

**REPRESENTATIVES OF
BAILEY-PARKS IN THE UNITED STATES**

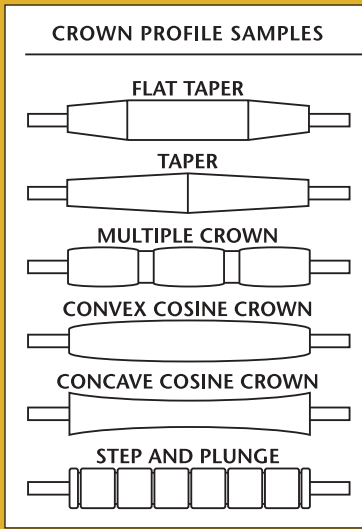
Don Counts	Illinois, Kansas, Iowa, Kentucky, Oklahoma, Indiana, Missouri, Nebraska, Arkansas, Wisconsin, Minnesota, North & South Dakota, Upper Michigan, Texas, Louisiana
Jay Russ	Ohio, Lower Michigan, Western Pennsylvania, Western West Virginia, Southwestern New York
Dick Farrell	Arizona, California, Colorado, Oregon, Nevada, Utah, Washington
Open	North & South Carolina, Georgia, Alabama, Middle & East Tennessee, Florida

Call 1-800-238-7638 to contact any of the above representatives or for information about other areas in the United States serviced by Bailey-Parks.

"But if any man love God, the same is known of him."

I Corinthians 8:3

**BAILEY-PARKS
URETHANE
ACCEPTS
VISA AND
MasterCard**



Listed at left are some of the types of tapers that we can produce on our programmable grinding head. If you don't see the configuration you desire, please telephone either Mike Powell or John Richards for additional variations.



Bailey-Parks Urethane

NOTICE:

"Don't pay too much for your shipping...."
Please contact Bailey-Parks Urethane, Inc. for a quotation on your freight costs. Because of BPU's freight volume from Memphis, TN., a major distribution hub, we have negotiated some substantial cost reductions for our (YOUR) freight costs. This also includes less transit time for most of your shipments!

The President's Perspective

Greetings! I certainly do hope things are well with you!

As I write, the NCAA basketball tournament is in full swing. I don't know about you, but I am captivated by the entertainment, drama, and surprise that "March Madness" provides. Each year the tournament begins with sixty-four teams, all chasing the same prize. When the dust settles, only one team survives, undefeated, and crowned "The Champion!" That team, "The Champion," is invariably the one whose players perform best together, day in and day out. Its teammates get along with one another, understand their collective roles, and work together to get the job done. Oh, and they are most likely pretty talented, too! This, I think, is a pretty good analogy to business, and in particular, success in business.

Take the aforementioned elements, add in a good game plan, and you have the makings of a really tough team to beat. Each of us, I believe, desires to be *the* team to beat in our given field! In the world of business this is a difficult task. We all have plenty of competition and there are factors beyond our control. However, if we handle those things that are in our control consistently well the possibility of success increases dramatically.

One of the most necessary pieces of the business success puzzle is the one labeled "Supplier". I know that here at Bailey-Parks

Urethane, we have allied ourselves with supplier companies whose products and services add maximum value to *our* products and services. This in turn helps us offer you, our customer, maximum value in each area of service or product we provide. As a supplier we have an obligation to provide you with our very best! After all, you can be only as good as the product you sell, or service you provide. When you buy from us you can be assured that we stand behind our products! We do this because it is the only way we know how to conduct business. Because we stand behind our products we know they have to be what they are represented to be. This means, for you, no unpleasant surprises. After all, this is what we expect from *our* suppliers!

Thank you for the opportunity to be involved in your business success! Please let us know how and when we can serve you!

Best Regards,

Scott Bailey

**Bailey-Parks Urethane
IN THE LOOP**

BAILEYPARKS.COM

SPRING 2006



Rollin' On The River
BP'S ROLLER DEPARTMENT



Mike Powell, Manager

I am Mike Powell, vice president and manager of the Bailey-Parks Roller Division. I have been with BP since 1971, two years after the company was founded in 1969 as Polyurethane Products in Memphis, TN.

Today through our innovative engineering capabilities we have expanded to provide many forms of roll manufacturing such as coater rollers for the steel and aluminum coil coating industry, printing rollers, conveyors and numerous other industrial type rollers. If we haven't already produced what you need we will research with you and customize what you require.

In the beginning years we had a very small work crew and each of us did many jobs from sweeping the floor to stripping cores, grinding and finishing.

