



Marketing Division of: Anar Polymer Industries

Rubber Concept

Catering to the requirement of various industries by offering an array of premier grade Rubber components since 1984.....

In an effort to serve the Rubber Industry with latest technological advancements, Mr. Darshan Shah have stepped ahead with establishment of an entity: “**Rubber Concept**” in alliance with “Anar Polymer Industries”

Mr. Darshan Shah: M. Tech (IIT-Kharagpur), B.E. (Rubber Technology)

Rubber Concept has a goal to cater Rubber market with continuous innovation in manufacturing process to achieve best quality. We are backed by a qualified team of acumen and pro-active employees as well as advanced machinery to engineer world class products for our reputed clients.

Anar Polymer Industries is a renowned manufacturer and exporter of unmatched rubber components **since 1984**. Promoted by **Mr. Janak Shah** and **Mr. Ajay Shah**, Anar Polymer Industries has seen growth by leaps and bounds owing to its integrity, reliability and complete understanding of the market dynamics

Our vision is to achieve Rubber Products manufacturing leadership in supplying **High Quality Rubber Products** and Solutions of Rubber Queries to our clients in selected horizontal and vertical segments, by **Combining Technology Skills, Compounding Expertise, Process Focus and a Commitment to Long-term Customer Relationships**.



Rubber Roller

After spending years in Research & Development of Rubber Rollers & their compounds, with graceful experience and in depth knowledge of the field we have finally introduced a trustworthy brand **"RubCon"** that caters to various segments of Industries.

Rubber Concept offers an unmatched value proposition when it comes to products and services specifically tailored to end use applications. Our focus on the details in this niche market has helped our customers improve roll performance and reduce maintenance down time expense. We are constantly working to refine our products, service and support to meet the ever diverse operating conditions of this industry.

"RubCon" rollers are widely used in various applications:

- ❖ Bag Making
- ❖ Lamination
- ❖ Flexo Printing
- ❖ Offset Printing
- ❖ Metal Processing Industry
- ❖ Food Industry
- ❖ Glass Industry
- ❖ Material Handling Industry
- ❖ Blown Film Extrusion
- ❖ Solventless Lamination
- ❖ RotoGravure Printing
- ❖ Paper Industry
- ❖ Coating Industry
- ❖ Leather Industry
- ❖ Textile Industry
- ❖ Wood Industry



Salient Features of “RubCon” Rollers:

- Dimensional accuracy, Grinding tolerance up to 15 microns.
- Uniform Hardness.
- Excellent Surface Finish.
- Resistance to printing chemicals, oils and ozone prevents shock and crack damage.
- High Abrasion Resistance.
- Excellent Metal to Rubber Bonding.
- Dynamically Balanced.
- Rollers free from pin holes and surface defects.
- Custom built to suit the different running speed of the machines and local atmospheric conditions.
- Rubber Compounds free from foreign particles, to avoid any damage to adjacent systems.

Right Rubber for the application

Our team of specialists offers an extensive background in engineering, covering chemistry and the capability to design coverings to meet the most demanding applications. We can insure our customers to get the most suitable covering for the specified application with our own experience. This technical expertise and the extensive understanding of roll applications and requirements remains the most important distinguishing characteristic of the company.

- | | |
|---------------------|-------------------------------|
| ❖ Silicone Rubber | ❖ Hypalon (CSM) Rubber |
| ❖ Nitrile Rubber | ❖ Carboxylated Nitrile Rubber |
| ❖ EPDM Rubber | ❖ Chloroprene Rubber |
| ❖ Polyurethane (PU) | ❖ Natural Rubber |



Roller Engineering:

The technical expertise and the extensive understanding of roll engineering remains one of the distinguishing characteristics of **Rubber Concept**. We offer a wide array of roll engineering capabilities for numerous industries and applications.

Core Fabrication:

Rubber Concept designs and manufacture precisely machined quality cores. All cores are machined to center axis. **Rubber Concept** emphasize that latest engineering codes and practices are adopted during production process from material selection, machining, assembly and welding. For the fabrication of core, high grade steel material is selected for fabrication. Seamless pipes of proper wall thickness are used. The shafts are shrink-fitted into pipe. The final assembly is machined on lathes as a single component.

Dynamic Balancing:

At **Rubber Concept**, we believe rolls must be dynamically balanced in order to function properly. This is essential to the proper function of the roll in applications where rolls operate at elevated operating speeds. The center of axis of a roller must lie along the axis of rotation. Imbalance causes premature excessive wear of machine parts. It can cause uneven wear and rolls to heat-up in service. Imbalance forces soar as machine speeds increase. Imbalance can cause premature bearing failure. Depending on the requirements, we carry out dynamic balancing of roller to ensure hassle free long life of operations.

Cylindrical Grinding:

In printing industry, Quality of printing depends on Printing Ink, Paper and Rubber Roller Quality, while the most important factor for Rubber Roller quality is its finishing. Understanding this, **Rubber Concept** uses cylindrical grinding method for its roll, which gives best finishing, giving dimensional accuracy as low as 10-15 microns.



Rubber Concept

....Complete Solution in Rubber Technology

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Some of the photographs of “**RubCon**” Rollers:



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