

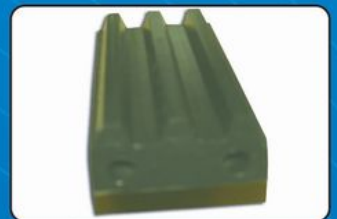
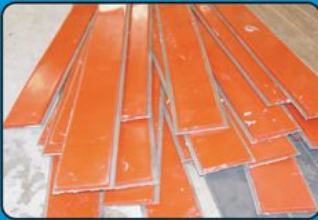
HITECH POLYMERS



أنظمة التقنية العالية - بوليمر

Hi-TECH Systems Polymer Division

Specialist in Rubber and Polyurethane products



In Technical Collaboration with NOTEDOME U.K.

Introduction

A 100% Saudi owned Establishment located in 2nd Industrial Area Dammam, Kingdom of Saudi Arabia specialized in Rubber, Products and services. We have contracted with several Multinational Companies around the Globe in the following area to deliver **quality product within the committed time.**

Our dedicated, trained, professional force are committed to provide excellent services to the clients. Numerous exclusive agencies, coupled with competitive business sources around the world allow us to maintain wide scope of supplies and to ensure outstanding value for our customer's.

We consider every clients as a business partner no matter the size of the business involved. We take special care in the supervision for our customer's shipment from production to shipping, and we value the feedback received from our customers regarding our services and commodities.

We are also very proud to have great relationship with our customers based on trust and reliability. Our Goal is to Gain you as one of our list of customers.

Our Mission

Provide innovative and cost effective rawmaterials, products and services for petrochemical, oils and gas, mining, power, transportation, marine, packing etc. by serving with world class quality products.

Our Vision

To be the leading service providers in the middle East, To be the first choice organization to our Employees, customers and suppliers.

RANGE OF PRODUCTS

- * **Polyurethane Rollers, Wheels, Sheets**
- * **Polyurethane Flooring**
- * **Moulded and Extruded Products**
- * **Marine Fenders - D, Square, Cylindrical, Arch, Super Cell types**
- * **Various Teflon and Nylon Products**
- * **Rubber Lining of Tanks, Vessels, Pipes, Spool**
- * **Conveyor Belts, Rollers, Systems etc**
- * **Safety Products, Road Humps, Corner Guards, Wall Protectors etc**
- * **Various Types of Rubber Sheets Bridge bearing Pads**
- * **Bellows and Expansion Joints**
- * **Printing Rollers for Plastic, Can coating, Paper Industry etc.**



ABOUT HI-TECH POLYURETHANES

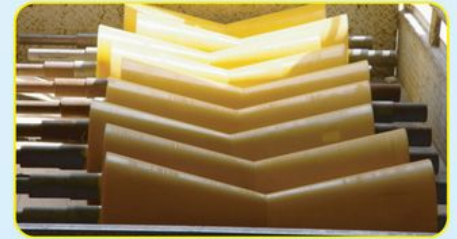
Invented in 1937, Polyurethane is the only material which can combine the characteristics of Rubber and Plastic. This enable Polyurethane become a versatile Polymer in the industry. HI-TECH Polyurethanes from M/s. HI-TECH System introduces wide range of Polyurethane products with latest Technological support.



