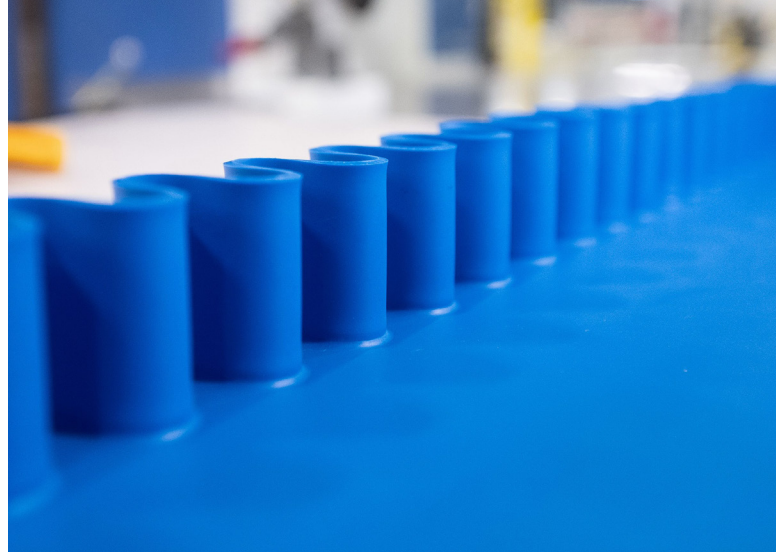


ThermoGienic Advantage™

Mol Belting's ThermoGienic™ fabrications combine the versatility of thermoplastic materials with hygienic design features. Our equipment is state-of-the-art to ensure a factory finish on all our ThermoGienic™ fabrications.

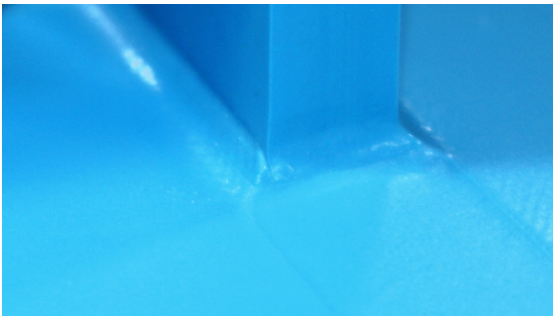


ThermoGienic Synchronized Sidewall™

For controlled containment of product, we offer a hygienic sidewall. Our ThermoGienic Synchronized Sidewall™ is dual-mold welded to the thermoplastic base belt to perfectly align both sides. This results in a smooth consistent finish with a lower footprint for cleanability with superior strength while maintaining minimum pulley capabilities.

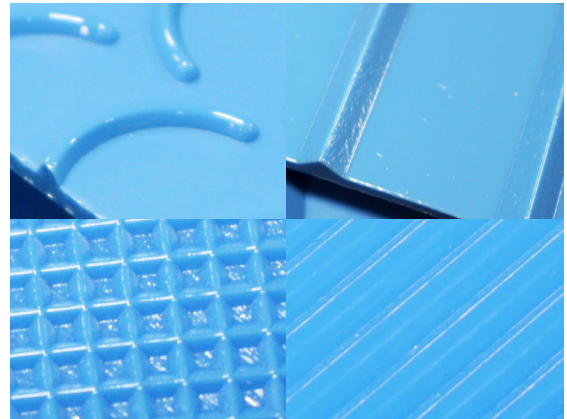
ThermoGienic Cleats™

Our unique application process produces an extremely sanitary end product that is free of inside corners, niches or weld flashing. ThermoGienic Cleats™ are permanently attached to the base belt forming a smooth 3.175mm radius around the entire perimeter of the cleat base. This innovative process ensures that your belts are easily cleanable to a microbial level. ThermoGienic Cleats™ are part of the sanitary-by-design advantage.



Cover Profiles

Mol Belting has the capability of adding custom profiles to the top or bottom cover of many of our PVC and Polyurethane belts. Standard products can be resurfaced with one of ten profiles to fine-tune the surface characteristics needed for your application.



Edgecap

Exposed fabric is absorbant. The liquids soaked up by a fabric can harbor bacteria and are difficult to sanitize. Edgecap seals the outside edge of a belt by removing exposed or fraying fabric and replacing the outside edge with a solid thermoplastic, resulting in an easy-to-clean edge that is non-absorbant.

