

TAZA
Polymer®

GENERAL CATALOGUE



ABOUT US

We are a Mexican company with more than 50 years of experience in the development of next-generation engineering polymers. Our world-class R&D department enables us to create customized formulations and materials tailored to each application, outperforming conventional materials such as rubber, steel, and engineering plastics, among others.

At ELASTÓMEROS TAZA, we innovate using the latest international developments and manufacture high-performance components with hardness ranges precisely adjusted to each requirement. Backed by advanced technology and strict quality controls, we deliver reliable solutions and superior results for our customers in both national and international markets.

PRESENCE

We have a presence in more than 30 countries, including the United States, Canada, Australia, Brazil, Chile, Colombia, Peru, Argentina, among others.



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AUTOMOTIVE INDUSTRY

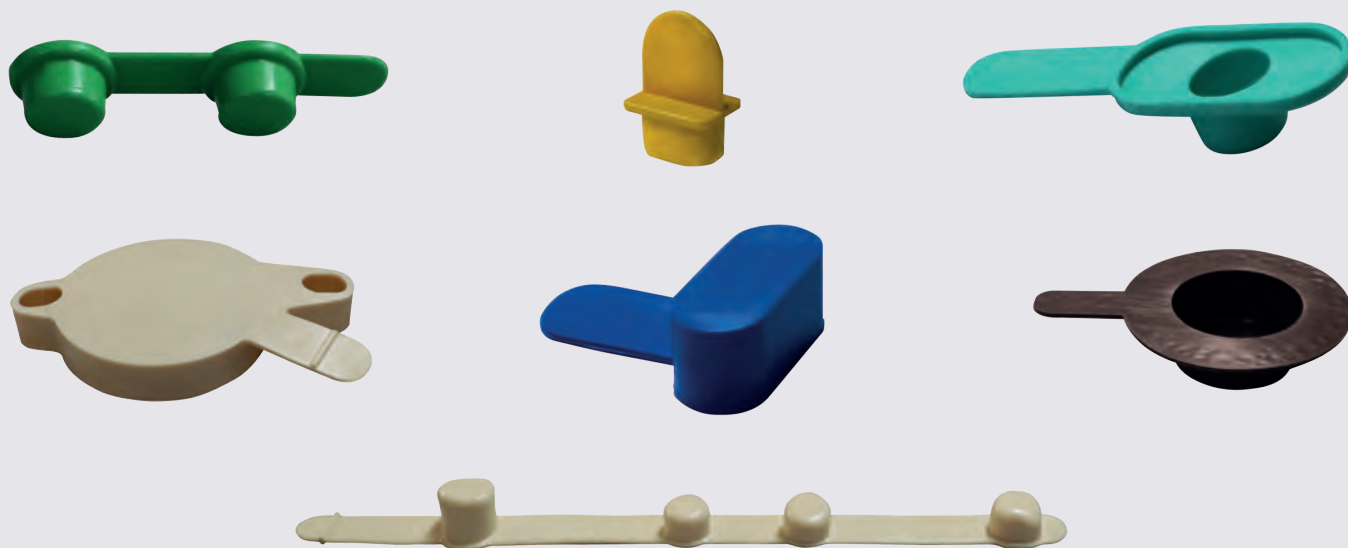
Since its beginnings, Elastómeros Taza has served the automotive industry, providing service and supplying parts for pneumatic and hydrostatic testing using VULKOLLAN® polymer seals, being the only manufacturer in Mexico licensed by COVESTRO (BAYER) for this product.

PVC COVERS

PVC covers are a practical and reliable solution for protecting bores in key components such as engines, turbochargers, pumps, and monoblocks. Their design allows components to be effectively protected from the manufacturing process through storage and transportation.

By preventing the entry of dust, water, and other contaminants, these covers help preserve component quality, reduce the risk of damage, and ensure that each part arrives in optimal condition for assembly and operation.

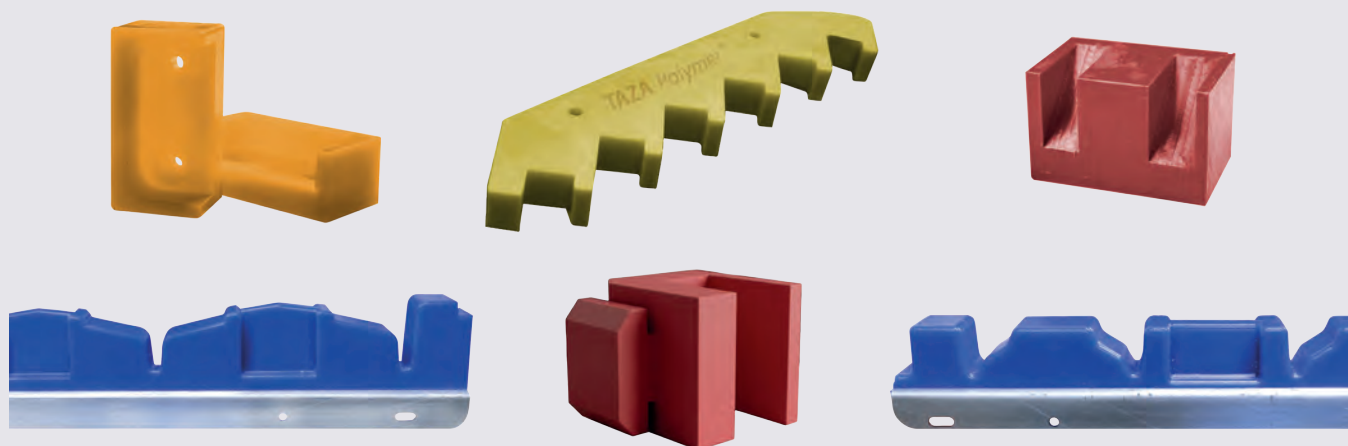
Companies can minimize rework, prevent failures, and optimize time and costs, delivering more reliable products with a higher level of quality to their customers. PVC covers represent a simple investment that provides safety, efficiency, and added value throughout the entire production chain.



DUNNAGE

We are a leading company in the manufacturing of dunnage for racks in the automotive industry, as well as all types of support and stacking components. We develop projects based on drawings or by measuring physical parts.

The wide portfolio of engineering elastomers offered by Taza Polymer® can meet all your needs. Our technical service representatives can advise you on the best application for your requirements, achieving excellent performance.



GROMMETS / BUMPERS

We have the capability and technology to injection mold small parts with metal inserts.





RAILWAY INDUSTRY

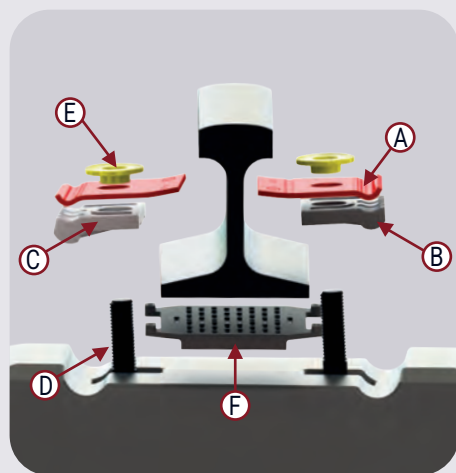
Our high-resilience polymer has been successfully tested in laboratories in the U.S. (AAR-TTCl) and Mexico under the AREMA standard, exceeding 3 million cycles. Thanks to its outstanding strength and performance, we manufacture the most reliable and durable parts on the market.

