LLC
Managing Environments®
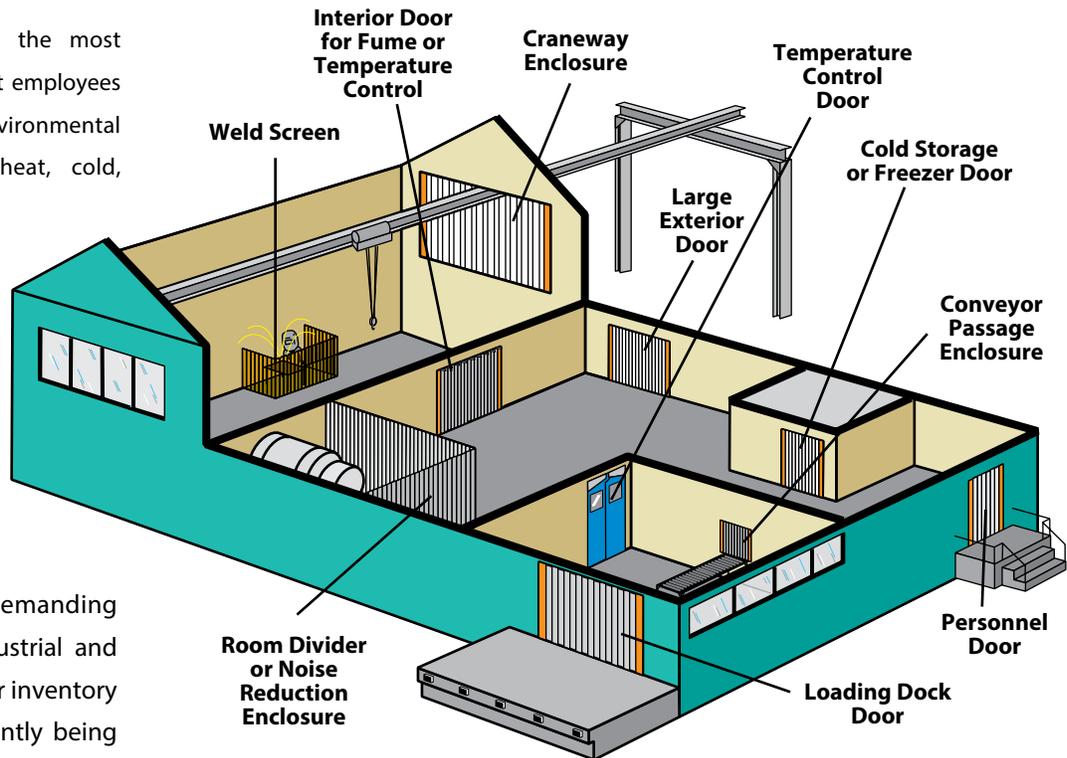A SENNECA COMPANY

Chase Doors
A SENNECA COMPANY

STRIP DOORS
FOR ENVIRONMENTAL CONTROL

Featuring *SAVE-T*® Products

Why Use Strip Doors?

Our *Save-T* Strip Doors are the most economical solutions to protect employees and goods from adverse environmental conditions such as noise, heat, cold, humidity, dust and drafts.

In order to meet the demanding requirements of today's industrial and commercial marketplaces, our inventory of *Save-T* Products is constantly being updated. We offer the most diversified range of PVC products and strip door hardware in the USA. Our sales staff and design engineers can handle your everyday needs or your most troublesome problems.

Interior Door for Fume or Temperature Control
Craneway Enclosure
Temperature Control Door
Weld Screen
Cold Storage or Freezer Door
Large Exterior Door
Conveyor Passage Enclosure
Room Divider or Noise Reduction Enclosure
Personnel Door
Loading Dock Door

BENEFITS

- Reduces Hot or Cold Air Loss
- Restricts Movement of Air Pollutants
- Transparency Promotes Safety
- Provides Bird and Flying Insect Control
- Isolates Noisy Machinery
- Increases Employee Comfort
- Easy to Install
- Strong and Durable
- Minimizes Maintenance

Industrial Strip Doors

Industrial Strip Doors are used any time an opening is greater than 6 feet wide and 8 feet high. Built to withstand heavy industrial fork truck traffic, industrial strip doors are offered in a variety of materials based on the application; clear, frosted, black, weld screen, offset double-ribbed and anti-static for use in clean rooms. TMI Strip Doors are inexpensive, easy to install and can save hundreds of dollars in energy costs every year.

