

**Mi CONVEYANCE
SOLUTIONS®**
MiConveyanceSolutions.com



Large Distribution Center
SOLUTIONS BROCHURE



Package Handling **Process**

Moving Forward

From live roller and incline conveyors to merge-and-divert conveyors, Motion Conveyance Solutions understands the complexity each application requires to ensure maximum life and product performance in your distribution center.

Offering Features

Improved Delivery

Locally Committed Inventories

Ease of Ordering

24-Hour Service

The Solutions You Need with Service You Can Trust

When there is product on the move, you need something reliable that will stand up to long run times. Whether you're moving paper-based containers or something more durable like plastic, Motion Conveyance Solutions has the conveying products you need.

Live Roller Conveying

Merge/Accumulation

Incline/Decline

Induction

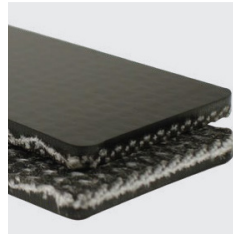
High-Grip Conveying

General Conveying

Diverter

Gapper

Lightweight Belting Solutions



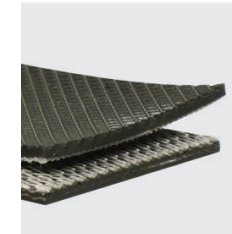
#5045: PVC 120 BLK COS

- General Conveying
- Horizontal Conveying
- Economical Conveying



#4391: TM120RT-B

- General Conveying
- Horizontal Conveying
- Economical Conveying



#4395: 2PM5LK-NP

- Friction Cover
- Negative Pyramid
- Whisper Weave Fabric



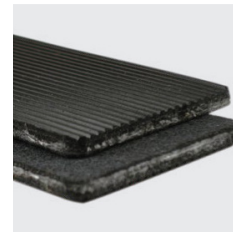
#4390: PHR-135-BBXBB

- Accumulation/Merge
- Bare Bottom
- Horizontal Conveying



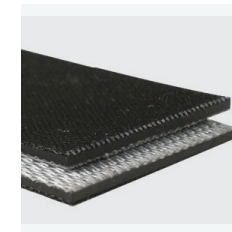
#5040: PVC 120 BLK FBS

- Low Friction
- Horizontal Conveying
- Accumulation/Merge



#4340: TM120LR-B

- Friction Cover
- Longitudinal Groove
- Non-Woven



#4128: 2PM10BLK-BBXBB

- Accumulation/Merge
- Bare Cover
- Whisper Weave Fabric



#4126: PHR3-200 BBXBB

- Accumulation/Merge
- Bare Bottom
- Horizontal Conveying



#4321: PVC 120 BLK R/T

- Incline/Decline Conveying
- Rough Top Cover
- Economical Conveying



#4136: TIM120FBS-B

- Low Friction
- Accumulation/Merge
- Non-Woven



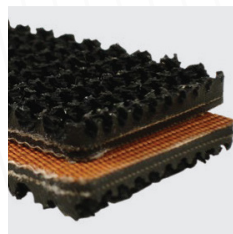
#4141: 2PM8BLK-COS MAT

- Matte PVC Cover
- Bare Bottom
- Horizontal Conveying



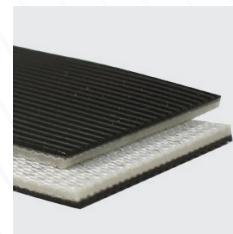
PHR3-265 BBXBB

- Accumulation/Merge
- Bare Bottom
- Horizontal Conveying



#4301: 2PLY 150 BLK R/T

- Incline/Decline Conveying
- Rough Top Cover
- Abrasion Resistant



#4328: 2PM10BLK-LG

- Friction Cover
- Longitudinal Groove
- Whisper Weave Fabric



NHM-10EKBV

- Matte PVC Cover
- Bare Bottom
- Horizontal Conveying



FL750 - TA-12BK

- TPU
- Segmented Conveyors
- Elastic TPU



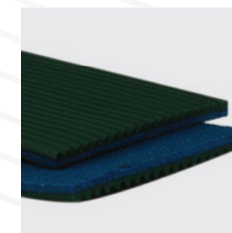
#4339: 2PLY 100 RED LG

- Incline/Decline Conveying
- Rubber Cover
- Very Abrasion Resistant



#4393: 2PM10BLK-NP

- Friction Cover
- Negative Pyramid
- Whisper Weave Fabric



SNTC

- Induction Belts
- High-Grip Cover
- Elastic TPU



TC

- TPU
- Segmented Conveyors
- Elastic TPU

Belt-Driven **Roller Conveyors**

Distribution centers, warehouses, fulfillment centers, cross-dock facilities, and delivery centers are always on the move. Various belting applications are integral to these package handling facilities, and Motion Conveyance Solutions offers unique solutions up to the challenge of constant runtime.