FASTENING SYSTEMS

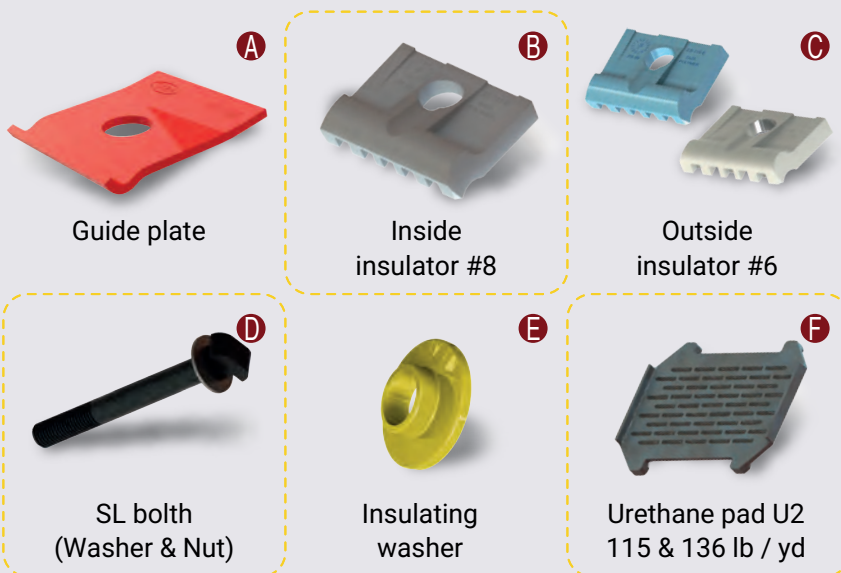
ELASTÓMEROS TAZA specializes in the development and manufacturing of railway fastening systems such as GN, ES, RN, W14, W40HH, NABLA, and Clip E, designed to ensure maximum safety, durability, and performance on the tracks.

At our facilities, 100% of the polymer components used in these systems are produced, including stops, washers, insulators, bushings, insulator liners, and pads, ensuring full control over quality and manufacturing processes.

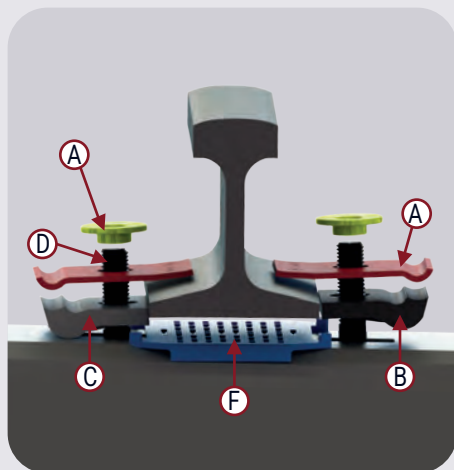
ES TYPE FASTENING SYSTEM



115 & 136 lb / yd



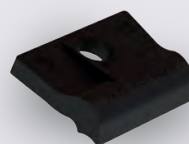
GN TYPE FASTENING SYSTEM



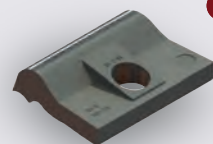
115 & 136 lb / yd



Guide plate



Inside
insulator #8



Outside
insulator #6



SL bolt
(Washer & Nut)

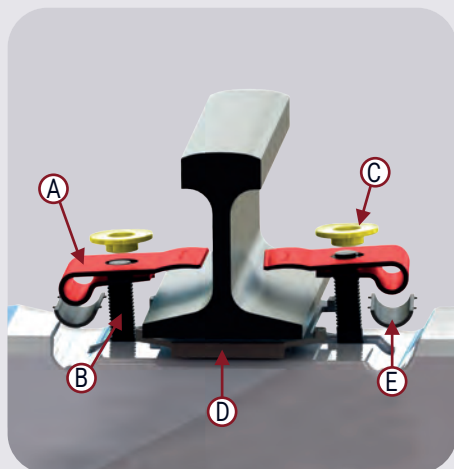


Insulating
washer

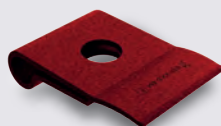


U2 urethane pad
115 & 136 lb / yd

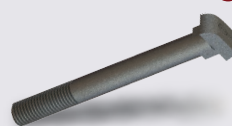
RN TYPE FASTENING SYSTEM



115 & 136 lb / yd



Reinforced
guide plate



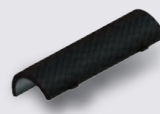
SL bolt
(Washer & Nut)



Insulating
washer

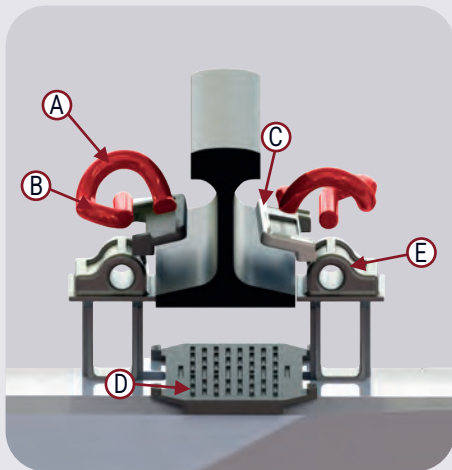


Urethane pad U2
115 & 136 lb / yd



Bearing

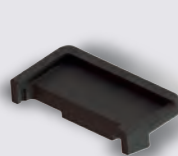
“e” TYPE FASTENING SYSTEM



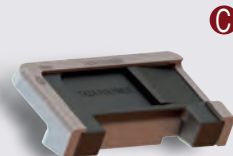
115 & 136 lb / yd



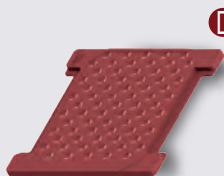
Rail clip



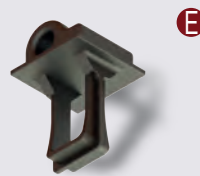
Insulator
(9.2mm)



Insulator
(6mm)

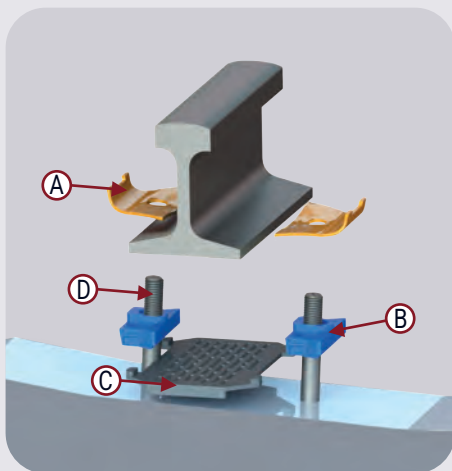


Urethane
rail pad

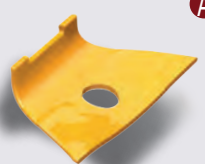


Embedded
parts

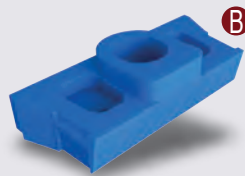
NABLA TYPE FASTENING SYSTEM



115 & 136 lb / yd



Guide plate



Insulator

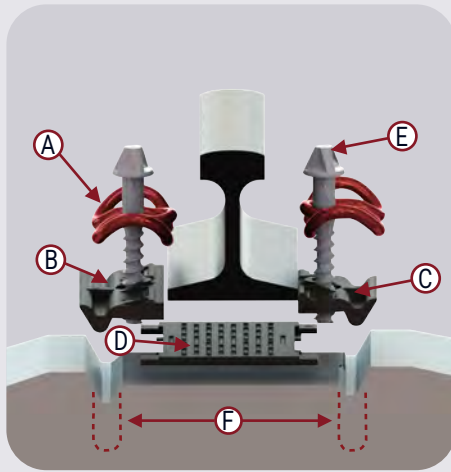


Urethane pad U2
115 & 136 lb / yd



SL bolth
(Washer & Nut)

W14 TYPE FASTENING SYSTEM



115 & 136(140) lb / yd



Rail clip



Inside insulator



Outside insulator



Rail rubber pad

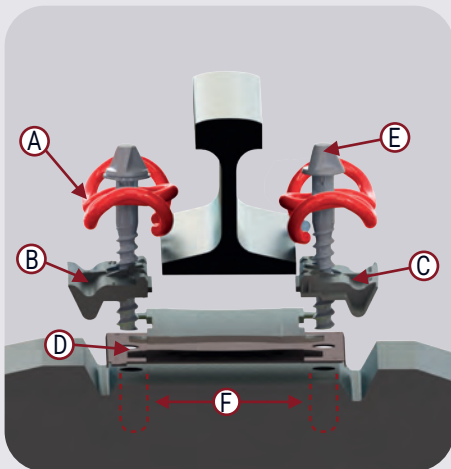


Tie lag screws



Rail plastic dowel

W40HH TYPE FASTENING SYSTEM



115 & 136(140) lb / yd



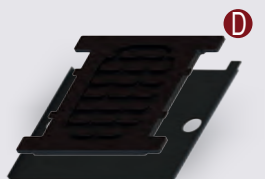
Rail clip



Inside insulator



Outside insulator



Urethane &
rail pad



Tie lag screws



Rail plastic dowel

MISCELLANEOUS PARTS



Under sleeper pad

Yellow / Hardness: 85–90 Shore A (Hard)



