

MATERIAL HANDLING SOLUTIONS

MOVEMENT

SPEED

PROTECTS

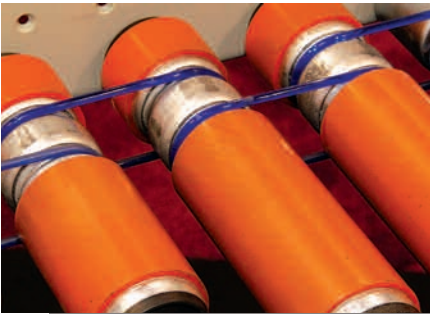
QUIET



Kastalon revolutionized the material handling industry

over 20 years ago with the introduction of **Koat-A-Roll** conveyor components. The Koat-A-Roll® family of products are **revolutionary non-marking, rugged “slip-on” polyurethane covers** that **convert standard conveyor parts into premium components**. These sleeves and tires **provide cushioning protection** from marring, denting, and other forms of conveying damage.

Independent studies have established a **6-decibel reduction in overall noise levels** as a result of covering conveyor rollers with Koat-A-Roll. They **absorb impact, shock, and vibrations** that accompany normal conveyor use and have proven to **reduce overall conveyor maintenance**.



KOAT-A-ROLL®

Best known as “**The Orange Sleeves**” Koat-A-Roll’s® high friction surface provides for more secure conveying at steeper angles, greater elevations and higher speed movement offering a practical alternative to belt or vertical systems. When bonded, Koat-A-Roll greatly increases the effectiveness of driver and diverter rollers.

Koat-A-Roll conforms to FDA 21 CFR 175.105, 177.1680, 177.2600 and meets the 3-A Sanitary Standards for Multiple-Use Materials Used as Product Contact Surfaces for Dairy Equipment Number 20-15 testing requirements and is subject to the limitation of these and any other regulations.

Koat-A-Roll is stocked in 83 Shore A Safety Orange & Black, 90 Shore A Green Polyurethane and “High-Temp” sleeves. Stock sizes include sleeves for 1-inch to 4-inch diameter rollers in 1/8" wall thickness (also 1/4" wall thickness for the most common sizes). Available in 10-foot lengths for field installations or can be custom cut and/or installed by Kastalon technicians. Additional sizes, wall thicknesses, colors and hardnesses can be supplied as a special order.



KOAT-A-WHEEL®

Koat-A-Wheel® **skate wheel tires** are an effective, low cost method to convert standard skate wheels into superior protective components. In addition to standard skate wheel conveyors, Koat-A-Wheel is often used for:

- Guide rails
- Press aprons
- Hold down wheels
- Package diverter components
- “Live” feed tables
- Idler wheels

Koat-A-Wheel is stocked in 83 Shore A Safety Orange Polyurethane for standard 1.93" (1/8" tire thickness) and 1.53" (1/8" and 1/4" tire thickness) diameter skate wheels. Also available in complete tire/skate wheel assemblies.

VINYL-KOAT®

Vinyl-Koat® is a **P.V.C. roller covering** that is a simple, cost-effective alternative to dip coating. With its smooth, uniform 1/8" wall thickness, Vinyl-Koat eliminates the inconsistent thickness and surface irregularities (drips, runs and sags) of dip coating. Secondary machining and bearing contamination are also eliminated as Vinyl-Koat is quickly installed over assembled rollers.

Vinyl-Koat's excellent chemical resistance makes this material especially attractive for corrosive and hostile environments, e.g. battery changers or automated washing systems.

Vinyl-Koat is stocked in 60 Shore A Gray for for 1.90" and 2.50" rollers and in 90 Shore A Blue for 2.50" rollers. The 60-A material is U.S.P.S. approved for postal system conveyors. The 90-A is tougher and better suited for heavier duty conveyors, such as battery handlers. Additional Vinyl-Koat sizes, colors, hardnesses and wall thicknesses are available on a special order basis.

