



COMPANY PROFILE

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ABOUT US

Isoflex Polymer is a trusted name in the rubber manufacturing industry, dedicated to delivering high-quality, precision-engineered rubber products for diverse industrial applications. With a strong foundation in innovation and expertise, we specialize in producing seals, gaskets, O-rings, anti-vibration mounts, bushings, washers, and other customized rubber components using state-of-the-art moulding, extrusion, and vulcanization techniques.

At Isoflex Polymer, our commitment to quality, reliability, and customer satisfaction drives us to continually improve our products and manufacturing processes. We cater to a wide range of industries, including automotive, plastic, packaging, textile, machine manufacturing, and engineering sectors. Our ability to customize products as per specific client requirements makes us a preferred partner for businesses seeking precision, durability, and efficiency.



OUR VISION

We envision becoming a globally recognized leader in rubber manufacturing, known for our commitment to excellence, innovation, and customer satisfaction.



OUR MISSION

Our mission is to deliver superior-quality rubber products that meet the highest industry standards while offering customized solutions tailored to our clients' specific needs.

MACHINERY WE HAVE



Mixing Mill



Press One:
400*400mm



Press Two:
600*600mm



Extruder

TRACK PAD FOR ASPHALT / CONCRETE PAVER & EXCAVATOR

Track Pads are designed to be thicker, more robust, and longer-lasting, thanks to advanced technology and the careful selection of high-quality materials. These pads not only protect the surface but also deliver the essential traction needed by your machine.

FEATURES:

- **Efficient Installation & Replacement:** Track Pads are easy to install and replace, helping reduce machine downtime and labor costs.
- **Superior Surface Protection:** They provide excellent protection for surfaces and prevent damage to paved roads, unlike bare steel tracks.
- **Enhanced Durability:** State-of-the-art technology improves tensile strength, ensuring smooth movement and efficient operation.
- **Extended Operational Life:** Track Pads are designed to last for up to 4,000 working hours.
- **Versatility:** Chain-on rubber track pads are also available in 450mm and 600mm sizes.

MATERIAL PROPERTIES

The Rubber Track Pad absorbs vibrations during machine operation, safeguarding the undercarriage parts from premature loosening. It also offers superior traction for uphill climbing and helps prevent slippage, even on rainy days or when parking on slopes.

INTERNAL STRUCTURE

Track Pads feature an internal support frame that ensures the rubber portion wears evenly. This structure protects the track shoes, allowing for reuse over time.



EXTERNAL FEATURES

Exclusive chamfer designs minimize the risk of scratches on the ground, reduce rubber chunking at the edges, and aid in smoother turning and movement of the machine.

OVERALL DESIGN

Track Pads can be replaced independently without needing to remove or change the track shoes, saving both time and costs during maintenance.






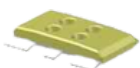
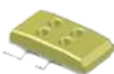
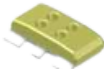
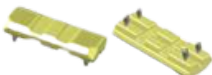



EXCAVATOR TRACK PAD

TRACK PAD	SIZE	BRAND	MODEL NO.
	250MM	JCB, SANY	JCB TMX20, SNAY SY 26
	800 MM	HYUNDAI	HYUNDAI 220

TRACK PAD	SIZE	BRAND	MODEL NO.
	230MM	APOLLO, KUBOTA, SANY	KP1200 NEW, KUBOTA U15/U17, SANY SY 20
	450MM	TATA HITACHI	EX-70
	600MM	VOLVO	VOLVO EC 210
	500MM	SANY, HYUNDAI, TATA HITACHI, SDLG	SANY SY 140, HYUNDAI R140, HITACHI EX110, SDLG(E680FI)
	450MM	HYUNDAI, KOMATSU, SDLG	HYUNDAI 85A, KOMATSU PC71, SDLG(E680FI)
	600MM	VOLVO	VOLVO EC200D
	600MM	TATA HITACHI	HITACHI EX 210 LC SUPER
	500MM	TATA HITACHI	ZX 120, 140, 200
	300MM (200 CENTER)	TATA HITACHI, KUBOTA	TATA HITACHI, KUBOTA 30U
	400MM	APOLLO, DOOSAN BOBCA, JCB	DOOSAN BOBCAT, APOLLO 400, 800, JCB 5 TON
	405MM	MANITOU	MANITOU
	600MM	L&T KOMASTU, SANY	L&T KOMATSU 210, SANY SY 210

This excavator track pad collection offers a range of sizes and models compatible with various brands, including JCB, Hyundai, Sany, and Tata Hitachi. Designed for durability and optimal performance, these track pads ensure smooth operation across different excavator models.