Technical Data | Cleats

Cleat Style	Thickness (mm)	Height Options	Minimum Pulley Diameter	Durometer Hardness	Min Spacing (Inches)	Colors Available	Min Temp. (Fahrenheit)	Max Temp. (Fahrenheit)	FDA	
ThermoGienic Cleats™	PVC 90°	10	1" (25mm)	2" (51mm)	70 A	2	BL, BU & WH	-5°	210°	Yes
		11	1.5" (38mm)	2.2" (56mm)	70 A	2	BL, BU & WH	-5°	210°	Yes
		12	2" (51mm)	2.4" (60mm)	70 A	2.5	BL, BU & WH	-5°	210°	Yes
		14	3" (76mm)	2.8" (72mm)	70 A	2.5	BL & WH	-5°	210°	Yes
		16	4" (102mm)	3.2" (81mm)	70 A	2.5	BL & WH	-5°	210°	Yes
	PVC 60°	14	2" (51mm)	2.9" (72mm)	70 A	2.5	BL & WH	-5°	210°	Yes
		17	3" (76mm)	3.4" (86mm)	70 A	2.5	BL & WH	-5°	210°	Yes
	TPU 90°	3	.5 - 6" (12 - 152mm)	.63" (16mm)	45 D	1.75	BU & TA	-20°	180°	Yes
		8	.5 - 6" (12 - 152mm)	1.3" (34mm)	92 A	1.5	BD, BG, BL, BS & WH	-22°	175°	Yes
	TPU 75° & 90°	4	.5 - 6" (12 - 152mm)	.75" (19mm)	92 A	1.75	BD, BG, BL, BS & WH	-22°	175°	Yes
7		.5 - 6" (12 - 152mm)	1.1" (29mm)	45 D	1.75	BU & WH	-20°	180°	Yes	
TPU 80° Scoop	4	3 - 6" (76 - 152mm)	.75" (19mm)	92 A	5.75	BD, BG, BL, BS & WH	-22°	175°	Yes	
	7	3 - 6" (76 - 152mm)	1.1" (29mm)	45 D	5.75	BU	-20°	180°	Yes	
TPH Cleats	COPE 90° L	3	.5 - 6" (12 - 152mm)	1.2" (30mm)	63 D	1.5	NA	-5°	212°	Yes
		4	.5 - 6" (12 - 152mm)	1.3" (33mm)	63 D	1.5	NA	-5°	212°	Yes
	COPE 90° T	3	.5 - 4" (12 - 102mm)	1.7" (44mm)	63 D	1.5	NA	-5°	212°	Yes
		4	.5 - 4" (12 - 102mm)	1.9" (47mm)	63 D	1.5	NA	-5°	212°	Yes
PowerFlight™	PVC 65° & 90°	11	1 - 4" (25 - 102mm)	2.2" (56mm)	80 A	3	BL & GR	-5°	210°	No
	TPU 65° & 90°	11	1 - 4" (25 - 102mm)	2.2" (56mm)	92 A	3	BS	-22°	175°	Yes
Thick Cleats	TPU 90°	12	.5 - 4" (12 - 102mm)	2" (51mm)	92 A	1.5	BD, BG, BL, BS & WH	-22°	175°	Yes
					45 D	1.5	BU & TA	-20°	180°	Yes
		16	.5 - 4" (12 - 102mm)	2.6" (65mm)	92 A	1.5	BD, BG, BL, BS & WH	-22°	175°	Yes
					45 D	1.5	BU & TA	-20°	180°	Yes
	TPU 90° L	12	.5 - 4" (12 - 102mm)	2.6" (65mm)	92 A	1.75	WH	-22°	175°	Yes
					45 D	1.75	BU & TA	-20°	180°	Yes
		16	.5 - 4" (12 - 102mm)	3.1" (79mm)	92A	1.75	WH	-22°	175°	Yes
					45 D	1.75	BU & TA	-20°	180°	Yes
	TPU 90° T	12	.5 - 4" (12 - 102mm)	3.1" (79mm)	92 A	2	WH	-22°	175°	Yes
					45 D	2	BU & TA	-20°	180°	Yes
16		.5 - 4" (12 - 102mm)	3.7" (93mm)	92 A	2	WH	-22°	175°	Yes	
				45 D	2	BU & TA	-20°	180°	Yes	

Custom Engineered Solutions

- Curved Cleat
- Hemp Shredder
- Loop Cleat
- Siped Cleat

Mini Cleat Options

- Cut-downs
- MC Top Cover Profile
- V-Guide Cleats

Cleat Colors	
BD	Cobalt Blue
BG	Blue/Green
BL	Black
BS	Sky Blue
BU	Blue
GR	Green
NA	Beige
TA	Tan
WH	White

Call to learn more about these and other custom solutions for your conveyance needs.

