

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 seteragis in Asia landmark flanked by Malaysia and Singapore. General workshops ARISHIN INDONESIA CV is Relining (or patching recycled or re retread 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.



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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.

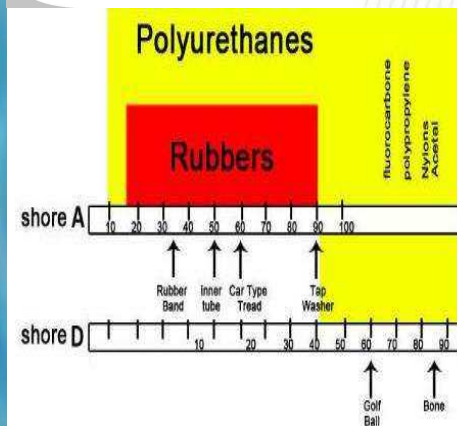
Polyurethane polymers are traditionally and most commonly formed by reacting a di- or polyisocyanate with a polyol. Both the isocyanates and polyols used to make polyurethanes contain on average two or more functional groups per molecule.

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

CATEGORY	RUBBER	POLYURETHANE
Wheel Size	Ø 125 x T 50 x W 50 mm	
Load Rating	130 kgs	520 kgs
Load Ratio	1	4

Quoted from "http://www.servicecaster.com/Blickle_Catalog/Blickle_Catalog.pdf"

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

: CV. ARISHIN INDONESIA

Alamat Office: Komplek Buana Vista Indah 2 Blok A No 40 Belian,
Batam Kota - Batam 29464, Kepri, Indonesia

Workshop

: Ruko Buana Vista Indah 1 Blok K No 22

Phone

: +62778 4802354
+6285101158540

Fax

: -

Email

: group@arishinindonesia.com

Website

: www.arishinindonesia.com

Bidang Usaha

: The Manufactures Polyurethane And Rubber Lining.



PRODUCT OF ARISHIN INDONESIA

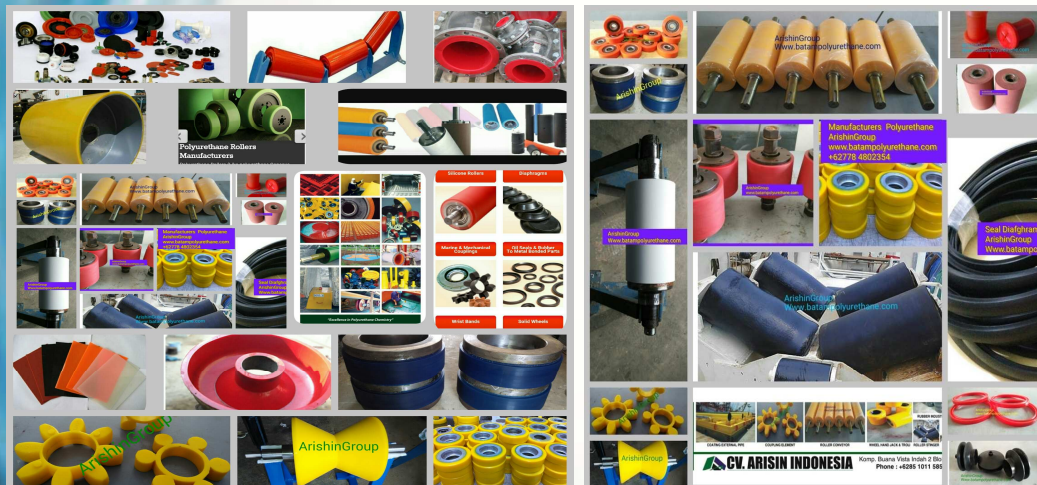
1. MATERIAL POLYURETHANE / URETHANES

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



SURFACES PROTECTION**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:



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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

