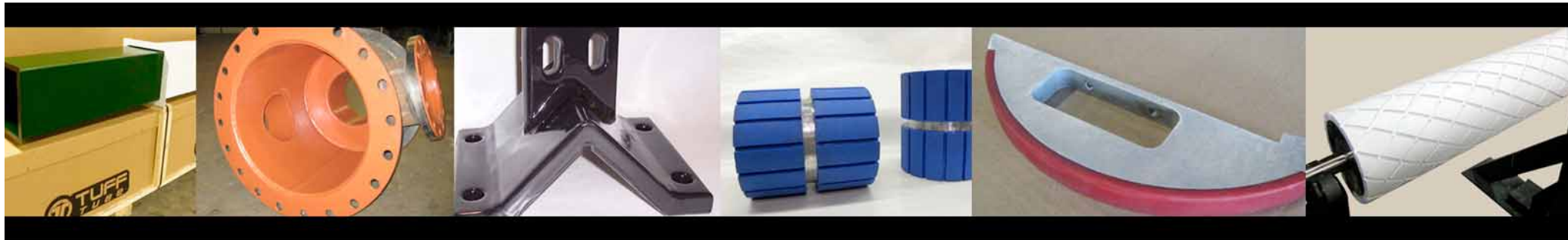


# RUBBER & URETHANE PRODUCT CATALOG



**WELCOME TO SIOUX RUBBER.**

WE PROTECT IT  
WITH RUBBER  
& URETHANE



# Your Rubber & Urethane Partner

Sioux Rubber & Urethane is proud of our ability to help **design and manufacture custom solutions** to your abrasion, corrosion and performance challenges.

Whether your business is manufacturing, mining, agriculture or some other industry; Sioux Rubber almost certainly has a dynamic solution to save you money, increase productivity and improve your bottom line.

Offering a full line of:

- Rubber Sheets
- Rubber Linnings
- Impact Bars
- Clamp Pads
- Rollers & Pulleys
- Urethane Linings
- Spray Urethane
- Spout Linings (Tuff-Tube)
- Custom Products and Moldings

**WE ARE RUBBER. PERIOD.**

MAKING  
EQUIPMENT  
LAST LONGER

# Rubber. An Introduction.

Rubber is a long-term, economical protection against impact, abrasion and corrosion for hundreds of applications and types of equipment. Sioux Rubber & Urethane has raw SBR, Red Natural, Black Neoprene and White Neoprene in stock at our facility. We are rubber experts and understand all the characteristics of each rubber and know which one will work for you and your equipment. All of our rubber is bonded through a process called vulcanization. Vulcanized rubber delivers protection that is superior to glued on products. It can provide 5 to 10 times more protection and wear life than plain metal due to its permanent bonding and the capabilities/qualities of the rubber.

## Standard Types of Rubber Available

### SBR (Styrene-Butadiene Rubber)

The most common type of synthetic rubber in use today. SBR comes in a variety of durometers with around 60 shore "A" being used most often on drive rollers, pulley's, impact bins/pads and skirt boarding. It has very good impact and abrasion resistant characteristics. A good example is about 50% of all car tires are made from various types of SBR's.

### Natural Rubber

Soft natural rubber is relatively low cost material for both corrosion and abrasion protection. High resilient, 40-50 durometer, the soft natural rubber exhibits superior abrasion resistant qualities compared to other lining materials. Soft natural rubber offers excellent protection from many corrosive materials. Material is available in red or black if color contamination is a consideration. Typical applications include pump housing, fan systems, linings and parts tumbling barrels. Constant to intermittent temperature limits are 150 ° to 180 °F.



## Neoprene

In addition to chemical resistance and low permeability to gases, Neoprene offers excellent resistance to oils. Constant temperature limit is 200 °F. Neoprene is compatible with many chemicals for corrosion protection.

## Chlorobutyl

This lining offers excellent resistant to a wide range of corrosive environments over other elastomers. It is also available in high temperature compound with 300 ° + capability.





# Rubber Products

## Abrasiplate

- Abrasiplate is Sioux Rubber & Urethane's rubber covered steel sheet. Abrasiplate is kept in-stock 16 ga. steel with custom formulated 60 durometer SBR rubber. Overall thicknesses of ¼", ½", ¾", and 1" standard sizes are 48" wide x 96", 120" or 144" long, but most any size can be produced.
- Abrasiplate can be ordered up to 9" overall thickness and up to 90" wide x 180" long.
- Metal backing thickness can be from 20 ga. up to 1" and can be steel, aluminum, expanded metal or stainless steel.
- Abrasiplate can be punched, drilled, sawed, sheared, rolled, shaped or formed as needed.
- Abrasiplate can be applied over existing surfaces or fabricated alone to meet your specs. It can be bolted, screwed, riveted, or tack welded in place.