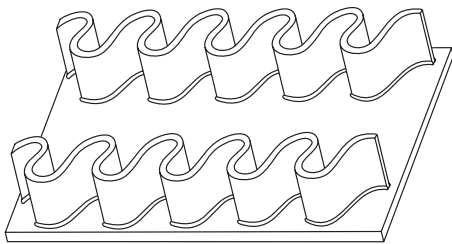
Fabrication Capabilities

Mol Belting's PVC and PU sidewalls are one of our ThermoGienic™ fabrications. Footless sidewall comes standard at Mol Belting.



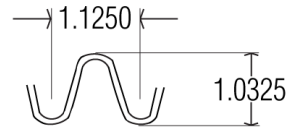
Sidewall

Our sidewalls are available in solid polyurethane and fabric reinforced PVC. Standard heights are 1" to 4".

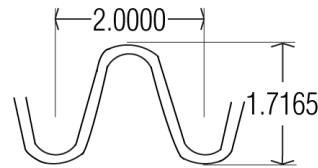


PU

SMALL PITCH PU

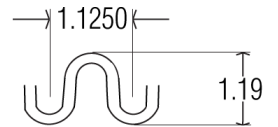


LARGE PITCH PU

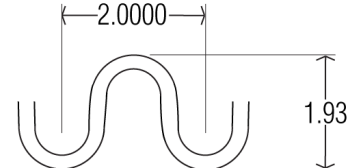


PVC

SMALL PITCH PVC



LARGE PITCH PVC



Sidewall Colors		Compound
BD	Cobalt Blue	PU
BG	Blue/Green	PU
BL	Black	PVC
BS	Sky Blue	PU, PVC
BU	Blue	PU
WH	White	PU, PVC

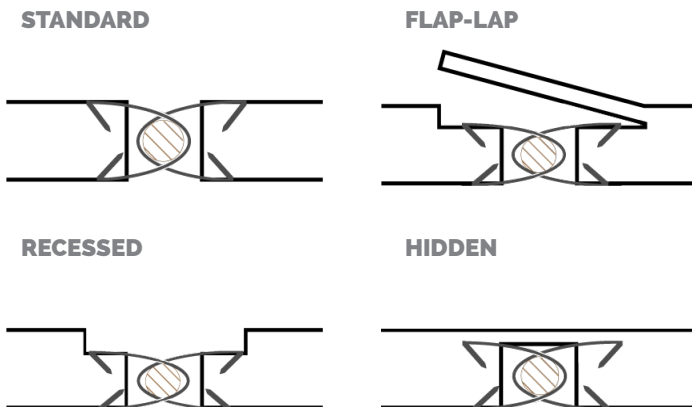
Height Options	PU Sidewall				PVC Sidewall			
	Small Pitch 2mm Thick		Large Pitch 2.75mm Thick		Small Pitch 4mm Thick		Large Pitch 5mm Thick	
	Forward Bend	Back Bend	Forward Bend	Back Bend	Forward Bend	Back Bend	Forward Bend	Back Bend
1" (25mm)	1.6	4.0	1.7	4.0	1.3	5.4	1.5	4.8
1.25" (32mm)	2.0	4.9	2.1	5.0	1.7	6.8	1.9	6.0
1.5" (38mm)	2.4	5.9	2.6	6.0	2.0	8.1	2.3	7.2
1.75" (44mm)	2.8	6.8	3.0	6.9	2.4	9.5	2.7	8.4
2" (51mm)	3.3	7.7	3.5	7.9	2.8	10.9	3.1	9.6
2.25" (57mm)	3.7	8.7	3.9	8.9	3.1	12.2	3.5	10.8
2.5" (64mm)	4.1	9.7	4.4	9.9	3.5	13.6	3.9	12.0
2.75" (70mm)	N/A	N/A	4.8	10.9	N/A	N/A	4.3	13.2
3" (76mm)	N/A	N/A	5.3	11.9	N/A	N/A	4.7	14.4
3.25" (83mm)	N/A	N/A	5.7	12.8	N/A	N/A	5.1	15.4
4" (102mm)	N/A	N/A	7.1	15.8	N/A	N/A	6.3	19.2