Features

- Studded or SAVE-T® LOC® mounting hardware available
- Choice of 4", 6", 8", 12" or 16" strips
- Choice of wall, header or universal mounting hardware
- Broadest variety of PVC materials

Benefits

- **Reduces Air Loss**
- **Increases Employee Comfort**
- **Noise Reduction**
- **Strong and Durable**
- **Stops Bird and Flying insects**
- **Promotes Safety**

Accordion Strip Doors   Standard & Motorized

TMI's Accordion Strip Door design is unique in the industry because it rotates the door strips and stacks them flat when open, requiring very little space compared to sliding tracks. A door can be pulled to one side or parted in the middle to allow free passage during high traffic times or for sensitive cargo to pass.

Motorized Accordion Strip Doors automatically open as quickly as 36" per second and are available for door sizes up to 11' W and 10' H for one-sided or up to 22' W and 10' H for bi-parting, with a minimum door height of 104". *Doors greater than 11' wide are always be bi-parting.*

Features

- Open to one side or bi-parting
- Wall, in-jamb and overhead mount
- Bi-parting models can fit openings up to 28' wide x 10' high
- Optional motorized door ensures steady workflow

Benefits

- **Easy Pass Through**
- **Maintains Temperature**
- **Controls Dust**
- **Reduces Strip Wear**
- **Lasts Longer**

Sliding Strip Doors

Sliding Strip Doors take advantage of available wall space on one or both sides of a doorway to allow the strip door to be slid out of the way during heavy traffic or to protect passing inventory.

Features

- Strong and durable
- Choice of 3 mounting methods:
    1. Wall mount opening to one side (OSWM)
    2. Bi-parting wall mount (BPWM)
    3. Double track-header mount (BPHM)

Benefits

- **Saves Energy**
- **Maintains Temperature**
- **Isolated Contaminants**
- **Slides Open for Heavy Traffic**

Truck Strip Doors

Truck Strip Doors help to keep refrigerated trailer temperatures stable while the truck door is open during deliveries, with the added benefits of preventing flying insects from entering. Additional brackets can be placed at different depths so the strip door can be moved.

Features

- Quick and easy installation using our exclusive ComPress Rod and Double-U Mounting Brackets
- Standard Clear or Low-Temp Strips
- Available in 6" or 8" wide strips

Benefits

- **Saves Energy**
- **Maintains Proper Temperature**
- **Blocks Flying Pests**
- **Enhances Security and Privacy**

Personnel Strip Door   *Interior Applications Only*

Personnel Strip Doors separate temperatures between rooms to ensure the comfort of employees and customers alike. They provide a cost-effective solution to streamline workflow in restaurants and other areas with high personnel traffic. A strip door for personnel can pay for itself in as little as 3 months due to increased savings on energy bills. *For Doorway Openings 34" to 40" wide, up to 96" high*

Features

- Strips are available in standard clear PVC strips, 8" wide and .040" thick
- 6 pack replacement strips available
- Mounting Hardware is 100%NSF Certified non-corrosive, high-impact polypropylene

Benefits

- **Installs in Only 10 Minutes**
- **Blocks Dirt, Dust and Grease**
- **Maintains Visibility and Light**
- **Reduces Sound Transmission**

M-Series Strip Door

M-Series strips have a heat-sealed loop at the top which slides onto a mounting bar. This design alleviates stress at the point of contact with traffic. It also allows the strips to be rotated or replaced easily. Available in 6" and 8" widths in standard and USDA Low Temp. Mounting hardware and brackets are all aluminum.

Mounting Tube

Sealed Loop PVC Strips
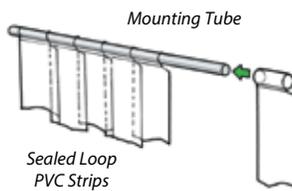
Model	Size	Material	Temp. (ºF)
M-106-PR-4080	6"x .060"	USDA Low Temp Reinforced	– 20 to 150
M-108-PR-4080	8"x .080"	USDA Low Temp Reinforced	– 20 to 150
M-106-S-4080	6"x .060"	Standard	0 to 150
M-108-S-4080	8"x .080"	Standard	0 to 150