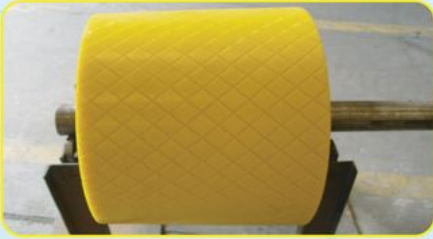
CAN COATING ROLLERS



STEEL MILL ROLLERS



DIABLO ROLLERS



STEEL COIL DRIVE ROLLERS



POLYURETHANE TYRE



GROOVED ROLLERS



ROTATOR WHEEL



WHEELS



PROFILES



HYDROTEST RUBBER PROFILES



RUBBER HANDLE



RUBBER SHEETS



BUTTERFLY VALVE SEAT RING



ROAD HUMPH



MOULDED GOODS



RUBBER LINING



TRAFFIC SAFETY PRODUCTS



TEFLON PRODUCTS



POLYURETHANE PROFILES



NYLON ROLLERS



METAL ROLLER

••• HI-TECH POLYURETHANES - APPLICATION AREA •••

Engineering	Rollers, Contact wheels
Aerospace	Tooling, Forming Sheet and Blocks
Woodworking	Sandling Rollers. Glue / Veneer applicators
Marine	Rope Protectors, Fenders
Oil and Gas	Hydra cyclones, Track Pads, Pipe Line Cleaning Pigs Bushing, Bearings, hydro cyclones, buoys, pipile pigs and scrapers, fenders, valve seats.
Paper and Print	Print and Feeder Rollers, Cutting Anvils
Quarry / Mining	Scrapers, Linings, Side Skirts
Textile	Rollers, Cots and Sleeves
Food Processing	Rollers, Scrapers
Mechanical	Conveyor Parts, Grippers, Fork truck Wheels
Water Utilities	Scrapers, Scum boards, Wheels
Glass	Arrising Wheels, Washing rollers, Sleeves
Leisure	Theme Park Ride Wheels, Traction Wheels

COMPARISION OF PROPERTIES WITH OTHER RUBBERS AND PLASTIC

PROPERTY	Natural Rubber	S.B.R.	Nitrile	Neoprene	Butyl	HI-TECH Polyurethanes	Rigid P.V.C.	E.P.R.	Silicone	H.D. Polythene
Gum	20+	Below-7	Below-7	20+	17					
TENSILE (MPa)						27 to 45	41+	24	7	20+
Black Loaded	20+	14+	14+	20+	17					
ABRASION RESISTANCE	E	G	E	G	F-G	Outstanding	G	E		F
ATMOSPHERIC AGEING RESISTANCE	P	P	P	E	G-E	E	G	E	E	G
OXIDATION RESISTANCE	G	G	F	G	G	E	G	E	E	G
Aliphatic	P	P	E	G	P	E	G	P	G	G
HYDROCARBON RESISTANCE										
Aliphatic	P	P	F	F	P	G	P	P	G	G
TEAR RESISTANCE		F	F	F-G	F	Outstanding	F	G	F	F
IMPERMEABILITY TO GASES	F	F	G	G	E	G-E	G	P-F	F	G-E
PETROL & OIL RESISTANCE	P	P	E	G	P	E	F	F	G	F

E=Excellent G=Good F=Fair P=Poor

FACTORY & LABORATORY FACILITIES



OTHER PRODUCTS FROM HI-TECH SYSTEMS

Base Material

Natural Rubber, PVC, HDPE, LDPE, PP, Neoprene Rubber, EPDM, Butyl, N BR, Silicon, Viton, Styrene Butadene Rubber Blend Rubber etc.

Offshore Products :

Fenders: "D" shape, Round Fenders, Square types, Arch, Super Cell types.

Packing: All packing with different sizes, and different material: Neoprene, EPDM, Natural Rubber and Viton.

Gasket and Washers: Fabricated or Molded.

Extruded Products like Various Profiles, O ring Cords of Different Sizes, Channel, Sleeves, Expansion Joints etc.



Constructin Products

- Car Humps & Vehicle Stopper
- Gymnasium Flooring Rubber sheet.
- Swimming pools polymer sheet in different colors
- Corner Protection and Guards
- Horse Stable Mats
- Door seals and packing.
- Bridge and construction Bearings.
- Playground flooring.
- Different flooring mats for normal and special needs.