Our first order was from Fairmont Railway Company in Fairmont, MN. We supplied hubs and covers for some equipment they were building. Our next customer was covering rollers for the Evans Plywood Products Company in Memphis, and the Masonite Corporation in Laurel, MS. The confidence these early friends showed in us over the years has grown and sustained BP for over thirty-five years.

We look forward to our continued service to our loyal and satisfied customers as well as added new opportunities with new customers. If I can be of any service to you please call me direct at 800-238-7638, Ext. 117. Thank you for the privilege of serving you these past 35 years. We are excited about what the future holds for your company and Bailey-Parks.

HEADLINES

- BP'S ROLLER DEPARTMENT
- REALLY GOOD SHOW
- DIAMONDBACK® URETHANE PRODUCTS
- BP'S U.S. REPRESENTATIVES
- BP'S URETHANE SALES STAFF
- ATTENTION UTILITY COMPANIES
- CROWN PROFILE SAMPLES
- SHIPPING NOTICE
- ATTENTION MANUFACTURERS
- THE PRESIDENT'S PERSPECTIVE

ROUTING

- PURCHASING
- SALES
- ENGINEERING
- MANAGEMENT



**ROLLIN'...
ROLLIN'...
ROLLIN'...**



**...where the Spirit of the
LORD is, there is
LIBERTY.
2 Corinthians 3:17**



Bailey-Parks Urethane
184 Gilbert Avenue • Memphis, TN 38106

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**ATTENTION...PLYWOOD...
PARTICLEBOARD...COIL COATER
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Katrina and Other Catastrophic Storms have caused your company to work around the clock to get your product to its point of need ASAP.

Don't let Roller Cover Needs Slow You Down!

Call Bailey-Parks Urethane for your Clipper, Sander and Coil Coater Recover Products.

BP will guarantee you quick turn around time at competitive pricing.

**Call: Mike Powell or John Richards
1-800-238-7638 Ext 117 or 130
For Pricing and Delivery Information**



Back Row Left to Right: Elcardo Howard; Mike Powell; Willie Shiels; Russell Jackson.
Front Row Left to Right: Jake Wisithaphong; John Richards; Pat Yongpaseuth; Sam Kahammavong; John Brownlee.