M-Series Doors are 40" W x 80" T to fit openings up to 36" W x 72" T

TMI Strip Doors are designed based on several factors, including door width & height, interior or exterior use, kind of traffic and environmental conditions. Different sizes of strip material are available in six different overlap patterns (see charts below). TMI recommends a minimum strip overlap for interior doors and a maximum overlap for external. For heavy-duty traffic applications, TMI recommends using offset double ribbed material for additional scuff resistance and longer service life.
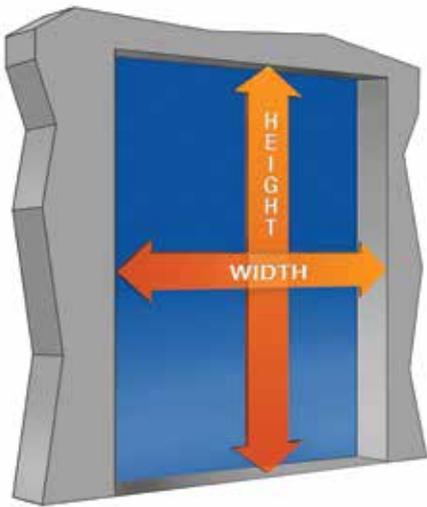
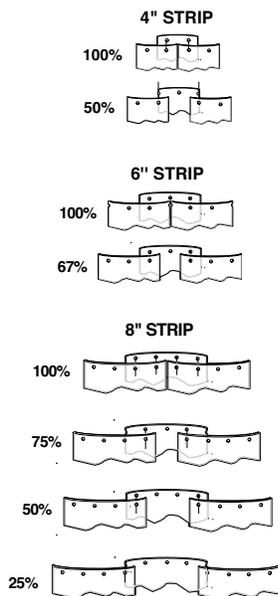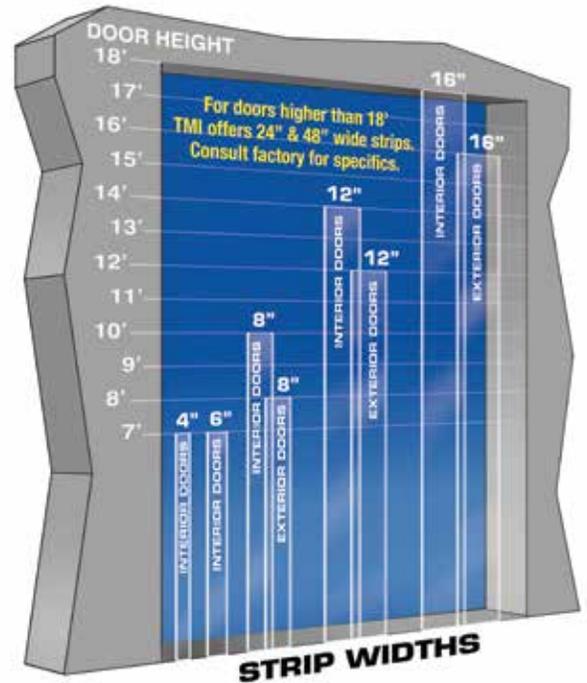

Calculating Strip Door Layout

◀ **STEP 1**

Measure the width and height of the doorway opening. Round up to the next full foot.

STEP 2 ▶

Use the appropriate strip width based on opening height. Consider whether the door will be an interior or exterior door.

◀ **STEP 3** ▶

Determine which overlap percentage is requires. Use the maximum percentage for exterior doors due to the possibility of high-velocity wind gusts. For heavy duty traffic applications, increase strip size or use offset double-ribbed strips.

4" STRIP
100%
50%

6" STRIP
100%
67%

8" STRIP
100%
75%
50%
25%

12" STRIP
100%
67%
50%
33%

16" STRIP
100%
75%
50%
25%
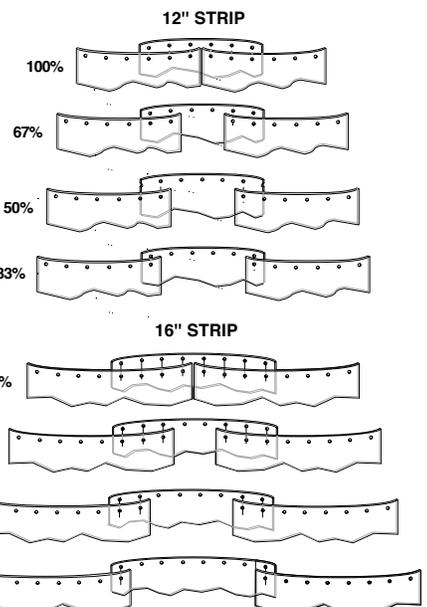
STEP 4 ▼
Find your Multiplying Factor using the chart below.

Multiplying Factor in Red						
Overlap %						
Strip Widths	25%	33%	50%	67%	75%	100%
4"			4			6
6"		2		3		4
8"	1.75		2		2.5	3
12"		1.2	1.35	1.5		2
16"	.875		1		1.2	1.5

Note: After calculating the number of strips, add 1 strip so door edge is not exposed.

STEP 5 ▼

Multiply the Door Width by the Multiplying Factor. The result is the number of Strips needed. Add 1 strip to that figure to compensate for edge exposure. Finally, multiply that number by the Doorway Height. The result is the linear footage required.

