



*O.D.S in action!
Detects objects in the path
and retracts the screen.*

Covering large openings

DON'T LIVE IN A CAVE DURING THE STORM!

Stand out features for **Storm Tex screens**

- Affordable retractable hurricane protection
- Advanced storm fabric protection "almost bullet proof"
 - 50% Aramid fibers, same fabric in ballistic vest
- Florida and Texas building codes approved
- Converts balconies | lanais into hurricane safe rooms
- Store furniture in your safe room during a storm
- See through, no more dark rooms
- Ideal for large openings

FABRIC COLORS



FRAME COLORS



*Additional charges apply



Seamless intergration



Hurricane rated comfort control system.

Storm Tex

hurricane screens



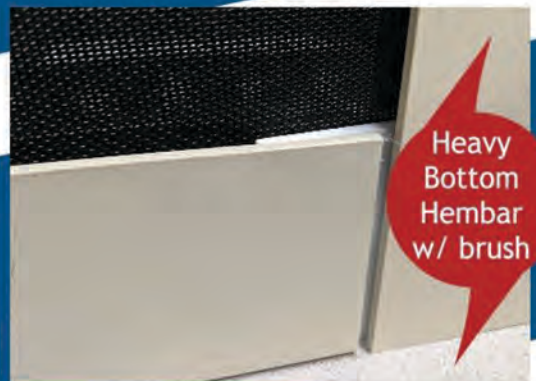
Storm Tex rolling hurricane screens are the best option for residential, commercial, and even store fronts for storm protection. **Storm Tex** not only offers storm protection, it can offer solar, wind, privacy, insect and comfort control in an instants notice.



Aluminum
6.5" - 8.0"
BOX



Zip Keder
Locks fabric
Into rail



Heavy
Bottom
Hembar
w/ brush

FEATURES

- **Hurricane Rated**
 - Meets FBC, HVHZ / Miami Dade, TDI
- **Large spans**
 - Up to 24 ft. Wide
 - Up to 20 ft. Tall
- **Aluminum header box 6.5" - 8.0"**
- **50% Aramid fibers "almost bullet proof"**
 - Same fabric in ballistic vest
- **Large polyamide bullet zipper**
 - Allows higher wind loads than others
- **Heavy Gauge extruded aluminum Hem Bar**
 - Allows more dependable operation
 - Felt/Brush gasket on bottom
- **All powder coated frames**
- **Stainless hardware to last the test of time**
- **Manual or motorized operators**
 - Hand crank, with removable crank
 - Remote controlled options
 - Sun sensors available
 - Smart home integration with ease
 - ODS, Obstacle detection system "retracts"

Fabric information



Omega Tex 95% Solar

Omega screen is simply one of the strongest and most durable textiles available today. At the very heart of its superior performance is a carefully engineered aramid core. Aramids, are lightweight materials that possess extraordinary strength and heat resistant properties and are often used in aerospace and military applications such as body armor and ballistic composites.

Weight, oz/yd ²	D3776-96	--	--	19.0
Tensile Strength (grab), lbf	D5034-95	669.4	835.9	
Tensile Strength (strip), lbf	D5035-95	430.0	259.5	
Tear Strength, (Trapezodial), lbf	D1117-97	155.8	243.3	
Elongation, %	D5035-95	41.2	7.7	
Abrasion Resistance (H18/500 cycles/ with no add weight)	D3884-92	No exposure to core yarn		
Flammability Rating		CA Title 19 & NFPA 701		
Weatherability, 1200 hours	G53-96	Trace discoloration		
Ball Burst, lbf*	D3787			460+
Bursting Strength, psi*	D3786			1250+
Pinpoint Resistance, lbf	D4833			364
Porosity Calculation			Open Cover	9% 91%

* Exceeds capacity of tester

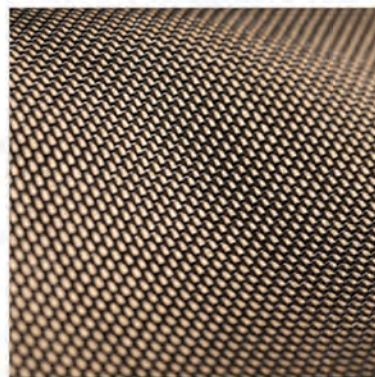
** The above results are a representative of real data from single test samples. Presently no specification is incorporated.