Blue – Hardness: 75–80 Shore A (Medium)



Green – Hardness: 65–70 Shore A (Soft)

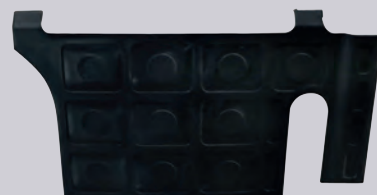


Under-rail pads
115 lbs TAZATRAK



Support and bearing pad

- 3mm
- 5mm
- 10mm



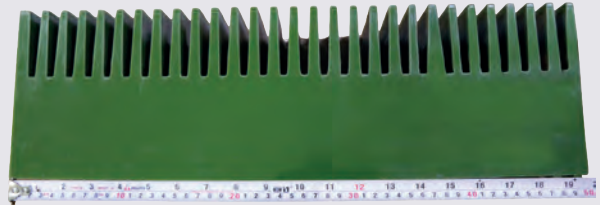
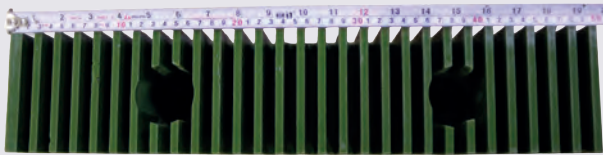
Vossloh-type shim

GAP FILLER (METRO SECTION)

The Gap Filler is a safety and accessibility module designed to be installed at the platform edge, in the train boarding area. Its main function is to reduce the gap between the railcar and the platform, compensating for minor height differences and creating a continuous, safe surface for passenger movement. Manufactured with high-strength, durable materials, the Gap Filler enhances safety, comfort, and operational efficiency at stations by ensuring stable and risk-free boarding.

Main Functions:

- Prevents platform-related accidents.
- Prevents objects from falling onto the tracks.
- Facilitates access for passengers with reduced mobility.
- Minimizes the gap between platform and railcar, allowing occasional contact without damage.



MISCELLANEOUS PARTS (METRO SECTION)



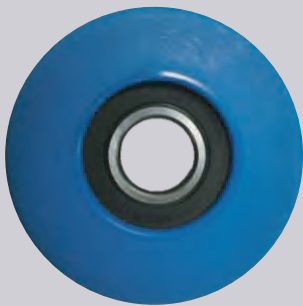
Shims / Track Fastening
System



Shims / Track Fastening
System



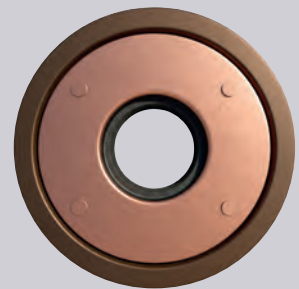
Third Rail Insulator



Drive Roller (Escalators)



Motor Drive Shock
Absorber



Internal Shock Absorber

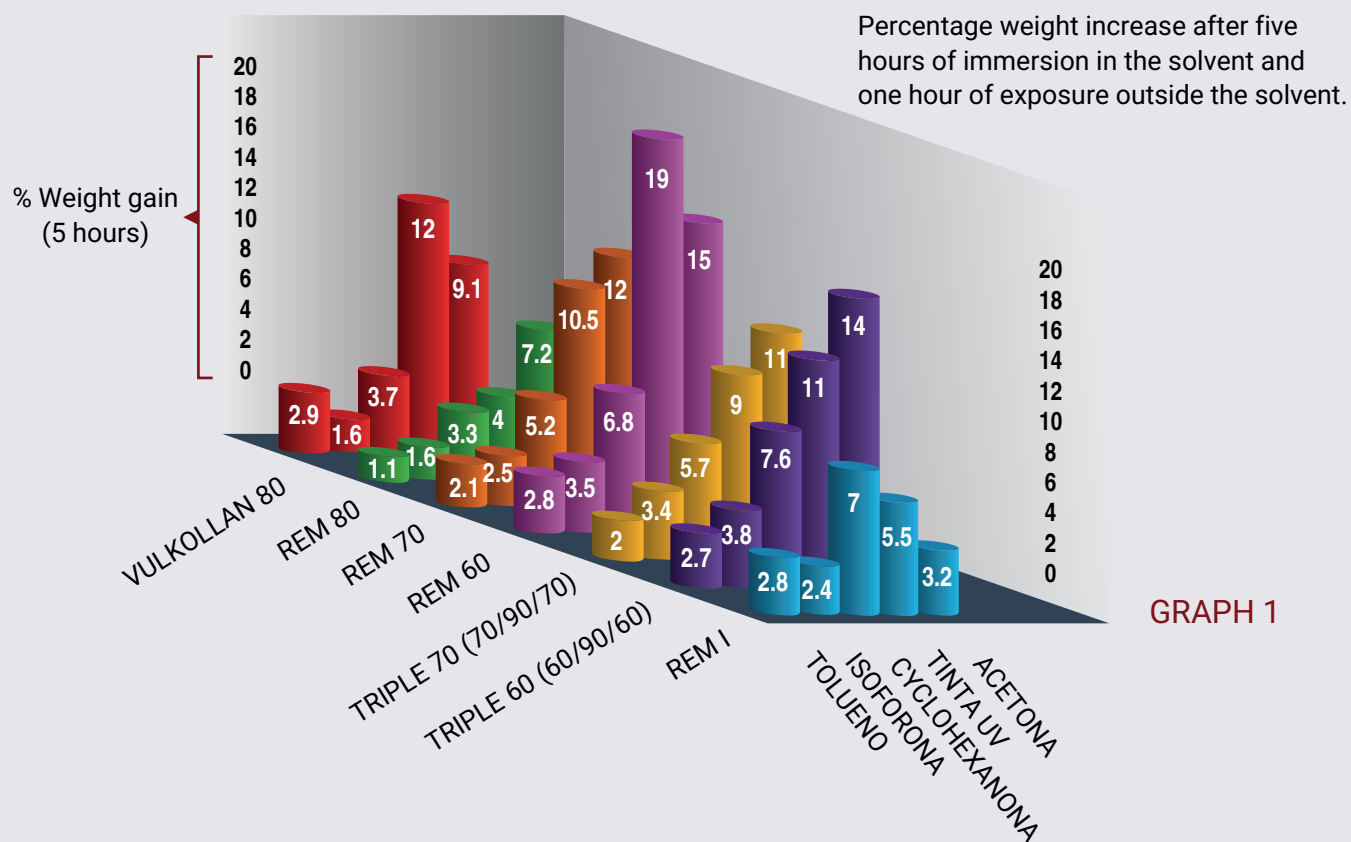


INDUSTRIA GRÁFICA

We manufacture all types of squeegees for the screen printing industry. Our well-known products such as VULKOLLAN®, REM®, and REM I® are ideal for all types of applications.

CHARACTERISTICS

- Resistant to deformation when exposed to aggressive inks and solvents (see Graph 1).
- Long service life at the edges.
- High mechanical durability and abrasion resistance.
- Easy to clean.



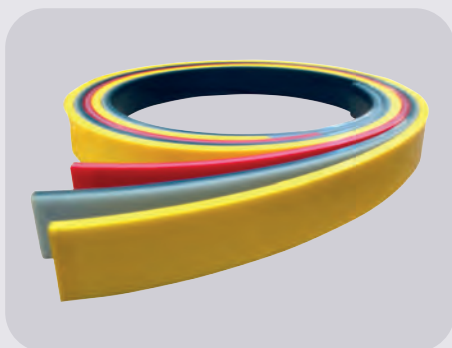
GRAPH 1

SINGLE, DOUBLE & TRIPLE DUROMETER



- Durometer 60, 65, 70, 75, 85, and 90 Shore "A".
- Double durometer (combinations of two of the above-mentioned hardness values).
- Triple durometer (two outer sides with lower hardness to ensure accurate and precise printing, and a high 90 Shore "A" hardness core to maintain a stable printing angle).