Example: For a door that is 10' Wide by 12' High using 12" Strips with a 67% Overlap.

Multiplying Factor		Door Width in Feet		Number of Strips		Add 1 Strip		Total Number of Strips		Door Height in Feet		Linear Footage of PVC Strip
1.5	x	10	=	15	+	1	=	16	x	12	=	192

Example of Model Number

Doorway Opening: 10' W x 10' H
Standard Traffic

Model SD 12-67-UL

Strip Door — 12" x .120" Standard PVC — 67% Overlap *(See this page)* — Standard Header Mount *(See page 23)*

Model SD 12-67-UL-OSDR

Orange end strips must be specified with order

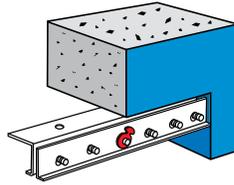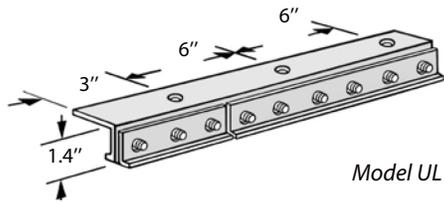For forklift traffic use Double Ribbed PVC

Threaded Stud

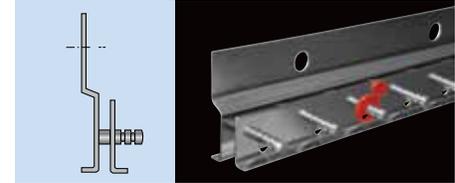*Available in galvanized steel, stainless steel and aluminum*

SAVE-T® LOC

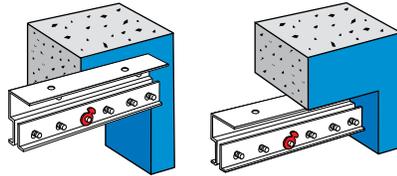**Header Mount - 3', 4', 5', 6', 8' & 10' Lengths**

6''
6''
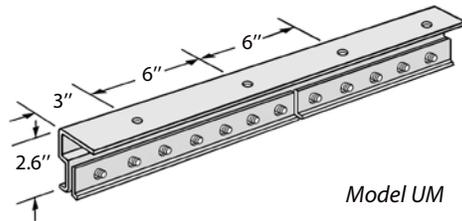3''
1.4''

Model UL

Model UL-LC

Wall Mount - 3', 4', 5', 6', 8' & 10' Lengths

6''
6''
3''
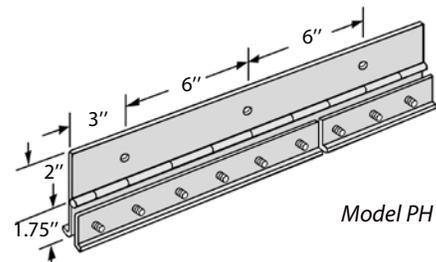2.7''
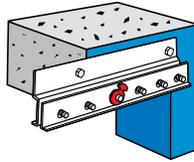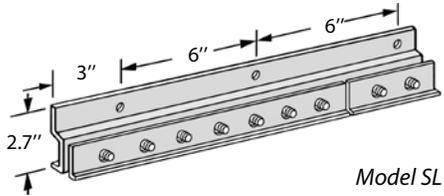
Model SL

Model SL-LC

Universal Header & Wall Mount - 3', 4', 5', 6', 8' & 10' Lengths

6''
6''
3''
2.6''

Model UM

Model UM-LC

Piano Hinge Header & Wall Mount - 3', 4', 5', 6', 8' & 10' Lengths
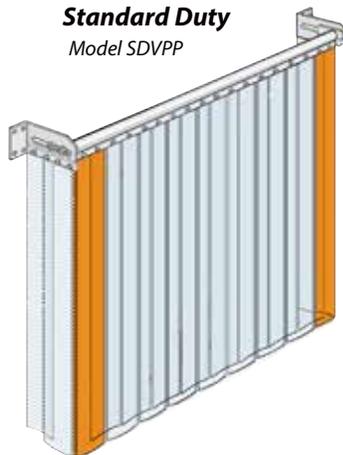
6''
6''
3''
2''
1.75''

Model PH

LOC SYSTEM

Patented
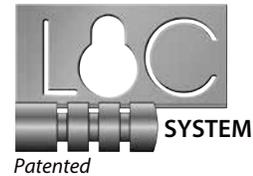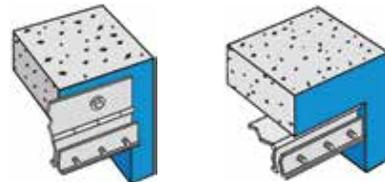
TMI's exclusive SAVE-T® LOC Hardware installs in minutes and strips can be replaced without tools. SAVE-T® LOC works with 95% of strip doors on the market.