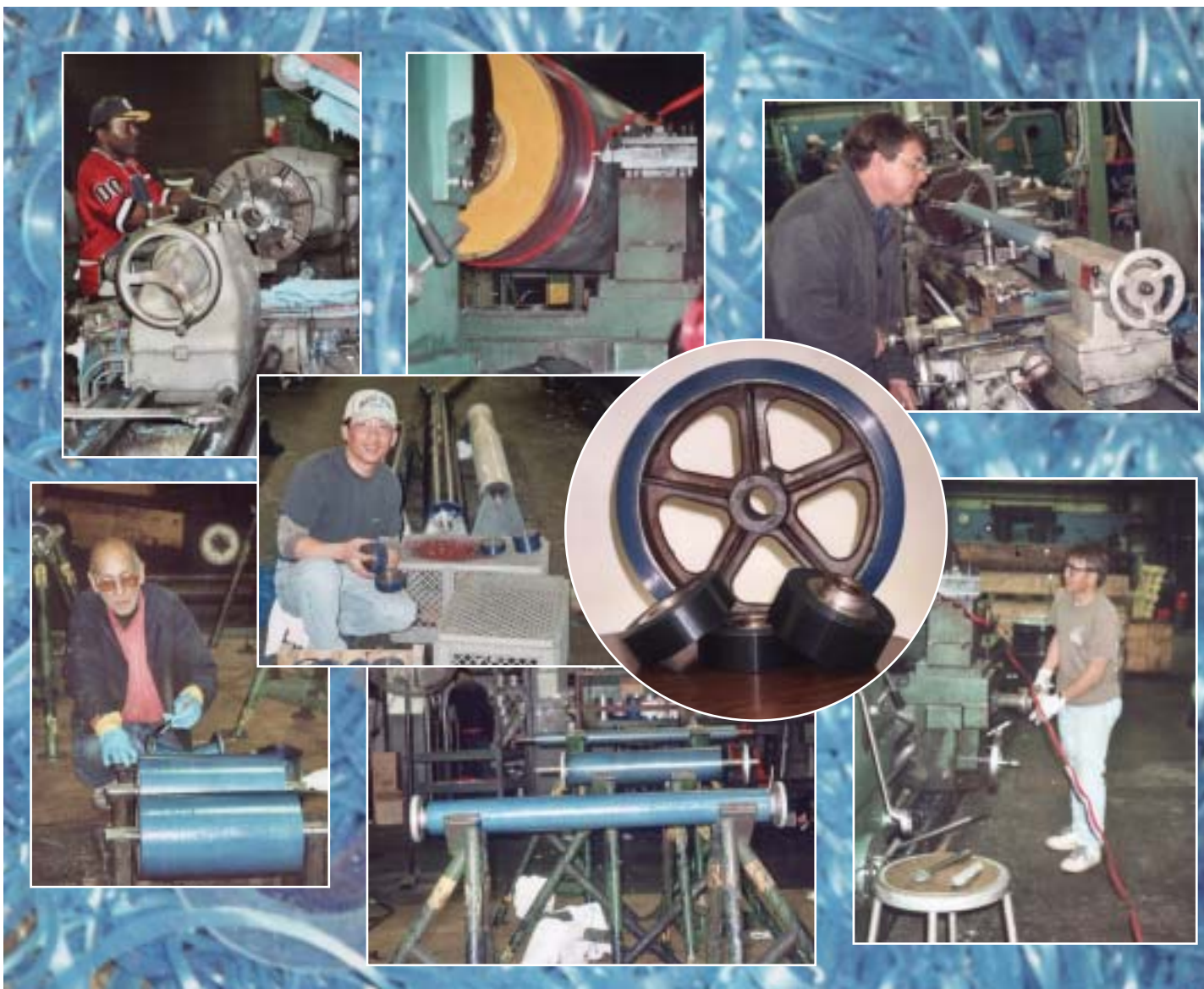


**The Nashville Sound
Greeting the Guests**

www.baileyparks.com

sales@baileyparks.com

1-800-238-7638



DIAMONDBACK® URETHANE PRODUCTS

A PRACTICAL APPROACH TO ABRASION RESISTANCE

WHERE TO USE DIAMONDBACK®

The following are applications in which Diamondback® has been successfully used. If your particular application is not listed, please contact our Sales Department for technical assistance.

Grain Industry – Areas of the bucket elevator including head section, distributors, transitions, elbows, spouts and chutes, and screw conveyors.

Mining and Related – Spouts and chutes, elbows, bins and hoppers, belt scrapers, noise and vibration dampening, feed boxes, classifier shoes, perforated particle sizing screens, and skirt boards.

Concrete – Lining of central batch mixers and blades.

Foundry Castings – Lining of vibratory trough for deburring of parts. Sandblast and shotblast curtains.

Note: Diamondback® is not recommended for use in areas with a vertical incline of less than 10° or areas with constant temperatures of 180° F (82° C) or greater.

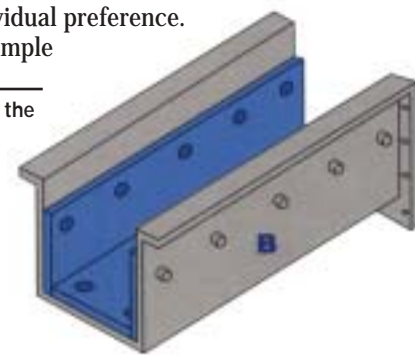
HOW TO INSTALL FLAT DIAMONDBACK® SHEET AND PADS.

Diamondback® sheet is available with expanded metal backing, Slotback™ metal backing, cotton fabric backing and non-reinforced, with no backing.

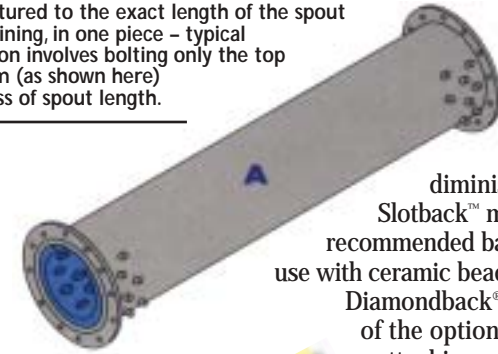
Generally speaking, the type of backing is a matter of individual preference. In thinner sections, for example

In square or rectangular chutes the entire bottom should be lined, as well as 75-80% of the side walls – side walls should be lined first, bottom last.