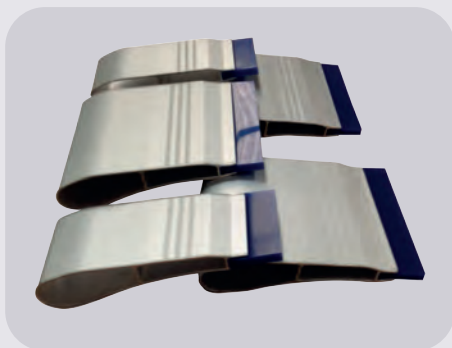
TRIPLE DUROMETER TEXTILE SQUEEGEE



With a 55/90/55 configuration, ideal for abundant and controlled application of white textile inks on dark backgrounds, gels, water-based inks, discharge inks, and adhesives.

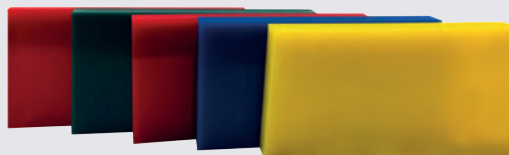
- REM I®: Squeegees designed for screen printing with UV inks. Excellent resistance to chemicals. Ideal for the application of UV varnishes and finishes. Available in single, double, and triple durometer.

HANDLE ALUMINUM SCREEN PRINTING



Custom-made, offering excellent performance and impact resistance, ensuring a long service life. Manufactured in aluminum as a replacement for wood, promoting sustainability and helping preserve natural resources by preventing deforestation.

MEASURES



VULKOLLAN QUALITY (AMBER COLOR)

3/16" X 2cm X 3m
 3/16" X 2.5cm X 3m
 3/16" X 5cm X 3m
 3/8" X 2.5cm X 3m
 3/8" X 5cm X 3m
 7mm X 3cm X 3m
 7mm X 4cm X 3m
 7mm X 5cm X 3m
 8mm X 3cm X 3m
 8mm X 5cm X 3m

REM QUALITY (YELLOW 80 SHORE A, BLUE 70 SHORE A, RED 60 SHORE A)

3/16" X 2cm X 3m
 3/16" X 2.5cm X 3m
 3/16" X 5cm X 3m
 3/8" X 2.5cm X 3m
 3/8" X 5cm X 3m
 7mm X 3cm X 3m
 7mm X 4cm X 3m
 7mm X 5cm X 3m
 8mm X 3cm X 3m
 8mm X 5cm X 3m

TRIPLE DUROMETER SQUEE- GEE (70/90/70) or (60/90/60)

3/16" X 2cm X 3m
 3/16" X 2.5cm X 3m
 3/16" X 5cm X 3m
 3/8" X 2.5cm X 3m
 3/8" X 5cm X 3m
 7mm X 3cm X 3m
 7mm X 4cm X 3m
 7mm X 5cm X 3m
 8mm X 3cm X 3m
 8mm X 5cm X 3m

DOUBLE DUROMETER SQUEEGEE

3/8" X 5cm X 3m

PERFILES

BR

BO

BV

BF

BL

BR: Straight bevel
 BV: V bevel
 BL: 45° bevel
 BO: Rounded bevel
 BF: Fine V bevel



MARITIME INDUSTRY

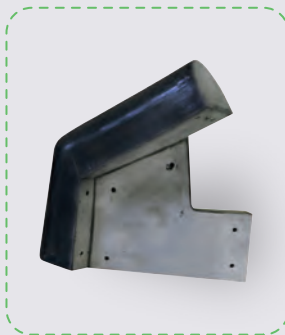
We coat assault boat turbine housings with a high-impact and abrasion-resistant polymer, extending service life to more than three times that of rubber, neoprene, or any other polymer.

We also manufacture a wide range of marine fenders for both vessels and docks, offering outstanding resistance to impact and abrasion.

DOCKS AND FENDERS

Their higher performance capacity results in significant savings in replacement costs.

- Highly resistant to seawater, steam, and multiple chemical products.
- Resistant to wear and tearing.
- Color homogeneity.



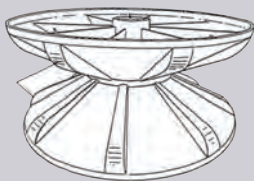
FLOATING BUSHING



TAZA bushings are manufactured from engineering polymers capable of withstanding high operating pressures, featuring a low coefficient of friction and low wear rate.

We work with state-of-the-art technology to solve the most demanding applications, conducting application-specific testing, including evaluation, selection, development, and manufacturing of new materials and designs, to offer a wide range of solutions to our customers.

NET HAULER / COATING



Manufactured from high-strength, durable polymers, these components are designed to significantly improve grip and traction on pulleys, ensuring consistent performance even under demanding operating conditions.

Their special formulation provides excellent resistance to tearing, abrasion, and deformation, extending equipment service life and reducing maintenance intervals.



METAL MECHANICAL INDUSTRY

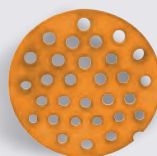
Industries related to metal processing, rolling, or extrusion, where we offer a comprehensive service thanks to our expertise in coatings and special parts.

From machining and preparation of the surfaces to be coated, to grinding and surface roughness control of the finished parts, including turning, machining, dynamic balancing, and special machining of rollers, sleeves, and technical components. This allows us to guarantee high-performance, high-quality solutions, achieving greater efficiency and productivity for our customers' machinery and equipment.

For this sector, we offer a wide range of polymers and hardness levels with excellent mechanical properties and high resistance to cutting, tearing, impact, abrasion, and solvents.

APPLICATIONS

- Coating of rollers, wheels, and idlers.
- Plates, round bars, bushings, and flat bars.
- Die ejector pins.
- Damping supports.
- Hydraulic seals.
- Coupling spare parts.
- Impact stops.
- Custom parts.



MAINTENANCE, REPAIR AND MANUFACTURING

The manufacturing process follows the technical specifications provided by the customer, ensuring that all dimensions meet their requirements.

Some of the manufactured parts include:

- 1.- Wheels.
- 2.- Idlers.
- 3.- Pulleys.

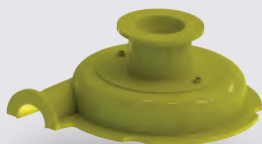




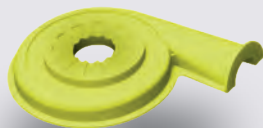
MINING INDUSTRY

We manufacture high-performance solutions for the mining industry, using next-generation polymers engineered with nanotechnology for each application. We develop customized projects with innovative formulations and state-of-the-art technology, ensuring quality, durability, and efficiency.