V-Guides

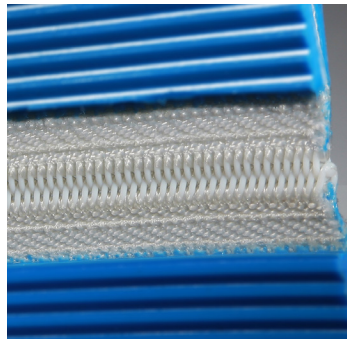
V-guide material can be used as tracking guides on the bottom of the belt. They also can be placed along the top of the belt across width or length.

Lacing Styles

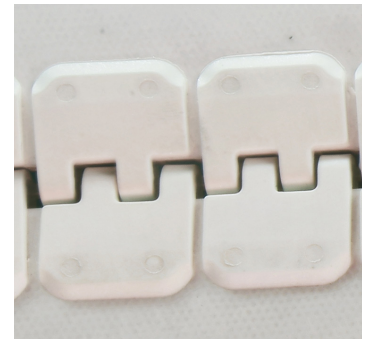
Fabrication possibilities include standard style, flap-lap, hidden lace, and recessed lacing.



SPIRAL LACE



PLASTIC STAPLE LACE



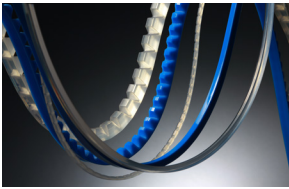
Plastic mechanical fasteners installed in a belt are available in Spiral Plastic Lace and Plastic Staple Lace. Thermoking Hingle Lace is available on Thermoking belt types.



GUIDE

Guide Benefits

- Tracking
- Load Support
- Improved Belt Life
- Reduced Edge Fray
- Product Containment



Guide Colors	
BG	Blue/Green
BL	Black
BS	Sky Blue
BU	Blue
CL	Clear
WH	White

Guide Options

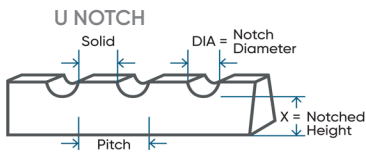
We offer many different sizes and colors of solid and notched guides. Most guides are tapered at the bottom. This is called a v-guide.

The size of a v-guide is mostly determined by the grooves in the pulleys or slider bed of your conveyor. Depending on placement, this may also impact the center or indent of the v-guide(s). Generally, your v-guide should have 4mm of clearance on each side of the groove for pulleys and 2mm of clearance on each side for slider beds. V-guide is commonly cut down or notched to reduce flex fatigue on the top cover, which can cause cracking. When cracking occurs, there may be a minimum pulley violation. Contact [Mol Belting](http://MolBelting.com) for more information.

V-Guide Specifications

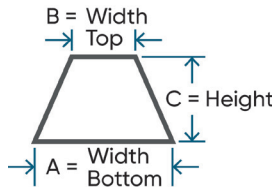
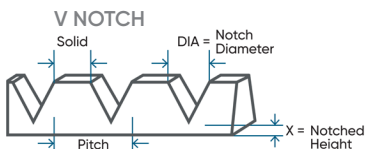
PVC Guide

- Sizes: K6 to K30 or 000 to D
- Colors: White, Black, Sky Blue, and Blue/Green
- Notch: Round "U"
- Durometer: 80 Shore A
- COF: .546



PU Guide

- Sizes: K6 to K30 or 000 to D
- Colors: Clear, Blue/Green, Blue, and Black
- Notch: Deep "V"
- Durometer: 40 Shore D
- COF: .672