Locally Committed Inventories

Flexco® Aero 325 Press



- 110 V power, quickly cycles up to temperature
- Cooled by air
- 12–19 minute cycle time
- Reduces replacement time by almost 45 minutes

45 mm Press - **Mi Item #: 08905191**

77 mm Press - **Mi Item #: 08544270**

Flexco® Pun M NDX Cutter



- Delivers precision with every cut
- Prepare belt ends in 3–5 minutes
- Fully automatic indexing for easy and accurate preparation
- Cuts up to 200 mm wide belts

114 mm Cutter - **Mi Item #: 09658210**

200 mm Cutter - **Mi Item #: 09658212**

NoviTool RedDrive Workstation



- Will hold up to 52" diameter roll of belt
- Will allow you to dispense the belt from the unit
- Adjustable back plate to keep belt roll aligned
- Drawers to hold each silicone template

Workstation Only - **Mi Item #: 14232969**

RedDrive® 45 mm

Exclusive to Motion Conveyance Solutions, the 45 mm RedDrive belt was developed to replace the commonly used blue drive belt. With increased strength and a harder surface, RedDrive boasts improved flexibility and better grip than the blue drive belt. Our improved belt can be spliced with existing equipment or can be equipped with a 200 mm long splice for ease of installation.

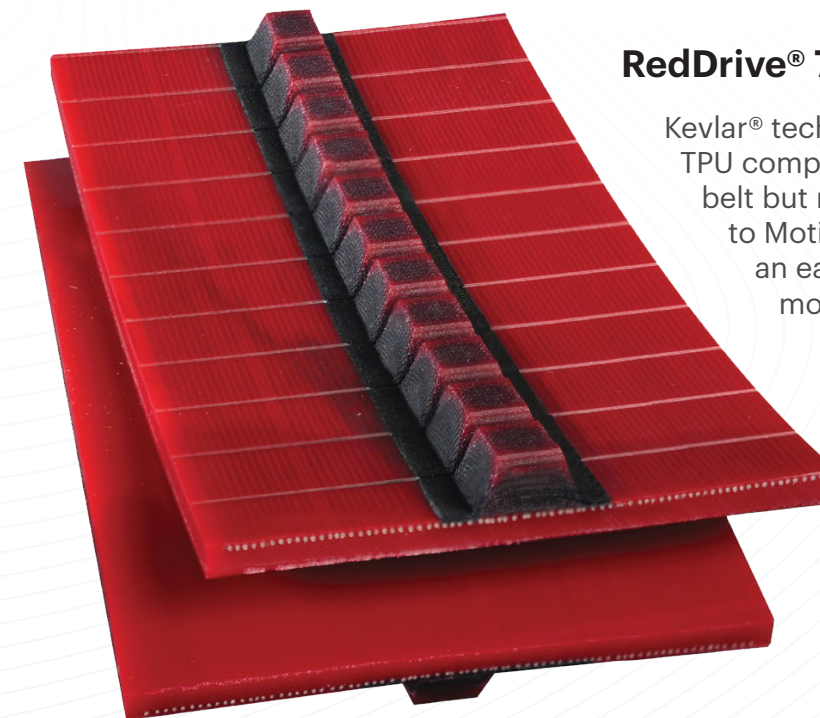
Mi Item #: 08544550



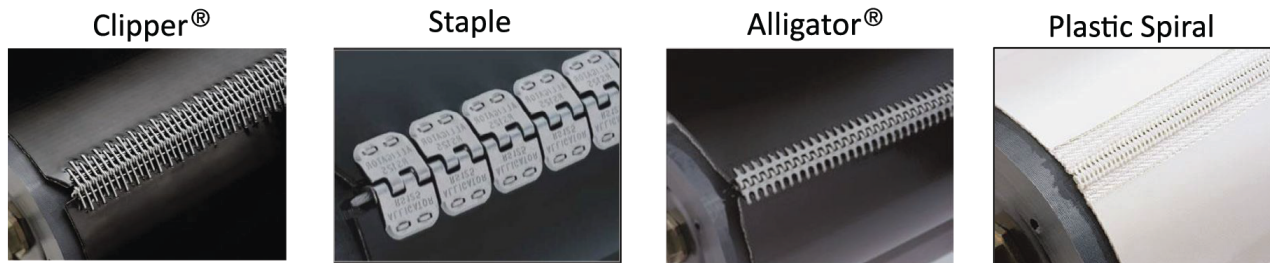
RedDrive® 77 mm

Kevlar® technology, combined with a more durable TPU compound, not only delivers a stronger, lighter belt but requires 25% less tension to drive. Exclusive to Motion Conveyance Solutions, this belt delivers an easier splice, is less noisy, and is 30–40% more durable than the OEM product.