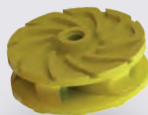
WARMAN-TYPE 4" X 3"



Cover Plate Liner



Frame Plate Liner

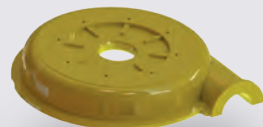


Impeller

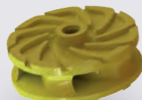
WARMAN-TYPE 6" X 4"



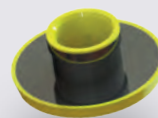
Cover Plate Liner



Frame Plate Liner

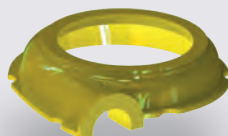


Impeller

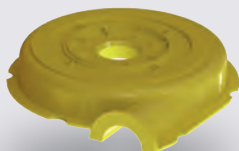


Throatbush

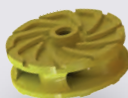
WARMAN-TYPE 8" X 6"



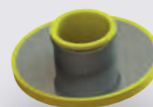
Cover Plate Liner



Frame Plate Liner

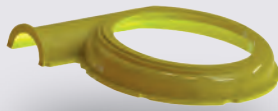


Impeller

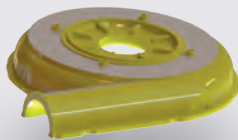


Throatbush

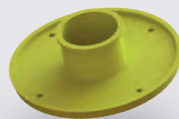
WARMAN-TYPE 10" X 8"



Cover Plate Liner



Frame Plate Liner

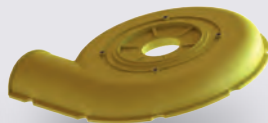


Throatbush

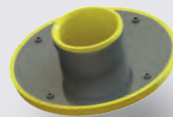
WARMAN-TYPE 12" X 10"



Cover Plate Liner

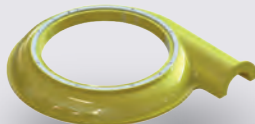


Frame Plate Liner

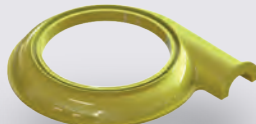


Throatbush

WARMAN-TYPE 250 MCR



Cover Plate Liner



Frame Plate Liner



Throatbush

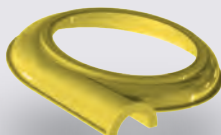


Frame Plate

WARMAN-TYPE 350 MCR



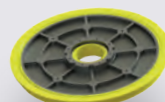
Cover Plate Liner



Frame Plate Liner

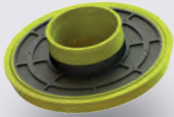


Throatbush



Frame Plate

WARMAN-TYPE 550 MCR



Throatbush

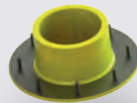
ASH-TYPE 125 MCC



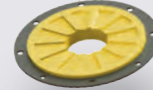
Cover Plate Liner



Frame Plate Liner



Throatbush



Frame Plate

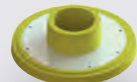
ASH-TYPE 150 MCC



Cover Plate Liner



Frame Plate Liner



Throatbush



Frame Plate

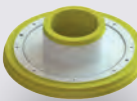
ASH-TYPE 200 MCC



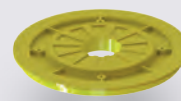
Cover Plate Liner



Frame Plate Liner

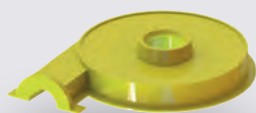


Throatbush

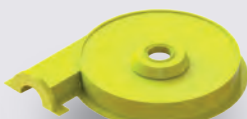


Frame Plate

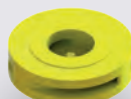
DENVER-TYPE 5" X 4"



Cover Plate Liner

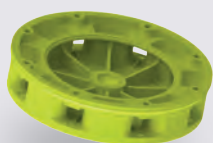


Frame Plate Liner

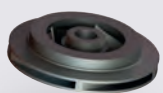


Impeller

TSURUMI-TYPE 6110



Cover Plate



Impeller

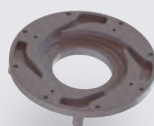


Plate Liner

GALIGHER-TYPE 2.5" X 48"

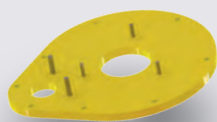
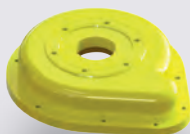
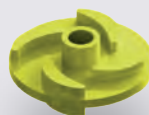


Plate Liner



Cover



Impeller

GALIGHER-TYPE 3.5" X 48"

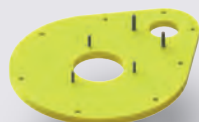
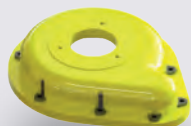
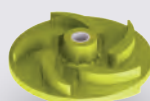


Plate Liner

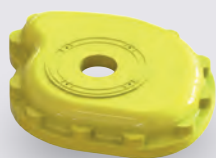


Cover



Impeller

GALIGHER-TYPE 5000 3"



Cover Plate

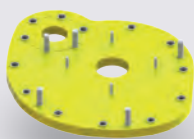
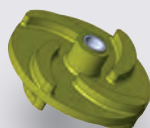
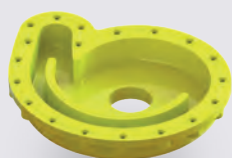


Plate Liner



Impeller

GALIGHER-TYPE 5000 4"



Cover Plate

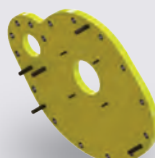
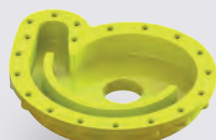


Plate Liner



Impeller

GALIGHER-TYPE 5000 6"



Cover Plate

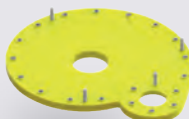
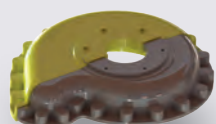


Plate Liner



Impeller

GALIGHER-TYPE 5000 8"



Cover Plate

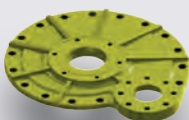
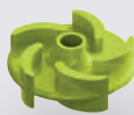
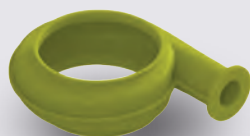


Plate Liner

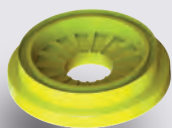


Impeller

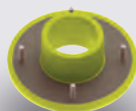
METSO-TYPE HR 150



Voluta



Frame plate liner

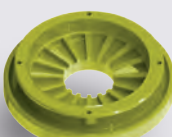


Throatbush

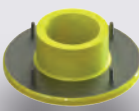
METSO-TYPE HR 200



Voluta

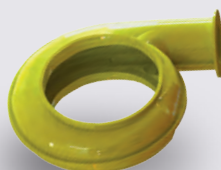


Frame plate liner

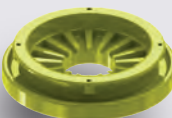


Throatbush

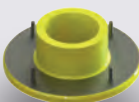
METSO-TYPE HR 250



Voluta

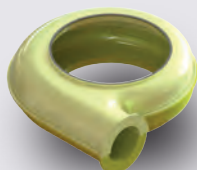


Frame plate liner

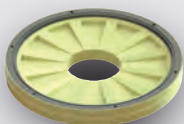


Throatbush

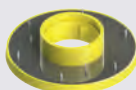
METSO-TYPE XR-400



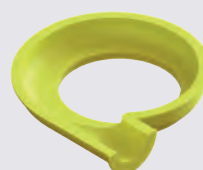
Voluta



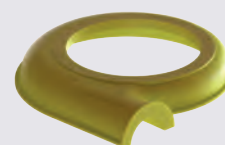
Frame plate liner



Throatbush

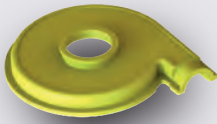


Cover Plate Liner

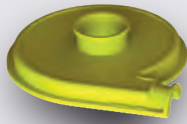


Frame Plate Liner

TIPO GW 4" X 6"



Cover Plate Liner

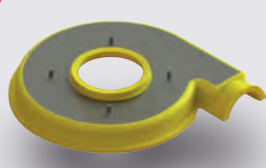


Frame Plate Liner

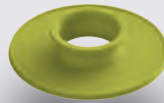
TIPO GW 8" X 6"



Cover Plate Liner



Frame Plate Liner



Throatbush

HYDROCYCLONE LINERS

Hydrocyclones are subjected to extremely high levels of abrasion during operation due to the constant impact and friction of solid particles present in the mineral separation process.

To withstand these harsh conditions, Taza Polymer® develops and supplies high-resistance polymer liners and coatings, specifically engineered to protect the internal surfaces of hydrocyclones, extend their service life, and optimize operational performance.



