

COMPANY PROFIL



SURFACES PROTECTION

PRELIMINARY

ARISHIN INDONESIA is a company in the form CV established on 2 August 2012, which is one of the services industry spare parts for all kinds of industry with **Polyurethane material Rubber, Silicone Rubber, Neoprene, and Rubber Lining (Coating)**. We are present in the notaben Batam Batam industry is industry town that became a national and international power because it was setragis in Asia landmark flanked by Malaysia and Singapore. General workshops ARISHIN INDONESIA CV is Relining (or patching recycled or re tread industry for all kinds of components for use Urethane, Rubber, Silicone Rubber and Rubber Lining (Coating) and create a new one corresponding component of the workpiece and the wishes of the customer. We also accept Relining workmanship, Rubber, Silicone, Nbr seta Coating tank in it. For we also provide product Polyurethane Foam Polyurethane / sprai.

For the workshop we were in office Buana Vista Indah 1 Blok K No. 22, Belian, Kota Batam, Batam

We Profesional in Rubber Linig



What is Rubber Lining.?

Rubber Lining is the skilled application and bonding of rubber sheet to specially prepared surfaces. The rubber can be applied as either unvulcanised material which is then vulcanised and hot bonded – usually in a steam autoclave, or as pre vulcanised material which is cold bonded using two part adhesives. The fully bonded lining provides a durable and resilient protective rubber coating that will withstand very aggressive process conditions and applications. Rubber Linings and Coatings can be from 2mm to 50mm thick depending on the application, and can be bonded to mild steel, stainless steel, cast iron and aluminium.

Applied Rubber Linings are The Quality Rubber Lining Company in the , operating from premises in Gloucester. Supplying rubber linings and coatings for mineral extraction and processing, water and effluent treatment, metal finishing, materials handling and many other industrial applications. Our envied reputation within the plant lining industry is based on decades of quality, reliability, innovation, affordability and professional integrity. Corrosion, Chemical Attack, Abrasion & Wear, Weathering, Ozone, Vandalism, Acids or Alkalis, Oils or Grease, Sea Water and River Water. Rubber linings are cut to size and applied by hand from un-vulcanized rubber sheets. The rubber lined parts are then vulcanized, the heat and steam reacts with the bonding systems and the rubber to create an extremely aggressive bond to the steel. The following types of equipment are often rubber lined: Pressure vessels, storage tanks, hoppers and chutes, pipe, impellers, filter plates, valves, Road tankers, Rolling stock tankers etc.



SURFACES PROTECTION

MANUFACTURERS POLYURETHANE RUBBER

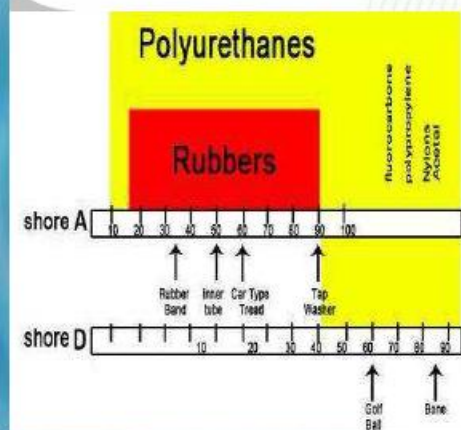
Polyurethane (PUR and PU) is a polymer composed of organic units joined by carbamate (urethane) links. While most polyurethanes are thermosetting polymers that do not melt when heated, thermoplastic polyurethanes are also available. Polyurethane polymers are traditionally and most commonly formed by reacting a di- or polyisocyanate with a polyol. Both the isocyanates and polyols used to make polyurethanes contain on average two or more functional groups per molecule.

Applications



Superior cost advantage and performance has led to many instances of replacing metal, rubber, wood and plastic with Erapol elastomers. Some applications are shown in the table below.