Overhead Door Brackets

Standard Duty
Model SDVPP

Heavy Duty
Model 3SBB
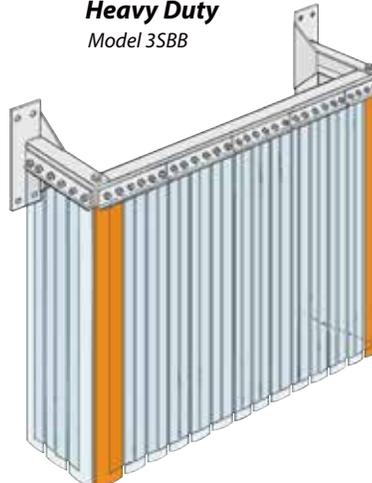
TMI's Standard Duty brackets can be used on doorways up to 11' wide. The strip length and projection from the wall can easily be adjusted for a perfect fit and all brackets are zinc plated for added protection.

TMI's Heavy Duty brackets provide superior strength for doorways up to 24' wide. An optional 3" brush seal to close the gap to the garage door is also available.

RIP-A-STRIP®
Ready-to-Hang Replacement Strips

No Knife or Tools Required!

3 Easy Steps

You can easily and quickly replace any worn strips on your pre-studded door

1 PULL THE STRIP

2 RIP THE STRIP

3 HANG THE STRIP

The items listed below are in stock and ready to ship the same day the order is placed.

All items below ship in specially-designed and easy-to-use dispenser box

Standard Clear Flat Strips

Model	Dimensions	Quantity
QSRIP-8X7-10-STD	8″W x 7′L x .080″	10 Strips
QSRIP-8X8-9-STD	8″W x 8′L x .080″	9 Strips
QSRIP-12X10-7-STD	12″W x 10′L x .120″	7 Strips
QSRIP-12X12-6-STD	12″W x 12′L x .120″	6 Strips

Offset Double-Ribbed Clear Strips

Model	Dimensions	Quantity
QSRIP-8X7-10-OSDR	8″W x 7′L x .080″	10 Strips
QSRIP-8X8-9-OSDR	8″W x 8′L x .080″	9 Strips
QSRIP-12X10-7-OSDR	12″W x 10′L x .120″	7 Strips
QSRIP-12X12-6-OSDR	12″W x 12′L x .120″	6 Strips

Complete Strip Doors: Includes Strips, Universal Mounting Hardware & Safety Orange End Strips

Door Model	Door Size	Strip Size
QSD-8-50-UM- 48 x 84	4′ W x 7′ H	8″ W x .080″
QSD-8-50-UM- 48 x 96	4′ W x 8′ H	8″ W x .080″
QSD-8-50-UM- 60 x 96	5′ W x 8′ H	8″ W x .080″
QSD-8-50-UM- 72 x 96	6′ W x 8′ H	8″ W x .080″
QSD-12-67-UM- 96 x 96	8′ W x 8′ H	12″ W x .120″
QSD-12-67-UM- 84 x 120	7′ W x 10′ H	12″ W x .120″
QSD-12-67-UM- 96 x 120	8′ W x 10′ H	12″ W x .120″
QSD-12-67-UM- 120 x 120	10′ W x 10′ H	12″ W x .120″
QSD-12-67-UM- 120 x 144	10′ W x 12′ H	12″ W x .120″
QSD-12-67-UM- 144 x 144	12′ W x 12′ H	12″ W x .120″

Also Available in Offset Double Ribbed

Extruded PVC Strip Rolls

Model	Description	Dimensions
FCS08080-300	Standard Clear	8″ x .080″x 300′
FCS12120-200	Standard Clear	12″ x .120″x 200′
FCS16160-100	Standard Clear	16″ x .160″x 100′
RCS08072-150	Ribbed Clear	8″ x .072″x 150′
RCS12108-150	Ribbed Clear	12″ x .108″x 150′
RCS16144-100	Ribbed Clear	16″ x .144″x 100′

Note: All dimensions subject to standard industry tolerances.