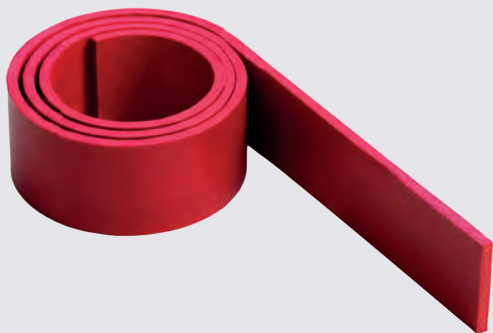
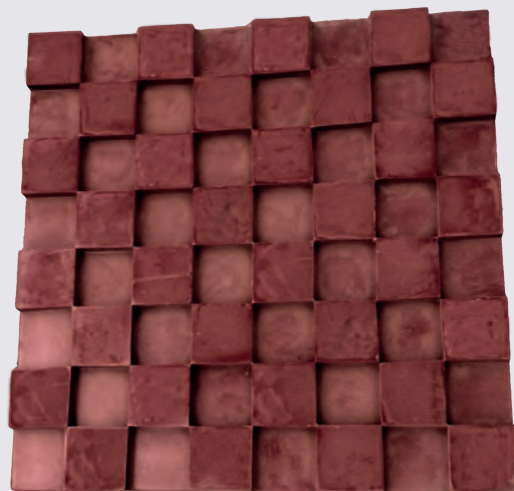
CHUTE LINING (WEAR LINERS)

Molecularly engineered with high abrasion-resistant polymers and special additives that prevent material or ore from adhering to the surface.

Ideal for use in mining, cement, and glass plants, these liners are used to protect chutes or hoppers against abrasion and impact caused by ore, rocks, clays, or glass.

They are easy to install, as they include pre-drilled holes for anchoring with bolts and feature steel washers embedded in the material to provide greater support, making them more resistant to impacts and vibrations generated by the conveyed material.

The standard configuration includes 8 holes with recessed boxes for 5/8" bolts. Standard dimensions are 100 cm long by 50 cm wide, with thicknesses of 1.5", 2", and 3". Custom sizes are available. We offer multiple formulations tailored to the specific requirements of each customer.



SKIRTING

Manufactured from high wear-resistant elastomer or polymer, ideal for use in mining, cement, and glass plants, as well as for any application involving contact with abrasive materials, such as conveyor belt skirting and other demanding industrial uses.

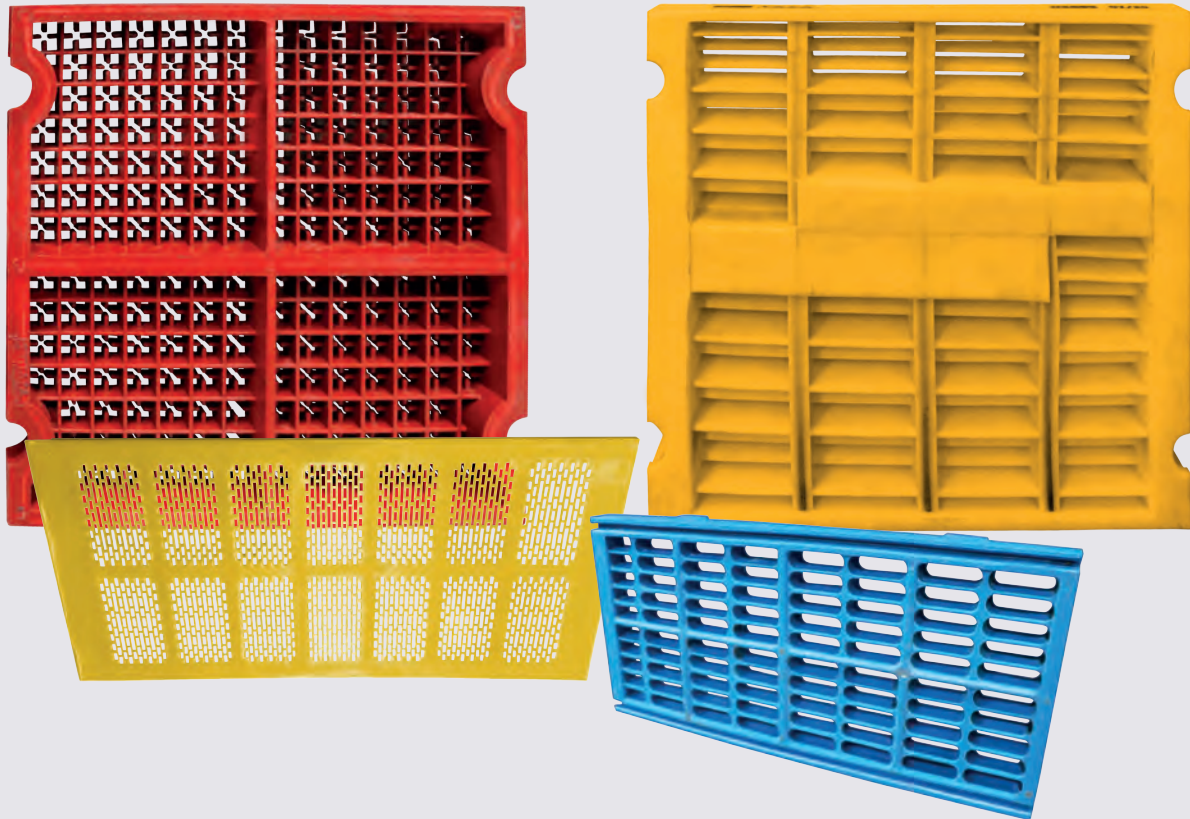
Available in rolls with thicknesses from 1/4" to 1", 305 cm (120") in length, and the following widths: 4", 6", 8", 10", 12", 20", and 24".

SCREENING PANELS

Their main function is to control mineral particle size, allowing separation and classification into different sizes, or to clean the material by removing debris and unwanted residues. They are typically manufactured in small modules of 1 x 1 ft or 1 x 2 ft and are interconnected using pins or clips until the desired screen size is achieved.

These are the main advantages our elastomers or polymers offer compared to traditional rubber or polyurethane screens:

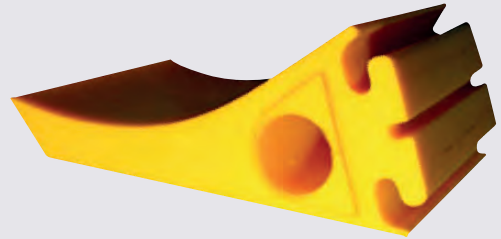
- Extended service life.
- Improved screening efficiency.
- Significant or total reduction of blinding and material buildup.
- High impact and abrasion resistance.
- Excellent corrosion resistance.
- Reduced downtime due to screen replacement.
- Noise reduction.



BELT SCRAPERS

Scrapers with an A-36 steel structure or support, designed for easy installation. Due to their design, continuous adjustment of the cleaning blade pressure is not required.

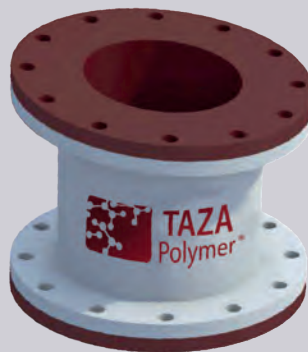
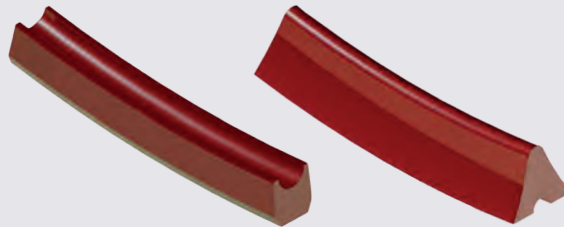
Our Taza Polymer® scrapers are manufactured for conveyor belts ranging from 18" to 72" in width and can be installed on existing conveyor structures.