| Industry | Applications |
|----------------------------------|--|
| Automotive | Grommets, bearings, bushes, flexible couplings. |
| Building and Construction | Moulds for concrete, gate seals, concrete pump parts, waterproofing. |
| Coated fabrics | Conveyor belts, fuel storage tanks, power transmission belts. |
| Electrical | Encapsulation, insulation, potting, cable joining. |
| Engineered Components | Gears, sprockets, wire guides, rail draft gear, stripper plates, press brake pads, textile yarn guides, cutting boards, business machine belts, couplings. |
| Food | Chute lining, grain buckets. |
| Mining | Bucket liners, conveyor rollers, scraper blades, floatation cell impellers, pump linings, grading screens, lined pipes, cross-over pads. |
| Oil, Chemical and Marine | Bushings, bearings, hydrocyclones, buoys, pipeline pigs and scrapers, fenders, valve seats. |
| Rollers | Board rollers, nip rollers, metal forming, printing, conveyor, can coating, paper mill. |
| Seals and Gaskets | Pneumatic and oil seals, diaphragms. |
| Footwear | Shoe soles, bottom moulding diaphragms, wear plates, energy absorbing insoles. |
| Wheel and Tyres | Fork-lift tyres, heavy duty castor wheels, escalator wheels, roller skate wheels, roller blade wheels. |



Polyurethane have 3 to 5 times Load Bearing Capacity vs Rubber



SURFACES PROTECTION

**VISI PERUSAHAAN**

Arishin Indonesia mempunyai tujuan menuju perusahaan global dengan menyediakan produk unggulan.

MISI PERUSAHAAN

Arishin Indonesia menyediakan produk berkualitas dengan harga kompetitif serta pengiriman tepat waktu dan melayani pelanggan secara profesional melalui sumber daya manusia dan teknologi.

PROFILE PERUSAHAAN

Nama Perusahaan

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Bidang Usaha

: The Manufactures Polyurethane And Rubber Lining.



SURFACES PROTECTION

PRODUCT OF ARISHIN INDONESIA

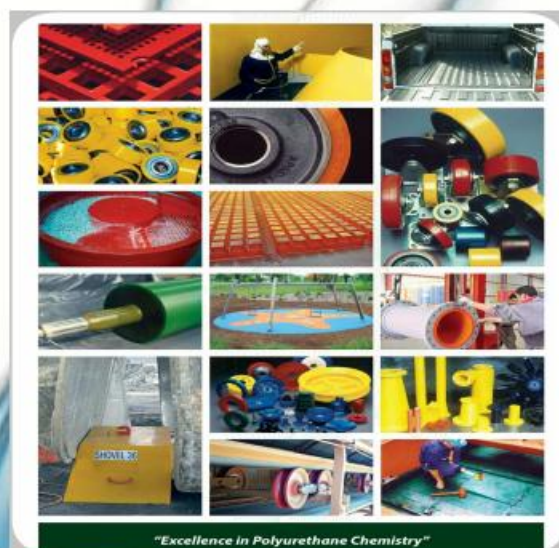
1. MATERIAL POLYURETHANE / URETHANES

Our company also uses raw materials of polyurethane that has durability, elastic, supple and friction power are very good indeed. By providing materials shore of A35-A95 and Shore D60-75.

ADVANTAGES POLYURETHANE

- Very diverse hardness from shore A to shore D.
- Extremely resistant to wear.
- Extremely resistant punches.
- Very good against the carrying capacity.
- Excellent elasticity and resistance to fatigue [fatigue].
- Remain flexible at low temperatures.
- Ability good insulation.
- Resistance to the ugliness caused by the atmosphere, oxygen and ozone.
- Resistant to oil, grease and several chemicals.

Product Of Polyurethane



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2. MANUFACTUR SILICONE RUBBER, NEOPRENE, & RUBBER

Our company also uses Silicone Rubber material, Neoprene, Nbr for industry with the specification, depending on the purpose or use of violence A20 - A75 as well as heat-resistant to temperatures up to 300 degrees. Examples for pads, wheel, roller printing, conveyor and others. Product Rubber Sheet, Roll & Moulding.

**3. RUBBER LINING & COATING**

Our company also received a coating workmanship for Rubber Lining tank, pipes and tanks Insulation of all kinds and can be adjusted to the material used ataaau adjusted with its user applications. For coating thicknesses ranging from 1.5mm - 25 mm depending on customer demand and its user applications:



SURFACES PROTECTION

Product & Services

Lining

- Rubber Lining
- Flake Lining
- Ceramic Lining
- Brick Lining
- Etc. Lining

Coating

- Wear Resistant Coating
- Epoxy Coating



Product & SERVICE

- *. Rubber Lining
- *. Flake Lining
- *. Ceramic Lining
- *. Etc

COATING

- *. Wear Resistant Coating
- *. Epoxi Coating
- *. Etc



RUBBER LINING MATERIALS & SPECIFICATIONS

| Material | Type | Thickness mm | Hardness | Tensile Strength | Elongation | Physical Properties Bonding Strength Kg/cm ² | Surface Temp. K/g/cm | Abrasion | Curing System | Characteristics |
|--------------------|-------------------|-----------------|---------------------------------------|---------------------------------------|----------------------|--|----------------------------|--|--------------------------------------|--|
| HARD RUBBER | B1 HARD- 10 | 3-5 | 60-80 Shore D, ASTM Standard | ≥ 200Kg/cm ² JIS K-6301 | ≥ 5% JIS K-6301 | ≥ 100 JIS K-6301 | Below 90°C | - | Exhaust cure/ Hot Bonding | Resistance against highly corrosive materials |
| | B1 HARD- 20 | 3-5 | 60-80 Shore D, ASTM Standard | ≥ 200Kg/cm ² JIS K-6301 | ≥ 5% JIS K-6301 | ≥ 100 JIS K-6301 | Below 90°C | - | Autocure/ Hot Bonding | Resistance against highly corrosive materials |
| | B1 HARD- 30 | 3-5 | 60-80 Shore D, ASTM Standard | ≥ 200Kg/cm ² JIS K-6301 | ≥ 5% JIS K-6301 | ≥ 100 JIS K-6301 | Below 90°C | - | Exhaust cure/ Hot Bonding | Low Ca ⁺⁺ & Mg ⁺⁺ Compound Suitable for application which demanding low Ca & Mg ions |
| SOFT RUBBER | B1 SHEET- N | 3-5 | 50-60 Shore A, Standard | ≥ 150Kg/cm ² JIS K-6301 | ≥ 500% JIS K-6301 | ≥ 5.0 JIS K-6301 | Below 90°C | ≥ 250 mm ² CHN 53516 | Protocure/ Cold Bonding | Highly Resistant, good shock absorption, Chemical Resistance |
| | B1 SHEET- A | 3-5 | 50-60 Shore A, Standard | ≥ 150Kg/cm ² JIS K-6301 | ≥ 500% JIS K-6301 | ≥ 5.0 JIS K-6301 | Below 90°C | ≥ 180 mm ² CHN 53516 | Protocure/ Cold Bonding | Excellent abrasion Resistance, highly Resistant, good shock absorption, Chemical Resistance |
| | B1 SOFT- 11 | 3-5 | 50-60 Shore A, Standard | ≥ 150Kg/cm ² JIS K-6301 | ≥ 500% JIS K-6301 | ≥ 4.5 JIS K-6301 | Below 90°C | ≥ 150 JIS K-6301 | Protocure/ Hot or Cold Bonding | Abrasion Resistance, Chemical Resistance |
| EPDM RUBBER | B1EP-V | 3-5 | 60-80 Shore A, Standard | ≥ 200Kg/cm ² JIS K-6301 | ≥ 300% JIS K-6301 | ≥ 5.0 JIS K-6301 | Below 130°C | ≥ 250 mm ² CHN 53516 | Protocure/ Cold Bonding | Excellent Weathering and Ozone Resistance, Excellent Res. Water Resistance, High Chemical Resistance |
| CHLOROPRENE RUBBER | B1CR-V | 3-5 | 55-65 Shore A, Standard | ≥ 150Kg/cm ² JIS K-6301 | ≥ 500% JIS K-6301 | ≥ 4.5 JIS K-6301 | Below 100°C | ≥ 250 mm ² CHN 53516 | Protocure/ Hot or Cold Bonding | Excellent Weathering, Res. Ozone, Heat Resistance, Moderate Oil Resistance, and Chemical Resistance |
| NITRILE RUBBER | B1NR-V | 3-5 | 50-60 Shore A, Standard | ≥ 100Kg/cm ² JIS K-6301 | ≥ 250% JIS K-6301 | - | Below 100°C | ≥ 300 mm ² CHN 53516 | Protocure/ Cold Bonding | Oil & Solvent Resistance, Good Abrasion Resistance and Heat resistance |
| BUTYL RUBBER | B1BUTL-V | 3-5 | 55-65 Shore A, Standard | ≥ 150Kg/cm ² JIS K-6301 | ≥ 500% JIS K-6301 | ≥ 5.0 JIS K-6301 | Below 100°C | ≥ 250 mm ² CHN 53516 | Protocure/ Cold Bonding | Excellent Weathering and Ozone Resistance, Excellent Res. Water Resistance, and highly Chemical Resistance |

MAIN CUSTOMER :

Customer currently in Indonesia and Singapore.

CONTACT PERSONE



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