## Rubber Lining

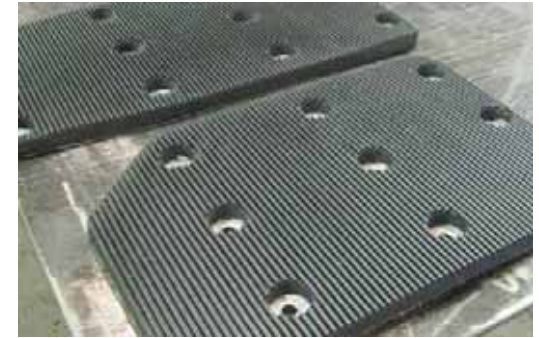
- Custom rubber linings and products has been a specialty of Sioux Rubber & Urethane's for over four decades.
- We bond rubber to almost any metal surface to enhance the performance.
- Rubber lining can be applied to new or existing equipment.
- Many rubber compounds are available.
- Rubber lining is considerably cheaper than new equipment and the associated down time for repairs or replacement.
- We can help specify the appropriate type of rubber to provide the maximum protection possible in your particular situation.





# Rubber Clamp Pads & Forklift Covers

- Decrease the damaging effect of metal coming into contact with material being transported.
- The rubber is permanently applied to the forks or it can be in plate form to bolt on the forks.
- Sioux Rubber & Urethane can design a clamp pad or rubber fork cover or we can recover your current clamp pad.
- Rebuilding is often a much more economical way to improve bottom line while maintaining productivity. The original mounting holes can be used making pre-drilling unnecessary.
- Our experienced staff has been recovering clamp pads for more than 30 years.



# Rubber Impact Bars

- Prevent damage to your conveyor belt and keep the product where it should be-on the belt.
- Impact bars are made of premium impact resistant rubber, a 3/8" UHMW top and metal insert all permanently bonded through our special molding and vulcanization process.
- Easily installed, impact bars are a cost effective method for conveyor supports, impact beds and feed chute collectors.
- Metal inserts available in aluminum or steel depending on your specific needs.
- The bars come in standard lengths of 48", 60" or 72" with a tapered leading edge.
- Coefficient of Friction: 0.5
- 50 or 60 durometer available.
- Energy absorbing SBR rubber body.
- Sioux Rubber & Urethane has manufactured molded impact bars for the mining and quarry business for more than 25 years.



# Rubber Rollers & Pulleys

- Sioux Rubber & Urethane can cover new roller/pulley or existing cores.
- Capable of covering sizes up to 60" diameter and 20' length.
- Coatings available from 0.063" and up in thickness.
- Finishes available: grooved, smooth, diamond, herringbone, crowned, step crown and spiral.
- Most orders are ready to ship out in three days or less.



**WE ARE URETHANE. PERIOD.**

IMPACT &  
ABRASION  
STOP HERE

# Urethane Products

Bridge the gap between traditional plastics and rubber with Polyurethane. Sioux Rubber & Urethane can formulate a urethane compound to match temperature range, flexibility, and hardness for your extreme, abrasive environments. We have a full line of castable and sprayable urethanes to get the physical properties you need for your parts. Our urethanes varying in hardness, rigidity and temperature range and can be bonded directly to most metal, concrete or wood surface. All of our sheets, bars, rods, tubes, and capping rings are molded in Sioux Rubber's high-quality urethane compounds, in a wide range of hardness.

## Urethane Liners

- Urethane liner will resist sticky build up on your equipment or machinery.
- Urethane will act as a noise insulator.
- Improves production speed.
- Steel backing available.
- Several fastening options; bolts, rivets, screws or tack weld.
- Hardness available from 60 Shore A to 65 Shore D.



## Lined Spout Elbows

- Urethane liner permanently bonded to elbow.
- Available with and without a tapered leading edge.
- Matches up with Tuff-Tube liner for total spout protection



# Tuff-Tube

The Tuff-Tube lining system is a patented urethane spout liner.

- Tuff-Tube can significantly reduce the abrasion of grain, seed and fertilizer handling, extend the life of your equipment.
- In a season or less grain will cause extreme wear in your spouting that can ruin your spouting.
- Tuff-Tube spouting liner can be rotated 120 ° -180 ° to present addition wear surfaces.
- Completely used liners can be removed and replace using the same spout saving you the expense of having to purchase new each year.





## Standard Line Product Information

Tuff-Tube Spout liners are available in standard lengths of 10' and 20' with additional lengths available upon request. Tuff-Tube spout liners are available for new or existing spouting applications. Tuff-Tube slip-in urethane liners counter material wear to spout lining, saving time, money and extending useful life of equipment by reducing down time.