PROPERTIES OF PVC AND OTHER MATERIALS			
Material	Density lb./cu. ft.	Thermal Conductivity (K), Btu/(hr.)(sq.ft.)(deg. F/in.)	Thermal Resistance (R) (1/K)
Polystyrene	1.6	0.23 to 0.30	3.8
Pressed wood pulp	17	0.356	2.81
Wallboard	43	0.48	2.08
PVC barrier	75	0.73	1.37
Wood (Fir)	37	0.76	1.30
Building Brick	87 to 100	2.6 to 5.2	0.2 to 0.4
Window glass	150	4 to 7	0.14 to 0.25

Test	ASTM	Standard, Safety Orange and Personnel Doors	USDA	Low Temperature
Specular Transmission	D1746	80-90	70-80	70-80
Hardness Value	D2240 Inst.	79	75	69
Tensile Strength	D412	1900 psi	1700 psi	1600 psi
Ultimate Elongation	D412	300%	300%	325%
Tear Resistance	D1004	275#/in.	225#/in.	200#/in.
Stiffness	D747	0°F 8700 psi	0°F 4000 psi	0°F 2500 psi

Transmission Loss in dB																
Freq. (Hz)	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3100	*Class
48" x .080" Sheet	8	11	9	12	13	16	17	18	21	21	24	25	26	28	20
48" x .160" Sheet	11	14	13	17	16	19	21	22	24	26	27	29	30	32	23
8" x .080" Strip	6	9	11	12	14	14	16	15	15	14	14	16	16	17	15
12" x .120" Strip	12	15	15	16	18	17	16	15	17	17	20	21	21	22	19

*Sound Transmission Class
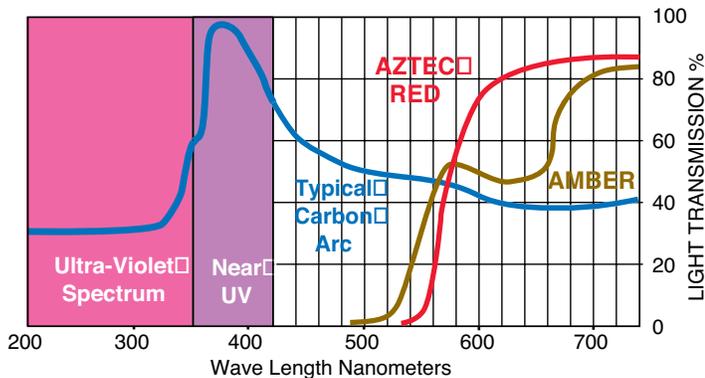
The Anti-Static performance at 73°F and 40% RM charge in kilo volts is as follows:					
Initial	15 Seconds	30 Seconds	45 Seconds	60 Seconds	120 Seconds
2.00	0.30	0.15	.08	.03	.00

Thermal Conductivity

Thermal conductivity is the quantity of heat passing in "unit" time through a piece of "unit" area and "unit" thickness with a temperature differential of one degree between the faces. The values in this table were obtained using ASTM Test C-177.

Tensile Strength

All of TMI, LLC's flexible *SAVE-T*® PVC strip and sheet products are designed and tested for both commercial and industrial applications. The materials represented in this catalog have been tested using American Standard Test Methods (ASTM).

Noise Abatement

Flexible PVC can reduce noise level from 10 db to 35 db depending on the thickness of the material. The figures in this table are the results from ASTM Test E-90 and clearly indicate the noise reduction potential of PVC material.

Ultraviolet Resistance

An ultraviolet inhibitor has been incorporated into the compound of our clear materials to reduce fading and yellowing. This inhibitor also improves the material's weatherability. Our Amber material is also formulated to deter the affects of ultraviolet and near ultraviolet light. This chart shows the correlation between a carbon arc and our Amber product.

Anti-Static

This material should be considered for "Clean Room" enclosures or high tech areas where static build-up might be a detriment.

Flame Resistance

Our flexible materials either meet or exceed the California Health and Safety Code requirements of the State Fire Marshal Code for flame retardation.

Standard flexible transparent strip PVC material from 4″ to 16″ wide and from .040″ to .250″ thick.

Description

- 0°F to 150°F
- Select Material Compliant with California Fire Marshal Code
- UV Stabilized

Standard-Grade PVC is recommended for applications above freezing, and as high as 150°F.

Standard PVC Clear - Strip

| Model	Width	Strip Thickness	Roll Length	Ship Wt.
10-04-040-500	4″	.040″	500′	47 lbs
10-04-060-300	4″	.060″	300′	44 lbs
10-06-040-500	6″	.040″	500′	78 lbs
10-06-060-300	6″	.060″	300′	62 lbs
10-06-080-400	6″	.080″	400′	82 lbs
10-06-120-200	6″	.120″	200′	81 lbs
10-08-080-105	8″	.080″	105′	38 lbs
10-08-080-300	8″	.080″	300′	105 lbs
10-08-120-200	8″	.120″	200′	105 lbs
10-08-160-100	8″	.160″	100′	71 lbs
10-12-080-105	12″	.080″	105′	58 lbs
10-12-080-300	12″	.080″	300′	159 lbs
10-12-120-105	12″	.120″	105′	81 lbs
10-12-120-150	12″	.120″	150′	122 lbs
10-12-120-200	12″	.120″	200′	156 lbs
10-12-160-100	12″	.160″	100′	105 lbs
10-12-240-60	12″	.240″	60′	100 lbs
10-16-080-200	16″	.080″	200′	141 lbs
10-16-120-100	16″	.120″	100′	107 lbs
10-16-160-100	16″	.160″	100′	141 lbs
10-16-160-150	16″	.160″	150′	210 lbs

Standard flexible transparent PVC sheet material from 24″ up to 60″ wide and from .040″ to .250″ thick.