WINCH DRUM INSERTS

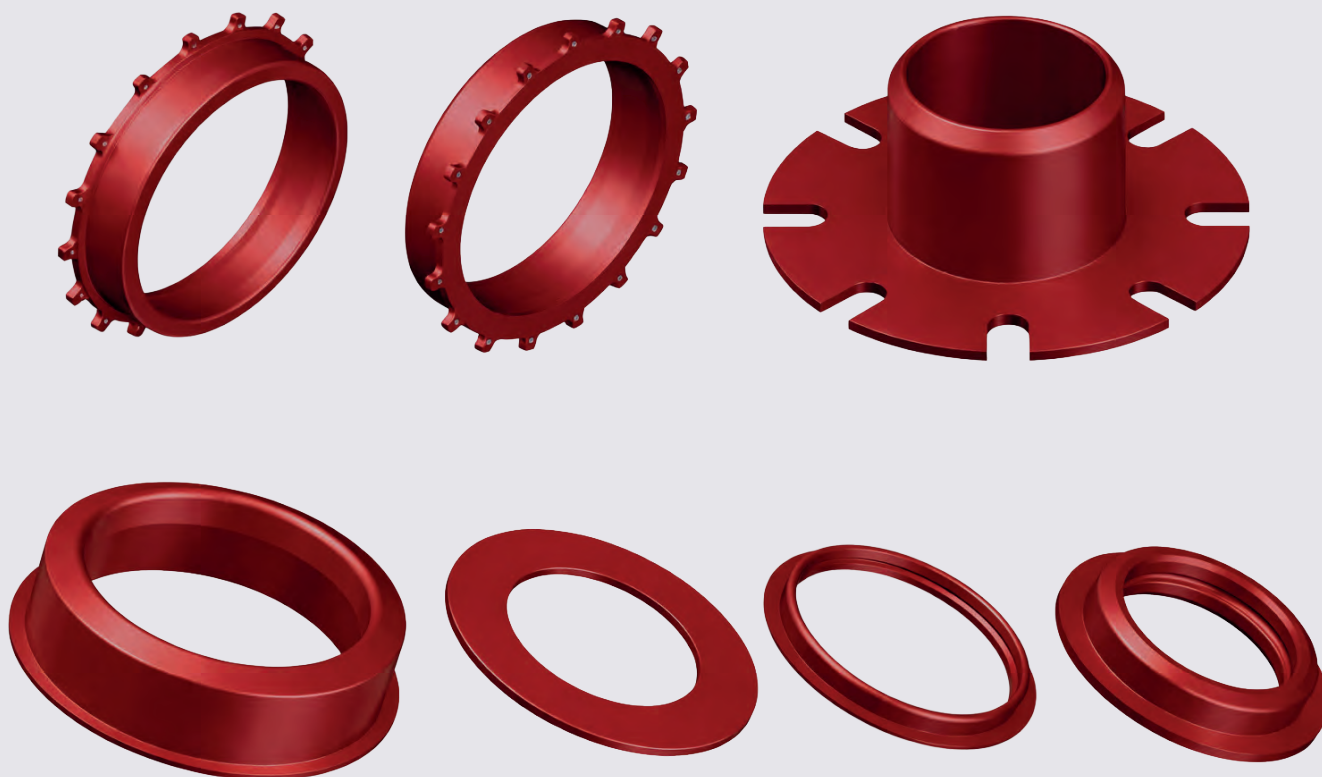
Used as lining for the perimeter or contour of the drive sheave in order to protect it from abrasion caused by winch traction.

Manufactured for steel wire ropes with diameters of 1/2", 3/4", 1", 1-1/4", 1-1/2", and 2".



Recubrimiento de tuberías y codos de alimentación para molinos.

SLEEVES



PINCH VALVES

Benefits:

Longer service life than conventional rubber, EPDM, or other elastomers, due to their high resistance to abrasion, tearing, bacteria, salinity, environmental exposure, and other harsh conditions.



FLOTATION CELLS

The new range of mechanisms manufactured with Taza Polymer® formulations delivers superior metallurgical performance and extended service life for these components. The rotor features a set of blades designed to:

- Generate large clouds of finer air bubbles.
- Achieve efficient pumping.
- Provide effective agitation.

The stator is mounted on the bottom of the tank and features a unique diamond-shaped profile designed to:

- Efficiently disperse bubbles within the turbulence zone.
- Improve cell hydrodynamics.
- The Taza Polymer® mechanism creates an optimal environment around the mechanism, maximizing interaction between bubbles and particles, thereby improving flotation kinetics.



Taza Polymer focuses on generating an air bubble cloud with an optimal size distribution, facilitating uniform flotation of both fine and coarse particles while keeping solids effectively suspended. This increases the probability of bubble-particle interaction.

TAZA CHROME®

Provides manufacturing solutions for cast and machined products using a wide range of methods and materials, including high-chrome alloys, abrasion-resistant cast iron, ductile iron, cast steel, cast aluminum, cast bronze, and a variety of other special alloys and metals.

MATERIAL OPTIONS:

- High Chrome ASTM A532.
- Ductile Iron ASTM A536.
- ASTM A532 Ni-Hard.
- Gray Iron ASTM A48.
- Cast Steel ASTM A27.
- Aluminum Casting.
- Titanium Casting.
- Acid-Resistant Alloys.
- Bronze Casting.
- Polymer Products.

PRODUCTION CAPABILITIES:

- Investment Casting (Lost Wax).
- Precision Die Casting.
- Lost Foam Casting.
- Sand Casting.
- CNC Machining.
- CNC Waterjet Cutting.
- CNC Plasma Cutting.
- CNC Metal Forming.
- Welding and Fabrication.
- Component Assembly.



TAZA® FLEX 70 & 80

It is a two-component, cold-curing RTV (Room Temperature Vulcanized) polymer system. It is used to repair holes, tears, cracks, and splices in conveyor belts in the mining industry, as well as to repair and mold elastic parts that, once cured, become a medium-hardness elastomer with high abrasion resistance.



12 HOURS AT 77° F TEMPERATURE

Colour:	Maroon	Dielectric Strength:	350 volts/mils
S.G.	1.2	Maximum Elongation:	400%
Hardness / Cure	80-85 SHORE "A"	Shelf Life:	12 months
Hardness / Cure Time:	3 hours	Liquid:	1-6 minutes
Characteristics:	TAZA® FLEX 77°F	Gel:	7-10 minutes

BEFORE



AFTER



TAZA® WEAR

Durable material that provides reliability and quality.

It is a two-component polymer used to repair various components which, after curing, becomes an abrasion-resistant compound reinforced with ceramic beads.



TECHNICAL SPECIFICATIONS

Application:	Repair of impellers, liners, pipes, feed chutes, elbows, etc.	Curing time:	12 hours (adjustable).
Container type:	Bucket or pail	Mixing ratio:	1:2 hardener to resin.
Temperature range:	13-32° (55-90°F).	Working time:	45 minutes.
Color:	Maroon	Item:	Taza® Wear zirconium / ceramic.
Component:	Polymer with zirconium / ceramic beads.	Size:	30 Lb.
Includes:	Resin, hardener, and accessories.		

BEFORE



AFTER



TAZA® BACKING

A two-component epoxy system, easy to mix, with high compressive and impact strength, recommended for pouring into gyratory and cone crushers as a backing compound.



TECHNICAL SPECIFICATIONS

Application:	Repair in crushing or grinding systems	Includes:	Resin and hardener
Container type:	Bucket or pail	Curing time:	8 hours
Mixing ratio:	13 -32 °C (55-90 °F)	Proporción de mezcla:	9:1 (Resina a endurecedor)
Color:	Maroon	Vida efectiva:	30 minutos
Compound:	Two-component epoxy system	Tamaño:	10 kilogramos
		Artículo:	Taza® Backing

APLICACIÓN

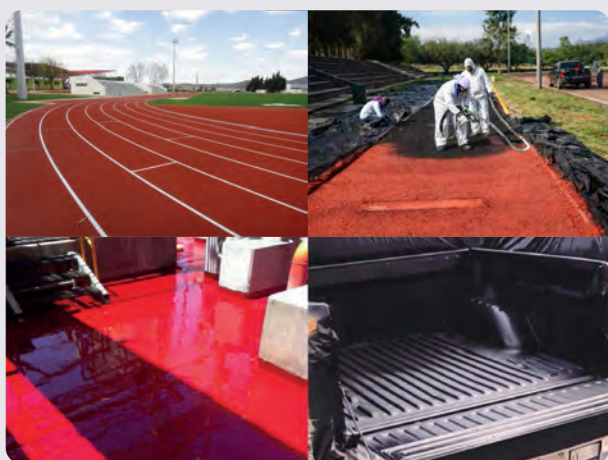


POLYMER SPRAYING / APPLICATION



MECHANICAL PROPERTIES OF POLYMER CASTING

PROPERTY	UNIT	ASTM STANDARD	MAXIMUM VALUE
Hardness:	Shore "A" Hardness	D-2240	90
Tensile Strength:	Lb/ in ²	D-412	1,850
100% Modulus:	%	D-412	1,602
Elongation at Break:	%	D-412	135
Tear Strength:	Lb/ in	D-624	320
Density:	gr/cm ³		1



Applied on any type of surface to protect against abrasion and corrosion. Suitable for tanks, screw conveyors, flotation cells, waterproofing, concrete, railcars, chutes, truck beds, vehicles, and other industrial applications.



