 70 Roller Shades with fascia, E Screen

Project: **Chipotle Corp. HQ Denver, CO**

Product: Coupled Motorized Roller Shades

Project: **US Citizenship and Immigration Services, Irving, TX**

Architect/Specifier: 4240 Architecture

Product: Manual and Motorized Roller Shades and
CD60 Aluminum Horizontal Blinds

Project: **Hancock Bank Building, Gulfport, MS**

Architect/Specifier: Grace & Hebert Architects

Product: Manual Roller Shades

Project: **Reflections at Bloomington Central – motorized
roller shades, Bloomington, MN**

Architect/Specifier: Elness Swenson Graham Architects with
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Product: Motorized Roller Shades

Project: **JPS Hospital, Fort Worth, TX**

Product: 500+ Manual and Motorized Roller Shades

Project: **Royal Caribbean, Springfield, OR**

Architect: Workstage; Integrated Architects

Product: Manual Roller Shades



US Citizenship & Immigration Services



World Headquarters for IFAW

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COMMITMENT TO SUSTAINABILITY

From products, to processes, to philanthropy, environmental responsibility is a core Hunter Douglas value. We are the worldwide leader in creating innovative, energy-efficient window fashions. Our commitment to minimizing our own impact on the environment includes aggressive plans to reduce energy consumption by 15%, water usage by 40%, and overall carbon emissions by 20% over a three-year period.

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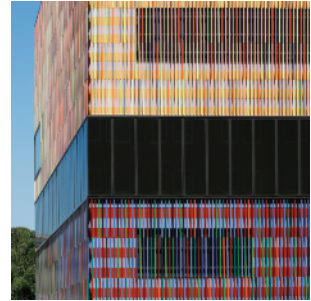
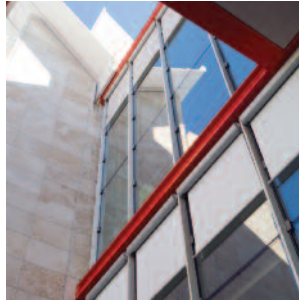
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