3/16"-1/2" (4.8mm-12.7mm) thick, many users opt for expanded metal back or Slotback™ metal back because the metal adds rigidity to the urethane, allowing it to lay flatter when installed. The metal backing also allows mechanical forming of the fabricated pieces. As the thickness increases, the need for metal backing, in many cases,

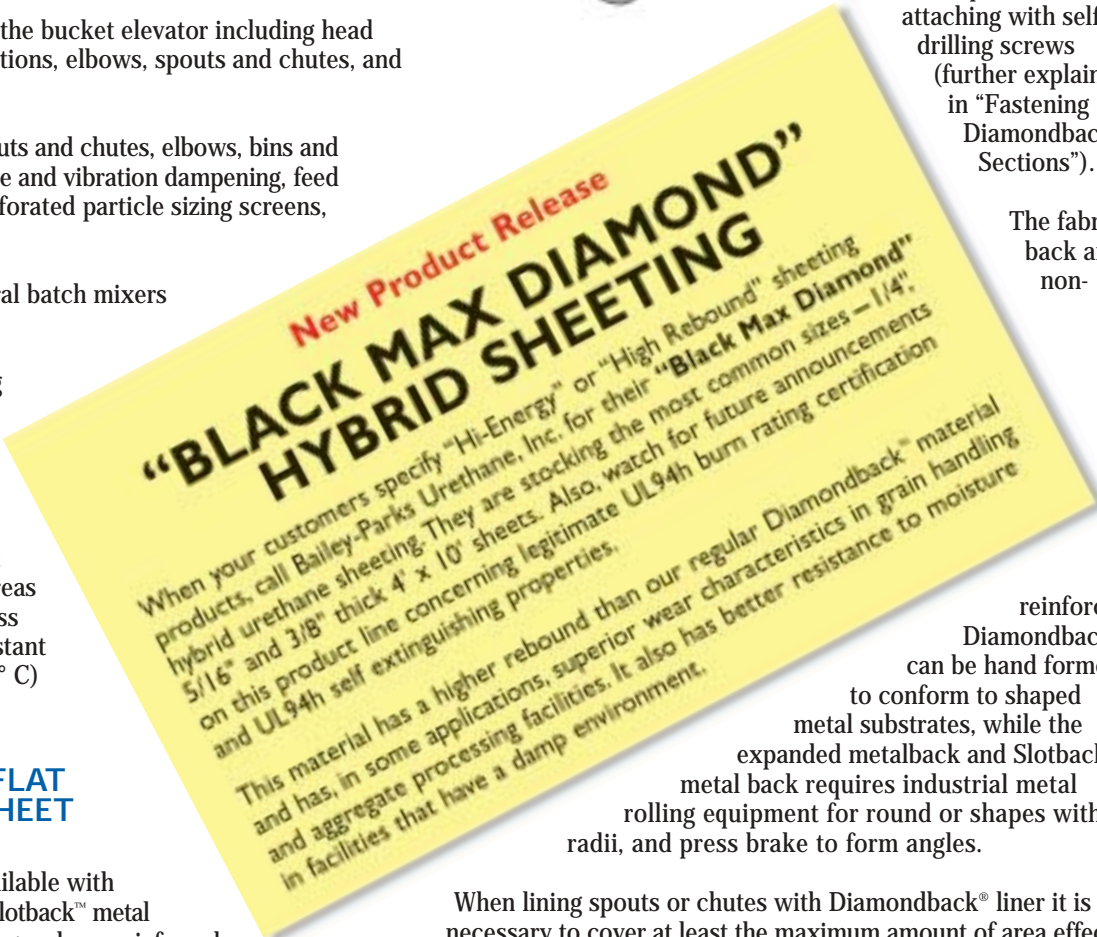


Long, continuous runs of Diamondback® can be manufactured to the exact length of the spout you are lining, in one piece – typical installation involves bolting only the top & bottom (as shown here) regardless of spout length.



diminishes. Slotback™ metal is the recommended backing for use with ceramic bead Diamondback® because of the option of attaching with self drilling screws (further explained in "Fastening Diamondback® Sections").

The fabric back and non-



reinforced Diamondback® can be hand formed to conform to shaped metal substrates, while the expanded metalback and Slotback™ metal back requires industrial metal rolling equipment for round or shapes with radii, and press brake to form angles.

