



Manufacturing of Rubber Conveyor Belts
Rubber Sheets, Rubber Lining, Rubber Parts





Zarin Baspar Iranian Company was established at Kheyraabad Industrial Township in the city of Arak (Markazi) Province of Iran in 2007.

The Company was founded by specialized and experienced forces in the area of producing various types of Conveyor Belts and Rubber Sheets such as Rubber linoleum, reversible and flat industrial sheets knurled Sheets reinforced with cotton fabric, nylon, polyester, canvas... with 1500 tons capacity per year. By using advanced machinery and lab equipments, specialist and efficient human resources and up-to-date quality system, and inspired by the organizational vision of the Company and the long-term planning of its managers and personnel to achieve objectives such as producing products in global standards, development of domestic products for self-sufficiency program, helping technical, quality and economic growth of the country and increasing the exports, presently this company is working with 5000 tons capacity per year. By trusting God and owing to the efforts of the Company's persistent and hardworking personnel, this Company has been already established its place in major industries of the country such as South Pars Petrochemical Company in supplying it with Rubber lining for tanks , marine jackets stands Covering, Shock Absorbers, Fenders, Covering of Acid tanks of Plumb, Zinc , Gold &... for companies of the country.



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GOLDEN POLYMER





Rubber conveyor belt is widely used in different industries and is produced in various types. For that purpose polymer substances are used in rubber production for achieving different types of tensile and frictional resistance, electricity proof property, and resistance against special chemicals. A brief description of the most consumed products is listed below:

Textile Conveyor Belts:

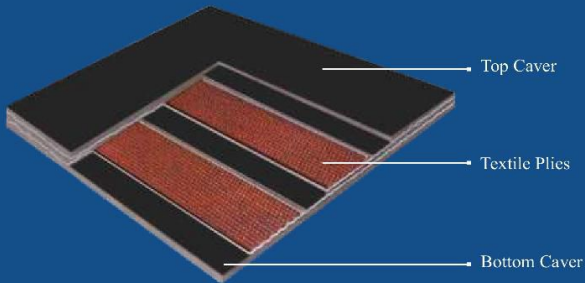
Rubber belts reinforced with textile are made of several layers of fabric and calendared rubber with standard thicknesses, including the following items:

- **Support Structure Carcass**
Support Structure Carcass is the main source of overall strength of conveyor belt for material transportation and movement of conveyor machine which is made of one or more layers of coated carcass with rubber.
Different types of carcass in conveyor belts in general:
EP-100, EP-125, EP-160, EP-200, EP-250

- **Rubber Cover :**
Rubber covers are aimed to protect the carcass structure against mechanical shocks, stress, and tearing during transportation of materials. The covers include the following standard types:

Cover Type	Breaking Strength (Mpa)	Elongation (%)	Abrasion Resistance (mm ³)
AA W(DIN 22102)	18	400	90
A X(DIN 22102)	25	450	120

Conveyor Belts





- Rubber Conveyor Belts resistance against (special) chemicals.

Belts resistant against oil, grease, sulfur, acid, marine salt, printing ink, etc...which is usually produced based on the customer's orders and demands in special procedure.

This type of Belt is used in Oil, Gas, petrochemical, agriculture and recycling industries, etc.



- Canvas Conveyor Belt.

This Belt is used in pharmaceutical and foodstuffs industries.

This Belt, produced by white canvas with capability to carry food stuffs and drugs materials is exclusively produced by this company and is available in different dimensions and sizes.



- General Purpose Conveyor Belts:

This type of belt is one of the most consumable types of belts and is usually used in industries such as cement, stone, gypsum, fertilizers, bricks and clay, carton cardboard, airport industries, mines, etc.

- Abrasion Resistant Conveyor Belts:

This type of conveyor belt with W type cover (DIN 22102) is more resistant against abrasion than the belts with general applications. These belts are used in industries like Quartz, stone, glass, pyrite, iron materials, zinc, limestone, and furnace hot wastes.

- Heat-Resistant Conveyor Belts:

These belts are used to carry hot matters of temperatures above 60°C.

T1: maximum temperature 100 C.

T2: maximum temperature 125 C.

T3: maximum temperature 150 C.

The specifications of Conveyor Belts offered by this company:

Type of Belt	Carcass Construction	Breaking Strength (N/mm)min
EP-100/1	1x EP-100	100
EP-200/2	2x EP-100	200
EP-315/2	2x EP-160	315
EP-315/3	3x EP-100	315
EP-400/2	2x EP-200	400
EP-400/3	3x EP-125	400
EP-500/3	3x EP-160	500
EP-500/4	4x EP-125	500
EP-630/3	3x EP-200	630
EP-630/4	4x EP-160	630
EP-630/5	5x EP-125	630
EP-800/4	4x EP-200	800
EP-800/5	5x EP-160	800
EP-1000/5	5x EP-200	1000



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- Rubber Sheets
(Thickness from 0.6mm to 30mm)
- One side (ordinary) knurled Rubber Sheets, reversible flat and knurled reversible (plain and reinforced by cotton fabric).
- Electricity insulator Rubber Sheets.
- Sheets resistant against chemicals such as grease, oil, petrol, acid...
- Rubber lining (surface and tanks cover) resistant against acid, oil, friction or abrasion, salt water...
- Rubber parts used in automotive, oil and gas, petrochemical industries...
- Special Rubber products (by using Viton , silicon and polyurethane systems)
- Compounding

The specialist managers of *Zarin Baspar Iranian*, with more than 30 years of experience in design and production of various types of Rubber compounds for different industries are honored to supply the dear customers various types of compounds in different qualities and price rates:

- Production of Rubber compound based on formulations.
- Production of compound based on price offer.
- Compound additives:
Process improvement additives.
Price lowering additives.