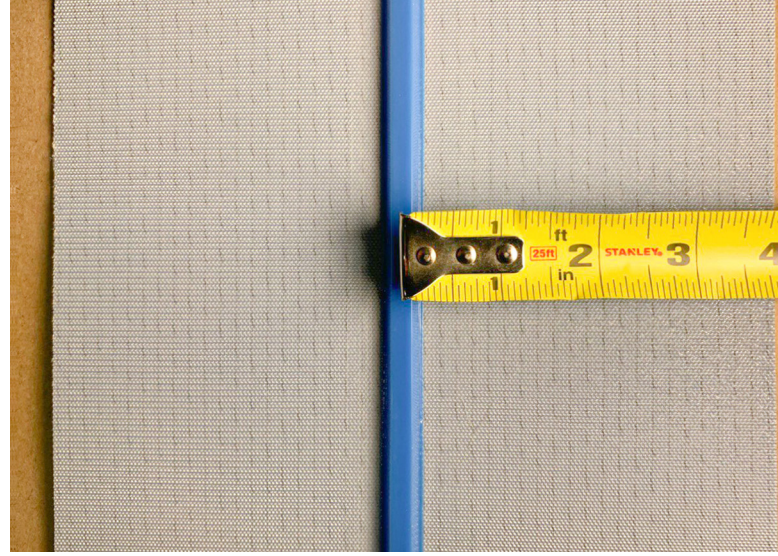


Call 1-800-729-2358 today to order your next guide belt!

V-Guide Data													
Stocked European Section	Nearest US Equivalent	Dimensions (mm)					Minimum Pulley (in)				Colors Available		
		A	B	C	X U-Notch	X V-Notch	PVC Solid	PVC U-Notch	PU Solid	PU V-Notch	PVC	PU	
K6	000	6	4	4	2.2	2.2	.5	.5	.5	.39	White	Clear	
K8	00	8	5	4	3.6	1.6	1.63	.75	1.75	.63	Black, Blue/Green, White	Blue, Clear	
K10	0	10	6	5	4.3	1.6	2.39	1	2.5	.83	Black, Blue/Green, White	Black, Blue/Green, Blue, Clear	
K13	A	13	8	6	5.8	1.6	2.83	1.5	3	1.18	Black, Blue/Green, White, Sky Blue	Blue/Green, Blue, Clear	
K17	B	17	11	9.5	7.9	1.6	4.75	2.5	5	2	Black, White	Black, Blue, Clear	
K22	C	22	15	11	10.8	1.6	5.75	3.5	6	3.5	Black, White	Clear	
K30	D	30	18	13	11.5	1.6	7.75	5	8	5	White	Clear	

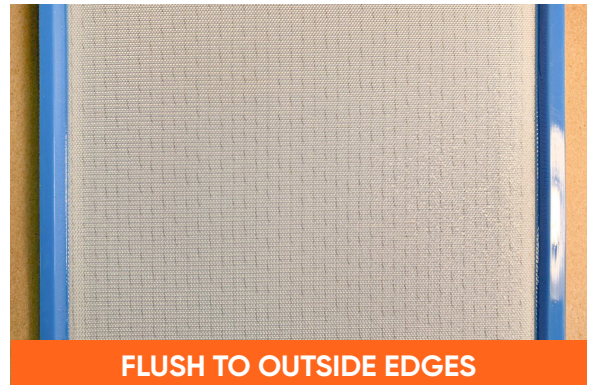
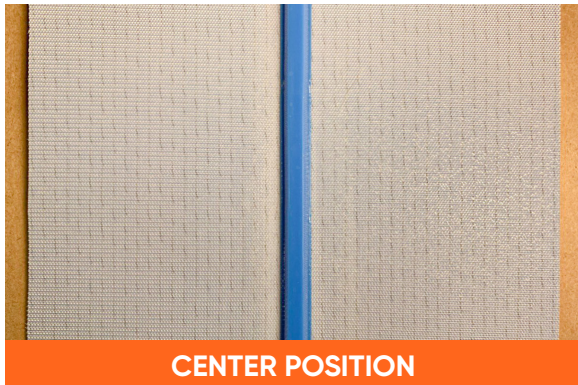


Perfecting Motion™



Guide Placements

There are several ways to designate where you would like a guide to be placed on a conveyor belt. The most common positions for guide depend on the number of guides on the belt. A conveyor belt with a single guide down the middle is called *center position*, or *CPS*. When multiple guides are present, *flush to outside edges* is used to indicate there will be a guide at each lateral edge of the belt. All other measurements are indicated by either an *indented* distance from the center of a guide to the edge of the belt, or a *center-to-center* measurement between two guides.



The same terms apply whether you add guide to the top or bottom of a belt, although guide is more commonly used on the bottom of a belt. For belts that have a cover on one side and fabric on the other, the fabric side is usually considered the bottom.

Need more information about our v-guides?

We are happy to assist! Please email sales@molbelting.com or call 1-800-729-2358.