When lining spouts or chutes with Diamondback® liner it is necessary to cover at least the maximum amount of area effected by abrasion. Generally speaking round spout is lined to cover 80 percent of its inside circumference. (Diagram A) In square or rectangular chutes the entire bottom should be lined as well as 75 to 80 percent of the side walls. (Diagram B)

CUTTING DIAMONDBACK®

Expanded metal backed and Slotback™ metal backed Diamondback® are most effectively cut by means of a metal cutting shear, either the electric or hydraulic type, rated minimum, for 1/4" (6.4 mm) mild steel plate. Pressures and speeds should be the same as the recommendations for steel plate. Diamondback® should be sheared with the metal side up. Metal backed Diamondback® can also be cut using a table top band saw. A standard coarse tooth (4 to 5 teeth per 1" [2.5 cm]) blade, run at 1500-2000 RPM is recommended. Do not use a circular saw as friction produced by cutting will cause gumming of the blade possibly ruining your saw.

In addition to the cutting methods mentioned above, fabric backed and non-reinforced Diamondback® can also be cut with a box

board cutter or a rotary slitter with a lubricant feed to cool the blade.

Ceramic bead impregnated Diamondback®, because of the hardness of ceramic, is extremely difficult to saw, requiring special diamond tipped blades. Even with these blades it is a slow and tedious process.

The best cutting method to date is with a hydraulic shear, rated for 3/8" (9.5 mm) mild steel plate or a scissor type Beverly sheer. Using an electric shear is not recommended as many have a faster cutting stroke and are more likely to hang up, possibly damaging the blade.

DRILLING DIAMONDBACK®

Diamondback® can be easily drilled with either two or three flute metal drilling bits, either high speed or carbon. Frequent lubrication with kerosene or cutting oil is recommended.

Drilling through ceramic bead impregnated Diamondback® is possible by using a carbide tipped bit, but countersinking is virtually impossible.

FASTENING DIAMONDBACK®

Diamondback®, with all types of backing, is most commonly fastened by means of bolting. Flat head elevator bolts or Bailey-Parks Wedgie Bolts® are recommended. Spacing of the bolts is normally determined by the thickness of the sheet, the type backing and design of the substrate to which it is fastened. As a general rule of thumb, spacing is 1-1/2" to 2" (3.8 cm-5 cm) centers from the edge of the sheet, with 6"-18" (5 cm-45 cm) center to center spacing throughout sheet. Again, the center to center spacing is determined by the thickness, and also the type backing. 1/4" (6.4 mm) thick expanded metal back can be fastened on 8" (20 cm) centers in a flat section, 1/2" (12.7 mm) thick on 10" (25 cm) centers. The same thickness with no backing should be installed, respectively, on 6" (15 cm) and 8" (20 cm) centers. In sections with radii, more bolts are normally needed.

Alternatives to this type fastening are gluing, with fabric back, and self-drilling metal screws with Slotback™ metal back.

When gluing fabric backed Diamondback®, you must completely clean and degrease the surface to which you are bonding. Normally this requires sandblasting, then cleaning with an industrial solvent such as methyl ethyl ketone or acetone. Most good high quality contact cements will do a good job, provided instructions are properly followed. Always refer to the solvent and/or cement manufacturer's MSDS before using.

Slotback™ metal back Diamondback® can be fastened to metal substrates by using self drilling metal screws. To do this a pilot hole must be drilled through the metal substrates and the Diamondback®. The self drilling metal screw is then started through the back of the metal substrate, and up through the back of the Diamondback® sheet. With this method the Diamondback® sheet is pulled down from the bottom, rather than pushed down from the top, as with a bolt. Center to center spacing is normally 1"-2" (2.5 cm-5 cm) closer than with bolts. This is an especially effective means of installing ceramic bead Diamondback® with Slotback™ metal backing.

For information not covered in this bulletin, please contact our sales office.

Typical Urethane Project

Application: Review the overall customer needs regarding product impact and sliding abrasion problem(s), volume per year, product handled, and temperature requirements. Select the proper urethane thickness to provide the customer the best wearability for his application and budget.

Urethane Backing: The correct backing is very important for the in success of the liner life. The equipment being lined should be reviewed per flatness, irregular contours, and desired fastening method.

Installation: The preferred fastening method determines the backing required as follows:

Backing	Fasteners
Fabric	Glue / Bolt
Expanded Metal	Bolt
Slot Back™	Self tapping metal screws through the backside.

Ceramic / Embedded in Urethane

Application: Soybean processing and high volume terminals are areas for usage of ceramic bead w/urethane. Better life expectancy of 3 to 4 times have been reported by customers versus straight urethane.

Installation: Similar methods are available per the bolting of standard urethane.

BAILEY-PARKS URETHANE SALES STAFF



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GEAPS

Really Good Show!



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