Description

- 0°F to 150°F
- Select Material Compliant with California Fire Marshal Code
- UV Stabilized

Standard PVC Clear - Sheet

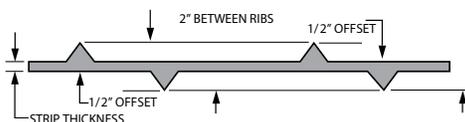| Model	Width	Strip Thickness	Roll Length	Ship Wt.
10-24-120-60	24″	.120″	60′	98 lbs
10-24-160-60	24″	.160″	60′	125 lbs
10-24-240-60	24″	.240″	60′	202 lbs
10-36-080-60	36″	.080″	60′	101 lbs
10-36-120-60	36″	.120″	60′	146 lbs
10-36-160-60	36″	.160″	60′	186 lbs
10-36-240-60	36″	.240″	60′	303 lbs
10-48-040-150	48″	.040″	150′	177 lbs
10-48-060-60	48″	.060″	60′	107 lbs
10-48-080-60	48″	.080″	60′	133 lbs
10-48-080-120	48″	.080″	120′	264 lbs
10-48-120-30	48″	.120″	30′	97 lbs
10-48-120-60	48″	.120″	60′	194 lbs
10-48-160-60	48″	.160″	60′	245 lbs
10-48-240-60	48″	.240″	60′	403 lbs
10-60-120-60	60″	.120″	60′	230 lbs
10-60-160-60	60″	.160″	60′	310 lbs

Low Temp material is made from compounds approved for indirect contact with food packaging products. This product is recommended for indoor and outdoor applications ranging from −20°F to 140°F. Extra Low Temp is available for applications to −40°F.

Low temperature PVC is recommended for use in freezers and external applications as low as -20°F.
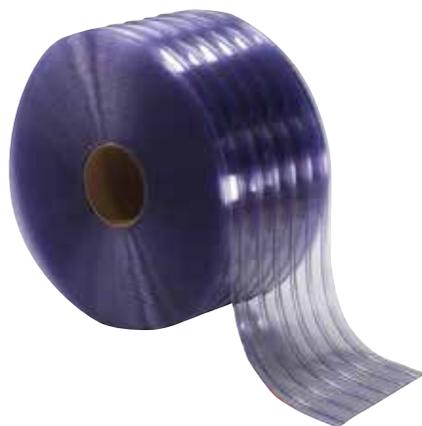
Both sides of the strip have raised ribs spaced 2" apart and are offset by 1/2" front to back. Ribbed strips are ideal for heavy traffic strip doors because they significantly reduce scratching, so the door remains clearer and safer.

2" BETWEEN RIBS
1/2" OFFSET
1/2" OFFSET
STRIP THICKNESS

Contact TMI for custom configurations

Low Temp - Strip & Sheet   −20°F to 140°F

Width	Model	Strip Thickness	Roll Length	Ship Wt.
6"	11-06-060-300	.060"	300'	62 lbs
8"	11-08-080-300	.080"	300'	105 lbs
12"	11-12-120-200	.120"	200'	159 lbs
16"	11-16-160-100	.160"	100'	141 lbs
48"	11-48-080-60	.080"	60'	133 lbs

Reinforced

Width	Model	Strip Thickness	Roll Length	Ship Wt.
6"	12-06-060-300	.060"	300'	62 lbs
8"	12-08-080-300	.080"	300'	105 lbs
12"	12-12-120-200	.120"	200'	152 lbs
16"	12-16-160-100	.160"	100'	141 lbs

Extra Low Temp - Strip   −40°F to 140°F

Width	Model	Strip Thickness	Roll Length	Ship Wt.
8"	13-08-080-300	.080"	300'	105 lbs
12"	13-12-120-200	.120"	200'	156 lbs

Offset Double Ribbed - Strip   0°F to 150°F

Standard Clear

Width	Model	Strip Thickness	Roll Length	Ship Wt.
8"	20-08-072-150	.072 / .272"	150'	60 lbs
12"	20-12-108-150	.110 / .310"	150'	124 lbs
16"	20-16-144-100	.145 / .345"	100'	141 lbs