POLYSKATE®

PolySkate® **solid polyurethane skate wheels** are furnished with an integral plastic bearing and mounting hardware. **PolySkate** wheels cushion loads and are non-marking. Softer wheels have the greatest friction and conformability and can also be used as brake rollers for heavier loads. Harder wheels reduce rolling resistance. **PolySkate** wheels are standard in 85 and 95-A hardness polyurethane. PolySkate is also available in nylon, delrin, polypropylene or other thermoplastic materials on special order.



REDUCE NOISE, ABSORB IMPACT and SHOCK EXTEND LIFE OF CONVEYOR COMPONENTS



KWIK-TAPERS®

Kwik-Taper® conveyor sleeves convert a standard straight roller to a high traction, high performance urethane roller. The rugged non-scratching high friction surface allows for better tracking and unsurpassed component life. Available in heavy-duty solid urethane and **Kast-A-Lite™** for lightweight conveying. Standard stock sleeves available in 6" to 48" lengths for standard 41-1/2" inside radius; additional sizes and tapers available as a special order.



INSTALLATION COMPONENTS

Koat-A-Roll®, Vinyl-Koat® and Kwik-Tapers® can be quickly and easily installed in your facility by your own personnel. To assist in your installation, Kastalon offers **K-Lube® assembly lubricant**, 3580 Bond and uniquely engineered installation **K-Nozzles™**. An instructional video and expert advice are available to assist your technicians. Kastalon also offers quick turnaround for "turnkey" installations and custom cutting.



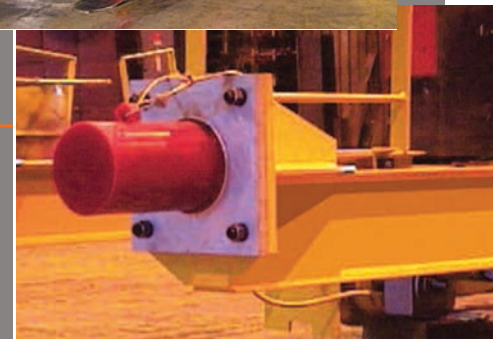
FORK-KUSHIONS® LIFT TRUCK BUMPERS

This innovative solution to damage control integrates a unique low profile design with dynamic wear properties of polyurethane to equip a lift truck with a **high value bumper system**. Fork-Kushions® provide cushioning protection from marring, denting and other forms of damage. They are mounted directly to the upright face of the fork utilizing specifically designed permanent mounting brackets. **Fork-Kushions** are available in unique styles from ultra-soft to maximum firmness for every material handling environment.



CRANE BUMPERS

Affording physical properties that surpass ordinary materials, Kastalon Polyurethane® **Crane Bumpers** have set new standards for performance and durability. They are tough, resilient, economical and last up to 50 times longer than hydraulic, spring, rubber and wood bumpers. Available in both US & European configurations in sizes ranging from small machine stop applications to massive shipyard cranes, these bumpers meet all requirements of OSHA, CMAA, ANSI and AISE. **Kastalon Bumpers** are not affected by oil, grease, aging, dirt, temperature changes or environmental extremes and are approved for use on US Navy nuclear fueling cranes and nuclear powerhouses.