TAZA FILL®

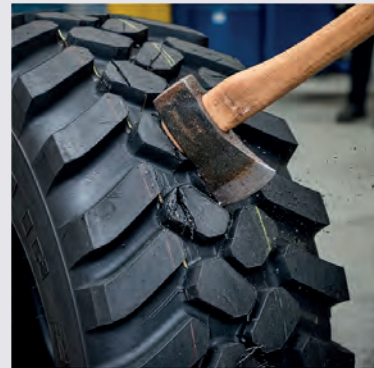
Taza Fill® Flat-Proof System – Your tire remains fully protected, even under extreme loads.

This revolutionary system replaces air with a high-strength liquid polymer that solidifies inside the tire, ensuring:

- Consistent pressure from start to finish.
- Zero downtime due to punctures or cuts.
- Increased safety for both equipment and operators.
- Smooth ride, just like air-filled tires.

APPLICATIONS:

- Underground mining.
- Quarries.
- Front loaders.
- Excavators.
- Aerial work platforms.
- Forklifts.
- Compactors.
- Slag carriers.
- Mobile cranes.
- Tunnel boring machines.
- Municipal waste equipment.
- And more.





PAPER INDUSTRY

We manufacture high-performance pulp separators (cyclones) and drive rings for corrugators. We also replace traditional cardboard cores in tissue winding centers, delivering over 1,000 times longer service life and lower maintenance costs.

PARTS

We manufacture engineering polymers with hardness levels ranging from 25 Shore A to 72 Shore D, selecting the most suitable material according to customer requirements.

We offer:

- Manufacturing of pulp separators and their spare parts.
- Drive rings for corrugating machines.





OIL INDUSTRY

In the extraction of oil and its derivatives, materials capable of withstanding extreme conditions are required. Taza Polymer® develops and formulates a wide range of technical polymer components to maximize industry productivity.

SEALS FOR ROTATING HEADS

We manufacture sealing elements for:

- Rotating heads
- Drilling equipment
- Pressure control systems

Including applications in:

Blowout Preventers (BOP)

Our seals are designed to:

- Maintain system integrity during drilling
- Prevent fluid and gas leaks
- Operate under high-pressure and high-temperature conditions

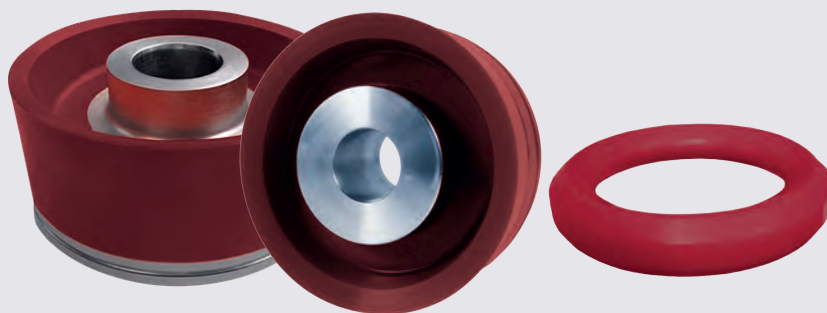


PISTONS AND INSERTS FOR MUD PUMPS

We develop and manufacture elastomeric pistons with metallic inserts for mud pumps used in drilling operations.

We offer:

- High-precision injection molding technology
- Capability to manufacture small parts with integrated metal reinforcements
- Designs engineered to withstand high pressure, friction, and wear



PIPELINE CLEANING PIGS

We manufacture cleaning pigs designed for the maintenance, conditioning, and flow optimization of hydrocarbon transport pipelines.

Our product line includes:

- Straight cups
- Vantage-type cups
- Pig discs

These components are designed for:

- Removal of debris, scale, and accumulated liquids
- Product separation within the pipeline
- Inspection and preventive maintenance
- Improved flow efficiency



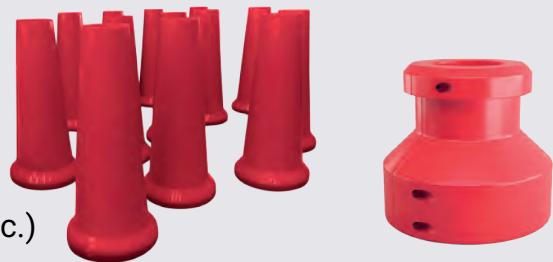
STIFFENERS, OFFSHORE EQUIPMENT

Stiffeners (bend restrictors) are used to protect and support:

- Flexible pipelines
- Umbilicals
- Subsea cables

Especially at critical points where they connect to:

- Rigid structures
- Floating production systems (FPSOs, platforms, etc.)





TEXTILE INDUSTRY

We are the only company in Mexico that coats rollers for acrylic fiber breakers with VULKOLLAN® u otro producto similar desarrollados por Taza Polymer®. Currently, as a recognized supplier approved by the machine manufacturer, we export these components to the United States.

TEXTILE RUBBER ROLLER

Our Taza Polymer® engineering polymer is manufactured using the most advanced technology available in the field of textile rollers.



We offer exclusive roller coating formulations for mercerizing and bleaching lines. These textile cylinder coatings are specially designed to withstand high chemical aggressiveness and elevated temperatures. We also provide a full range of special elastomer coatings that ensure maximum efficiency and performance in moisture extraction for textile finishing padding machines.

OUR PRODUCTS

Taza Elastomers is ISO 9001 certified. We guarantee standardized processes, full traceability, and continuous improvement to deliver consistent, reliable polymers that meet the most stringent specifications. We are also the only company in Mexico licensed by Covestro (Bayer AG) to produce VULKOLLAN®.

EQUIPMENT

Taza Elastomers is at the forefront of the latest international product developments. We manufacture the tools and molds required for part production and machining. We also have advanced equipment for development, manufacturing, inspection, and quality control, ensuring state-of-the-art technology at every stage.

SOME OF OUR EQUIPMENT:

- CNC Machining Center.
- 5-Axis Machining Centers.
- Welding Robots.
- Machining Center.
- Dosing Machine.
- Reactors.
- 3D Scanners.
- Digital Microscope.
- Abrasion Testing Equipment.
- Resilience Tester (Resiliometer).
- Automatic Titrators.
- Laser Cutting Machine.
- Others.



Our polymers outperform traditional materials such as rubber, conventional polyurethane, steel, engineering plastics, and ceramics. We engineer high-performance solutions with hardness ranges from Shore 000 (gel) to 85 Shore D, designed to deliver exceptional durability and reliability in extreme temperatures from -60°C (-140°F) to 150°C (302°F).

OUR PRODUCTS

We operate a world-class Research and Development laboratory, where we design polymer materials at the molecular level to achieve different performance profiles and uniquely optimize their mechanical and chemical properties. Our materials are engineered according to the specific requirements of each application. Our team of engineers continuously refines formulations, driving ongoing improvement in the products we manufacture.

In our R&D laboratory, we conduct physical and chemical testing on all raw materials and finished products to ensure full traceability and consistent quality.

Our polymers stand out for their outstanding resistance to:

- Abrasion.
- Impact.
- Tensile Stress.
- Elongation.
- Resilience.
- Tear.
- Corrosion.
- Ozone, Oils, and Solvents.
- Weathering.
- And More.



Our polymers outperform conventional materials such as rubber, standard polyurethane, steel, engineering plastics, and ceramics. We formulate polymers with hardness ranges from Shore 000 (gel) to 85 Shore D. Our components are designed to operate in temperatures ranging from -60°C (-140°F) to 150°C (302°F).