Mi Item #: 08544369



Lacing and Fasteners



FASTENER AND PIN SIZE SELECTION CHART									
MINIMUM PULLEY DIAMETER	WIRE DIAMETER		BELT THICKNESS						
	IN.	MM	UP TO 3/64" (0.047")	1/16" (0.063")	3/32" (0.093")	1/8" (0.125")	5/32" (0.156")	3/16" (0.188")	7/32" (0.219")
15/16"	0.03	0.06	25SP						
24 mm	0.03	0.06	25*						
	0.036 x 0.027	0.9 x 0.7	UCM36SL XSP						
	0.036 x 0.027	0.9 x 0.7		UCM36SL SP					
	0.036 x 0.027	0.9 x 0.7	UCM36 XSP						
	0.036 x 0.027	0.9 x 0.7		UCM36 SP*					
	0.04	1.0		36 SP*					
	0.04	1.0		1 XSP*					
	0.036 x 0.027	0.9 x 0.7		UX-1 SP*					
2"	0.036 x 0.027	0.9 x 0.7			UCM36*				
51 mm	0.036 x 0.027	0.9 x 0.7			36*				
	0.04	1			1 SP*				
	0.036 x 0.027	0.9 x 0.7				UCM36 LP*			
	0.04	1				1*			
	0.04	1				UX-1*			
	0.05	1.4				U2 SP			
	0.05	1.4				2SP			
	0.05	1.4						U2	

ALLIGATOR READY SET STAPLE FASTENER SELECTION GUIDE						
FASTENER SIZE	FOR BELTS WITH MECHANICAL FASTENER RATING UP TO:		BELT THICKNESS RANGE		RECOMMENDED MINIMUM PULLEY DIAMETER	
	PIW	KN/M	IN.	MM	IN.	MM
62	100	17	1/16-1/8	1.5-3.2	2	50
125	160	28	1/8-3/16	3.2-4.8	3	75
187	200	35	3/16-1/4	4.9-6.4	4	102

ALLIGATOR CONVEYOR BELT LACING SELECTION GUIDE								
LACING SIZE	FOR BELTS WITH MECHANICAL FASTENER RATING UP TO:		BELT THICKNESS RANGE		RECOMMENDED MINIMUM PULLEY DIAMETER		APPROX. CORRUGATED HINGE PIN DIAMETER	
	PIW	KN/M	IN.	MM	IN.	MM	IN.	MM
0	25	4.3	Up to 1/16	Up To 1.6	1	25	3/64	1.2
1	45	7.8	1/16-3/32	1.6-2.4	1 - 1/2	38	1/16	1.6
7	50	9.7	3/32-9/64	2.4-3.6	2	51	1/16	1.6
15	65	11.4	1/8-5/32	3.2-4.0	2 - 1/2	64	3/32	2.4
20	95	16.6	5/32-3/16	4.0-4.8	3	76	7/64	2.8
25	100	17.5	3/16-7/32	4.9-5.6	4	102	1/8	3.2
27	100	17.5	7/32-9/32	5.6-7.1	5	127	1/8	3.2

*Special installation of plastic spiral lacing available through our fabrication centers.

Flexco® Installation Tools and Accessories

Whether your application dictates your lacing style or you have a preferred style, there are many tools and accessories to ensure your lacing gets installed with accuracy and efficiency.



Clipper® Roller Lacer Features and Benefits



Expect More with **Motion**

Less Stress, More Uptime

With Motion Conveyance Solutions, a single PO can cover multiple applications and product lines—helping reduce overhead and paperwork. It also makes qualifying for freight discounts easier, significantly reducing transportation costs.

With local inventory in our 40+ belt shops throughout the US, we are dedicated to your business with service available 24/7. As your partner, Motion Conveyance Solutions can consolidate your supplier base and increase efficiencies—all while dramatically reducing your downtime.

Plus, Motion OEM part numbers and products have already been identified on almost everything.

Proven Experience

- Experts who understand your challenges
- A partner committed to your success 24/7/365
- A proven market leader with a global reach
- 75+ years of dedication to quality products tested and proven to withstand the toughest applications

After Hours

Available 24/7/365

Over 600 Locations

Access to All Motion Products

Motion Subject Matter Experts

Transportation Experts





Motion Conveyance Solutions—
**Belting, Hose, Gaskets, Seals, Urethane,
and Custom Cut Parts**

Scan Here

To find shops and services closest to your location.