PAVER TRACK PAD

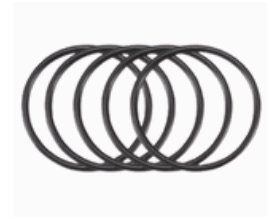
TRACK PAD	SIZE	BRAND	MODEL NO.
	450MM	APOLLO	AP 1000
	230 MM	APOLLO	KP 1200
	260 MM	VOGELE	VOGELE - 1300
	300MM	BITELLI	BB651C, BB670C, BB671C ETC
	300MM	VOLVO	VOLVO - P5320B
	500MM	WIRTGEN	SP 1600
	300MM	WIRTGEN	SP 850
	260MM	WIRTGEN	W200, 195, TCM 1800, 180, 95, 951
	350 MM	WIRTGEN	SP 94
	300MM	VOLVO, BITELLI, TITAN	BITELLI VOLVO DYNAPAC- F181C
	300MM	VOGELE	VOGELE - 1800, 2100, 1400
	300MM	WIRTGEN	SP64, SP500, SP250

This list provides track pad sizes and model numbers for paving machines from brands like Vogele, Apollo, Bitelli, Volvo, and Wirtgen. It covers sizes from 230 mm to 500 mm, tailored for specific equipment models.

O-RINGS

These sealing materials are widely used across various industries due to their durability, flexibility, and resistance to harsh conditions. Available in different sizes, colors, and hardness levels, they provide customized solutions for automotive, plumbing, industrial, and aerospace applications.

- **Materials:** EPDM/NBR/SILICON/NEOPRENE
- **Hardness:** 50-80A Shore
- **Usage:** Sealing applications in automotive, plumbing, industrial, and aerospace sectors.
- **Customization:** Available in different sizes, colors, and hardness.



CYLINDRICAL ANTI-VIBRATION MOUNTINGS

Cylindrical Anti-Vibration Mountings are components used to reduce vibrations and noise in mechanical systems. These mountings provide isolation between vibrating machinery and surrounding structures, improving system performance, longevity, and comfort. Commonly used in automotive, generators, compressors, and heating/cooling systems, they help maintain smooth operation by absorbing vibrations and minimizing noise transmission.

- **Materials:** NR/NBR/EPDM
- **Hardness:** 40-90A Shore
- **Customization:** Various sizes available as per client requirements.



RUBBER BUSHES

Rubber bushes are durable, flexible components used to absorb shocks, reduce vibrations, and provide insulation in various applications. they are widely used in automotive suspension systems, machinery, and industrial equipment.

- **Materials:** Silicon/NR/NBR/EPDM/Neoprene
- **Hardness:** 40-90A Shore
- **Applications:** Used in automotive suspension systems, machinery, and industrial applications.
- **Customization:** Available in different shapes and sizes.



RUBBER WASHERS

A rubber washer is a flat, circular component made from flexible rubber material, designed to provide a tight seal between two surfaces. It helps prevent leaks, dampens vibrations, and reduces wear in various applications, including plumbing, automotive, and industrial machinery. Rubber washers are resistant to water, oils, and chemicals, ensuring durability and reliability in different environments.

- **Hardness:** 40-90A Shore
- **Customization:** Available in custom sizes and colors.
- **Applications:** Used in plumbing, automotive, and machinery for sealing and cushioning.



RUBBER GASKET

A rubber gasket is a flexible sealing component designed to prevent leaks between two joined surfaces. Made from durable rubber materials, it provides a secure, airtight, and watertight seal in applications such as plumbing, automotive, aerospace, and industrial machinery.

- **Applications:** Used in generators, automotive, compressors, and machinery for sealing and preventing leaks.
- **Customization:** Available in different materials and sizes based on industrial needs.