Low Temp Clear   -20°F to 140°F

Width	Model	Strip Thickness	Roll Length	Ship Wt.
8"	21-08-072-150	.072 / .272"	150'	60 lbs
12"	21-12-108-150	.110 / .310"	150'	124 lbs
16"	21-16-144-100	.145 / .345"	150'	141 lbs

Safety Orange

Width	Model	Strip Thickness	Roll Length	Ship Wt.
8"	22-08-072-150	.072 / .272"	150'	60 lbs
12"	22-12-108-150	.110 / .310"	150'	124 lbs

Insect Control Yellow

| Width	Model	Strip Thickness	Roll Length	Ship Wt.
8"	23-08-072-150	.072 / .272"	150'	41 lbs
12"	23-12-108-150	.110 / .310"	150'	124 lbs

Opaque material is used to limit light transmission and visibility

Anti-Static material meets or exceeds the Federal Test Methods ST.101C and 4046 specs. The charge decay rate is 0.50 sec. with a charge potential of 5,000 volts.
Please note: Product liabilities are the sole responsibility of the end-user.
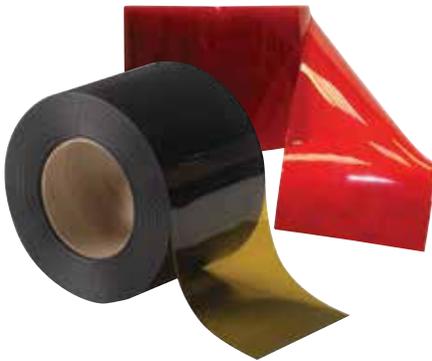
Amber and Aztec Red colored transparent PVC protects against the effects of UV light emitted during arc welding. However, eye protection should be worn for direct viewing of welding arcs even through this material.

Safety Orange PVC material designates door jambs and other areas for safety.

Opaque PVC - Strip & Sheet 0°F to 150°F
Note: Other opaque materials are available. Consult the factory

Black

Width	Model	Strip Thickness	Roll Length	Ship Wt.
8"	17-08-080-300	.080"	300'	105 lbs
12"	17-12-120-200	.120"	200'	155 lbs
16"	17-16-160-100	.160"	100'	141 lbs

White

Width	Model	Strip Thickness	Roll Length	Ship Wt.
12"	18-12-120-200	.120"	200'	156 lbs

Anti-Static - Strip 0°F to 150°F

Width	Model	Strip Thickness	Roll Length	Ship Wt.
8"	16-08-080-300	.080"	300'	105 lbs
12"	16-12-120-200	.120"	200'	158 lbs
48"	16-48-040-150	.040"	150'	177 lbs
48"	16-48-120-60	.120"	60'	194 lbs

Weld Screen - Strip & Sheet 0°F to 150°F

Amber

Width	Model	Strip Thickness	Roll Length	Ship Wt.
8"	14-08-080-300	.080"	300	105 lbs
12"	14-12-120-200	.120"	200'	156 lbs
16"	14-16-160-100	.160"	100'	141 lbs
48"	14-48-040-150	.040"	150'	177 lbs
48"	14-48-080-60	.080"	60'	133 lbs
48"	14-48-120-60	.120"	60'	194 lbs

Aztec Red 0°F to 150°F

Width	Model	Strip Thickness	Roll Length	Ship Wtl
8"	62-08-080-300	.080"	300'	105 lbs
12"	62-12-120-200	.120"	200'	156 lbs

Safety Orange - Strip 0°F to 150°F

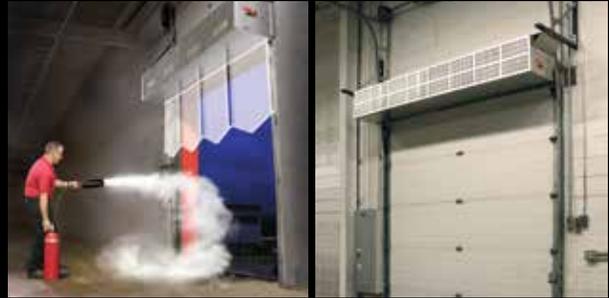| Width	Model	Strip Thickness	Roll Length	Ship Wt.
8"	15-08-080-300	.080"	300'	105 lbs
12"	15-12-120-200	.120"	200'	156 lbs
16"	15-16-160-100	.160"	100'	210 lbs

Note: Safety Orange also available in Offset Double Ribbed

ROLL UP DOORS AND SCREENS

AIR CURTAINS

IMPACT DOORS

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