Industrial Products

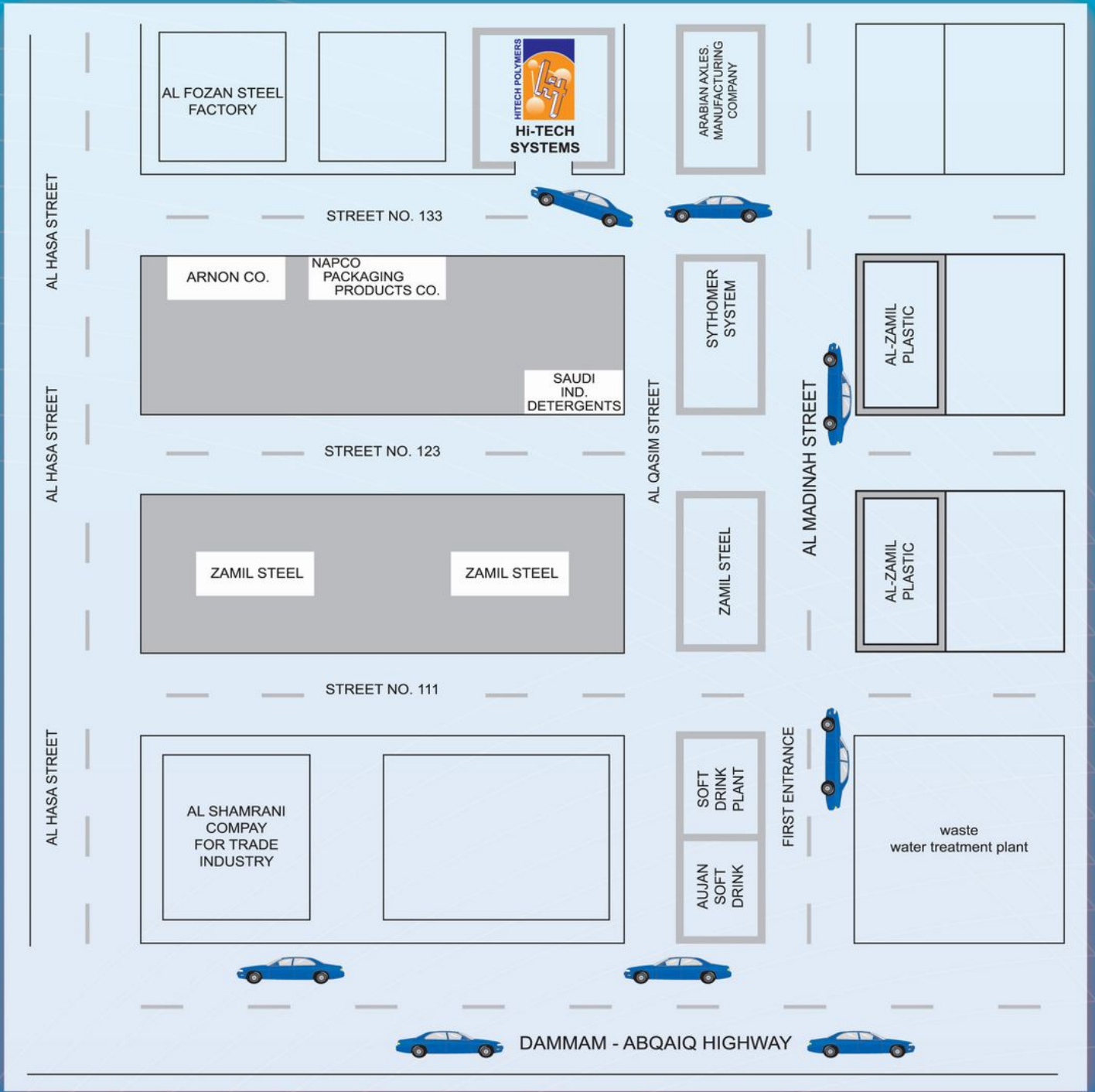
- Tanks and reservoir **rubber lining** for water or Acid usage
- Rubber Rollers
- Custom Made Products
- Seals and Valve Seats.
- Rubber curtains and expansion joints.
- Grommets and Electrical seals and packing.
- O Rings
- Buffers and Enging mountings.
- Heat resistance hoses.
- Pressure and vacuum hoses
- Rubber sheets for special and general-purpose usage.
- Shot blast Resistance and Hi-Technical Natural sheet rubber.



Other Industrial Products

- Conveyor Belts
- Rubber Wheels
- Anti Vibration Pads
- Elastomeric Bearing Pads of Any Size
- Cutless Bearings of Various sizes
- Bellows and Expansion Joints
- Electrical Mats





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