RUBBER GROMMET

A rubber grommet is a flexible, ring-shaped component used to protect wires, cables, and pipes from abrasion, vibration, and sharp edges. It is commonly inserted into holes in metal, plastic, or other hard materials to provide insulation, reduce friction, and prevent damage.

- **Applications:** Used in electronics, automotive, and instruments for protecting wires and cables from sharp edges.
- **Materials:** Silicon/NBR/EPDM/Neoprene
- **Customization:** Custom shapes and sizes available.



CUSTOMIZED RUBBER MOULDING ITEMS

Rubber customized molding items are specially designed rubber components manufactured to meet specific shapes, sizes, and functional requirements. These molded rubber products are created using techniques like compression, injection, and transfer molding, ensuring precision and durability.

- **Materials:** Various rubber materials as per client specifications.
- **Applications:** Used in automotive, industrial machinery, and medical equipment.
- **Customization:** Made as per customer requirements and drawings.



SILICON RUBBER PROFILES

Silicone rubber profiles are flexible, durable, and heat-resistant sealing components used in various industrial applications. Made from high-quality silicone rubber, these profiles provide excellent resistance to extreme temperatures, UV rays, chemicals, and moisture. They are widely used in automotive, aerospace, construction, and food industries for sealing, insulation, and vibration damping.

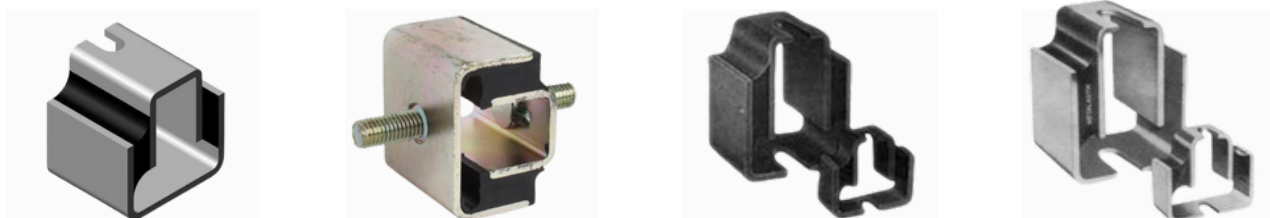
- Available in square and rectangular cross-sections for industrial sealing applications.
- **Customization:** Available in different sizes and colors



U SHEAR MOUNTS

U shear mounts are flexible anti-vibration mounts designed to absorb shocks, dampen vibrations, and reduce noise in machinery and equipment. They feature a U-shaped rubber section bonded to metal plates or brackets, allowing multi-directional vibration isolation.

- Designed to absorb shocks and vibrations in industrial applications.
- **Applications:** Used in HVAC systems, compressors, and heavy machinery.
- **Customization:** Tailored to specific load requirements.



CUSHY FOOT MOUNTS

Cushy foot mounts are anti-vibration mounts designed to provide superior shock absorption and noise reduction in machinery and equipment. Made from high-quality rubber with a sturdy metal base, these mounts help isolate vibrations, enhance stability, and extend the lifespan of industrial and mechanical systems.

- Used in compressors, construction plants, and generators to absorb vibrations and improve stability.
- **Customization:** Available in various sizes and load capacities.



INDUSTRY WE SERVE



Automobile
Industry



Plastic
Industry



Packaging
Industry



Textile
Industry



Machine
Manufacturing



Engineering
Applications



Construction
Equipment Mfg.



Valve
Industry



Chemical
Industry



Food &
Beverages



Steel
Industry

» and
many more...

Isoflex Polymer's expertise spans various industries, providing tailored solutions for each sector's unique needs. From high-performance automotive seals to sanitary components for food and beverage, our products are designed for durability and efficiency. With a focus on innovation and customer satisfaction, we deliver reliable solutions that meet industry standards and support business success.

CERTIFICATIONS OF EXCELLENCE



We have certifications that highlight our dedication to quality and industry excellence.



Isoflex Polymer is a leading manufacturer of high-quality polymer solutions, serving diverse industries with innovative, durable, and sustainable products.



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