Wear Resistant Coating



Epoxy Coating



RUBBER LINING MATERIALS & SPECIFICATIONS

Material	Type	Thickness mm	Hardness	Tensile Strength	Elongation	Bonding Strength Kg/cm ²	Service Temp. Kg/cm	Abrasion	Curing System	Characteristics
HARD RUBBER	BI HARD. 10	3 - 6	60 - 80 Shore D; ASTM Standard	≥ 200Kg/cm ² JIS K - 6371	≥ 5%; JIS K - 6301	≥ 100 ; JIS K - 6301	Below 90°C	-	Exhaust cure/ Hot Bonding	Resistance against highly corrosive Materials
	BI HARD. 20	3 - 6	60 - 80 Shore D; ASTM Standard	≥ 200Kg/cm ² JIS K - 6371	≥ 5%; JIS K - 6301	≥ 100 ; JIS K - 6301	Below 90°C	-	Autoclave cure/ Hot Bonding	Resistance against highly corrosive Materials
	BI HARD. 30	3 - 6	60 - 80 Shore D; ASTM Standard	≥ 200Kg/cm ² JIS K - 6371	≥ 5%; JIS K - 6301	≥ 100 ; JIS K - 6301	Below 90°C	-	Exhaust cure/ Hot Bonding	Low Ca ⁺⁺ & Mg ⁺⁺ Compound Suitable for application which demands low Ca & Mg ⁺⁺ ions
SOFT RUBBER	BI - SHEET- N	3 - 6	50 S; JIS A; Standard	≥ 150Kg/cm ² JIS K - 6301	≥ 550%; JIS K - 6301	-	Below 90°C	≤ 250 mm ³ DIN 53516	Rotocure/ Cold Bonding	Highly Resistant, good shock absorbent, Chemical Resistance
	BI SHEET- A	3 - 6	50 S; JIS A; Standard	≥ 150Kg/cm ² JIS K - 6301	≥ 550%; JIS K - 6301	-	Below 90°C	≤ 180 mm ³ DIN 53516	Rotocure/ Cold Bonding	Excellent resistance, Highly Resistant, good shock absorbent, Chemical Resistance
	BI SOFT. 11	3 - 6	50 S; JIS A; Standard	≥ 150Kg/cm ² JIS K - 6301	≥ 550%; JIS K - 6301	≥ 45 ; JIS K - 6301	Below 90°C	≤ 250 mm ³ DIN 53516	Rotocure/ Hot or Cold Bonding	Abrasion Resistance, Chemical Resistance
EPDM RUBBER	BI EP-V	3 - 6	60 S; JIS A; Standard	≥ 70Kg/cm ² JIS K - 6301	≥ 300%; JIS K - 6301	-	Below 130°C	≤ 250 mm ³ DIN 53516	Rotocure/ Cold Bonding	Excellent Weathering and ozone Resistance, Excellent Sea, Water Resistance, and High Chemical resistance.
CHLOROPRENE RUBBER	BI CR-V	3 - 6	55 S; JIS A; Standard	≥ 100Kg/cm ² JIS K - 6301	≥ 550%; JIS K - 6301	≥ 45 ; JIS K - 6301	Below 100°C	≤ 250 mm ³ DIN 53516	Rotocure/ Hot or Cold Bonding	Excellent Weathering, Sea water, Heat Resistance, Moderate Oil Resistance, and High Chemical Resistance.
NITRILE RUBBER	BI NR-V	3 - 6	55 S; JIS A; Standard	≥ 100Kg/cm ² JIS K - 6301	≥ 250%; JIS K - 6301	-	Below 100°C	≤ 300 mm ³ DIN 53516	Rotocure/ Cold Bonding	Oil & Solvent Resistance, Good Abrasion Resistance and Heat resistance.
BUTYL RUBBER	BI BUTYL- V	3 - 6	55 S; JIS A; Standard	≥ 100Kg/cm ² JIS K - 6301	≥ 550%; JIS K - 6301	-	Below 100°C	≤ 250 mm ³ DIN 53516	Rotocure/ Cold Bonding	Excellent Weathering and ozone Resistance, Excellent Sea, Water Resistance, and High Chemical resistance.

MAIN CUSTOMER :

Customer currently in Indonesia and Singapore.

CONTACT PERSONE



Arishin Indonesia



group@arishinindonesia.com
arishingroup@yahoo.co.id



www.arishinindonesia.com



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ARISHININDONESIA



www.batampolyurethane.com

+6285101158540

+62778 4802354

+6281364233392