Solar Optical Properties and Heat Transfer Data:

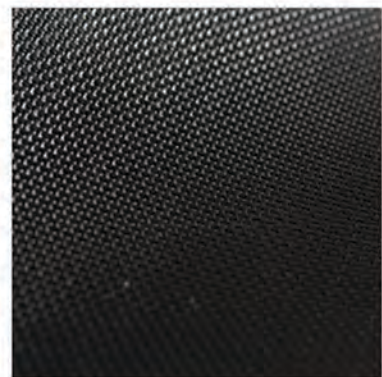
Table No. 1													
Twitchell OmegaTex Exterior Window Shade													
Profile	Total Solar			Visible			UV	O.F.	Shading Coefficient				
	Tran.	Ref.	Abs.	Tran.	Rel.	Abs.			1/8" Clr.	1/4" Clr.	1/4" H.A.	Clr. Dbl.	H.A. Dbl.
0	8	4	88	12	5	83	8	8	0.18	0.17	0.17	0.14	0.13
45	5	4	91	6	13	81	8	8	0.16	0.16	0.15	0.12	0.08



White and Tan



Black and Tan



Black

Keder Information



Bullets Zipper
11mm



Keder Material: POM | Nylon

Tape Material: PES | PP

Lateral Strength: 100 kg

Keder Size: 11mm wide

Frame information

Max width – 24ft

Max Height – 20ft

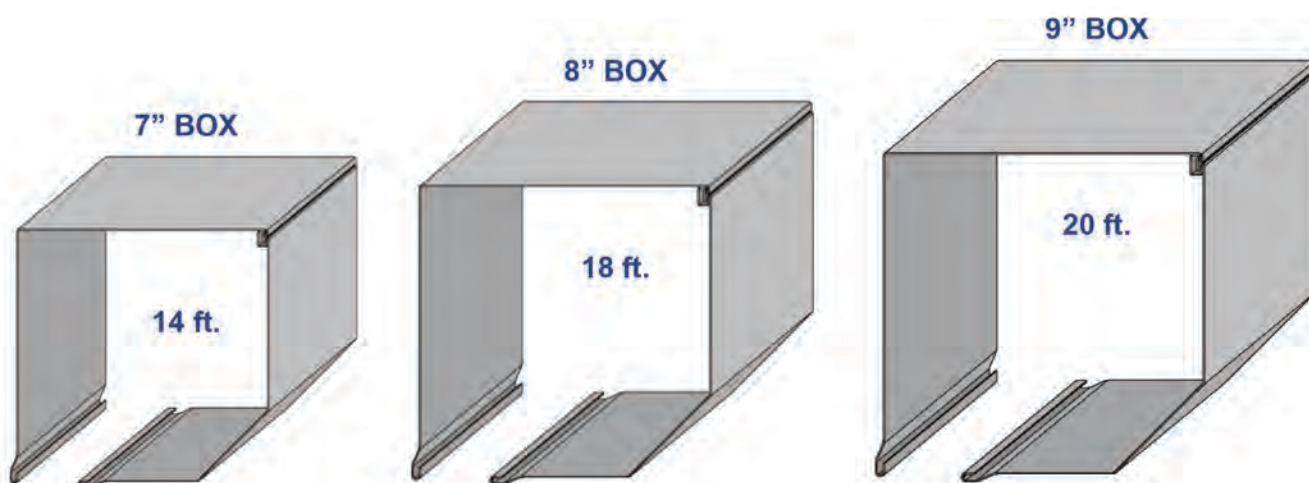


Header box size

MAX HEIGHT INTO 7" BOX – 168"

MAX HEIGHT INTO 8" BOX – 216"

MAX HEIGHT INTO 9" BOX – 240"



Frame information

Frame Colors, Powder Coated

White, Beige, Brown, Cream, Gray, Bronze

WHITE

BEIGE

BROWN

CREAM

GRAY

BRONZE

Guiderail / Siderail dimensions



1" thick x 3" wide, aluminum

Hembar options

Standard Hembar



1" thick x 3-3/16" tall, alum

Self-Adjusting Hembar



1" thick x 3" tall, alum

Mini Hembar



3/4" thick x 1-7/8" tall, alum