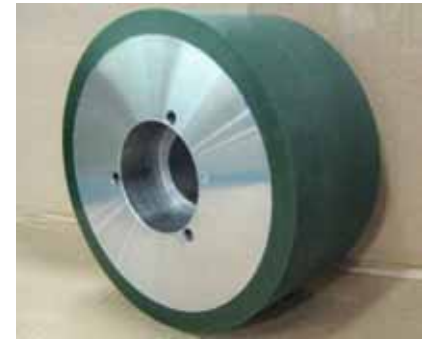
Product No.	Diameter	Length	Spout Gauge	Urethane Diameter
1519-2007	6"	120"	7ga	80 A Duro
1519-2017	6"	240"	7ga	80 A Duro
1519-2027	6"	120"	10ga	80 A Duro
1519-2037	6"	240"	10ga	80 A Duro
1519-2047	6"	120"	12ga	80 A Duro
1519-2057	6"	240"	12ga	80 A Duro
1519-2067	8"	120"	7ga	80 A Duro
1519-2077	8"	240"	7ga	80 A Duro
1519-2087	8"	120"	10ga	80 A Duro
1519-2097	8"	240"	10ga	80 A Duro
1519-2107	8"	120"	12ga	80 A Duro
1519-2117	8"	240"	12ga	80 A Duro
1519-2127	10"	120"	7ga	80 A Duro
1519-2137	10"	240"	7ga	80 A Duro
1519-2147	10"	120"	10ga	80 A Duro
1519-2157	10"	240"	10ga	80 A Duro
1519-2167	10"	120"	12ga	80 A Duro
1519-2177	10"	240"	12ga	80 A Duro
1519-2187	12"	120"	7ga	80 A Duro
1519-2197	12"	240"	7ga	80 A Duro
1519-2207	12"	120"	10ga	80 A Duro
1519-2217	12"	240"	10ga	80 A Duro
1519-2227	12"	120"	12ga	80 A Duro
1519-2237	12"	240"	12ga	80 A Duro
1519-2407	14"	120"	7ga	80 A Duro
1519-2417	14"	240"	7ga	80 A Duro
1519-2427	14"	120"	10ga	80 A Duro
1519-2437	14"	240"	10ga	80 A Duro
1519-2447	16"	120"	7ga	80 A Duro
1519-2457	16"	240"	7ga	80 A Duro
1519-2467	16"	120"	10ga	80 A Duro
1519-2477	16"	240"	10ga	80 A Duro
1519-2487	18"	120"	¼" wall	80 A Duro
1519-2497	18"	240"	¼" wall	80 A Duro

Custom sizes available upon request.

# Urethane Rollers and Pulleys

Sioux Rubber & Urethane can apply a variety of types and durometers of urethane to rollers and pulleys to meet almost any need. We can cast or spray the covering to fit most any applications.

- Coatings can be formulated to meet environments of high temperature resistance, high wear and food grade capability coming in the near future.
- Resurface existing rollers or pulleys with urethane compounds.
- Roller up to 60" diameter and up to 20' length.
- Urethane hardness available from 60 Shore A to 65 Shore D
- Finishes available: grooved, smooth, diamond, herringbone, crowned, step crown, and spiral.



# Urethane Molding

Urethane molded products can solve your need for a specific part. We have a variety of urethanes available and can cast parts using your molds, plans, or specifications as well as creating new molds to manufacture your parts.

- Polyurethane, being a liquid, can be poured into almost any shape of mold producing a variety of high quality and reliable custom applications.
- We can surface bond, encapsulate, and cover a large variety of substrates. If your part or piece is steel, stainless, aluminum, cast, galvanized or even wood or concrete we can permanently bond our urethane products.



# Spray Urethane

Spray urethane coatings protect against friction, abrasion chemical attack and weather wear on equipment.

- Permanently bonds to surface and has a broad working temperature range.
- Available in thicknesses from 0.04" to 0.375".
- Can be applied to steel, aluminum, stainless steel, concrete, wood or fiberglass.
- Used for pumps, chutes, hoppers, dump truck beds, railcars, snow plows, storage tanks, asphalt trucks and trailers, and many other items.





RUBBER &  
URETHANE  
SOLUTIONS.



# About Sioux Rubber

Sioux Rubber & Urethane produces quality impact, corrosion and abrasion resistant products which serve the mining, aggregate, agricultural, chemical and manufacturing industries that extend the life of your equipment, minimize your downtime and save you money!

Sioux Rubber & Urethane started operations over four decades ago. Over that time period Sioux Rubber & Urethane has earned the reputation in our industry for being an on-time supplier of high-quality rubber and urethane applications, products and custom designs. Our Midwestern location and old school values translate into better service and support for you. To us, extraordinary customer service is a standard not a goal.

Sioux Rubber & Urethane is an ISO 9001-2008 certified company providing application and manufacturing services in large and small quantities with standard or custom products for all types of customers ranging from OEM's to small town repair shops.

Protection from abrasion and corrosion in your machinery and on your equipment makes a huge difference in productivity, maintenance, repair and replacement costs. Sioux Rubber & Urethane specializes in positively impacting your production efficiency and your bottom line. Rubber and urethane are remarkable products that can be applied or bonded to an unlimited number of metal surfaces; molded or cast into virtually any shape to help you get the job done.

Sioux Rubber & Urethane specializes in solving impact, abrasion and corrosion problems offering the answers and products to protect your equipment and streamline production costs. Let us analyze your production process and show you how we can smooth the way to greater productivity, lower costs and bigger profits for your business!

# Sioux Rubber & Urethane

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