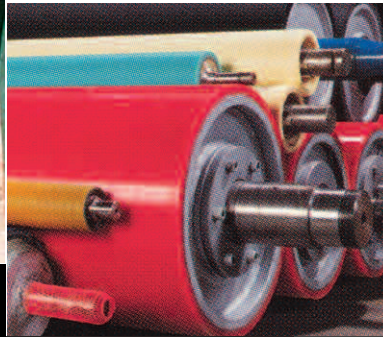
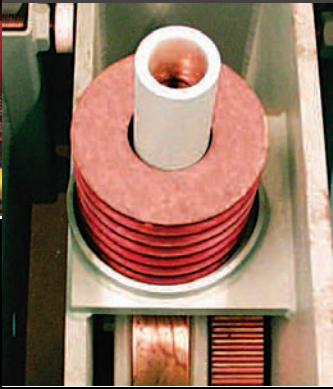
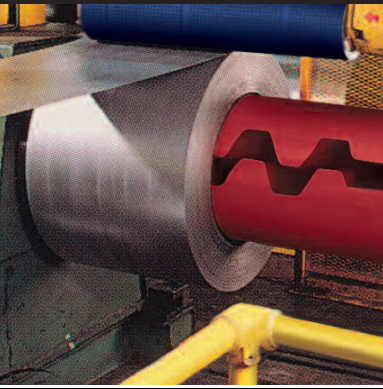
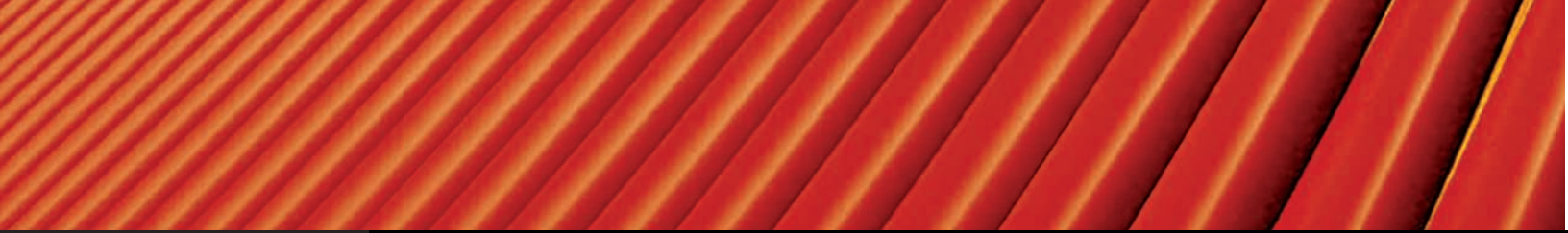


FLOOR PADS

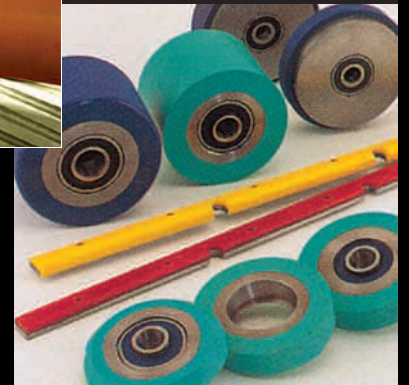
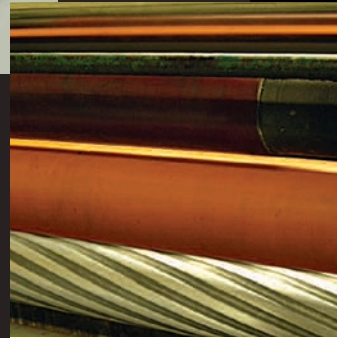
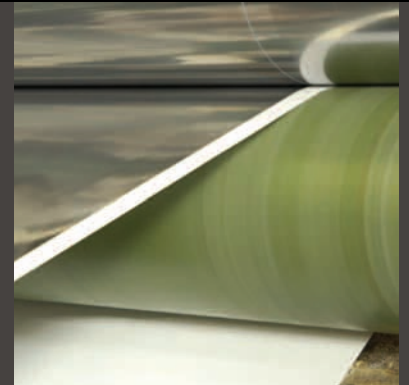
Kastalon Polyurethane® **Coil Floor Pads...**

- Eliminate coil damage from uneven floors
- Eliminate floor damage from coil set downs
- Available with oil collection reservoirs
- Intended to be used with steel, aluminum, copper, brass or stainless coils





**MATERIAL HANDLING
INDUSTRY
OF AMERICA®**



KASTALON®
polyurethane products

4100 West 124th Place / Alsip, Illinois 60803
708.389.2210 / FAX: 708.389.0432
1.800.KASTLON (527-8566)
www.kastalon.com

EX-MK-5841