



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**.

## Moulded and Die Punch Gasket

A gasket is a mechanical seal that serves to fill the space between two objects in order to prevent leak between two objects while under pressure. In other words, gaskets are used to stop fluid or gas leaks by providing a barrier or a seal between two mating surfaces. The moulded gasket must be able to maintain a seal or block under temperature and pressure changes.

Rubber Concept supply both Moulded as well as Die Punch Gaskets.

**Moulded Gaskets:** These gaskets are moulded in the accurate designed moulds. Different types of Rubbers are used to manufacture these gaskets. Base Polymer is selected on the basis of application environment. Different rubbers used at Rubber Concept are:

- Silicone Rubber
- Nitrile Rubber
- EPDM Rubber
- Chloroprne (Neoprene) Rubber
- Natural Rubber

Depending on the end use requirement, gaskets can be made **endless in continuous length** by step moulding method. Gaskets, made by this process under hydraulic pressure ensures compact micro-structure and durable product

**Die-Punch Gasket:** To ensure close dimensional control of bores, gaskets can be punched from sheet with accurately designed Dies. Different materials can be used to make such gaskets

- Cross-linked PE Foam
- Rubber
- Asbestos and Non-Asbestos

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Cross-linked Foam used by Rubber Concept possess following properties:

- ❖ Ultra low Density (SG: less than 0.1)
- ❖ Excellent Compression Strength and Recovery.
- ❖ Low Hardness
- ❖ Good Thermal stability (can withstand temperature upto 120 deg C)
- ❖ Lower cost compared to similar Rubber material

Above properties make them ideal material for the low-duty gasket application.

These gaskets are available with various options:

- ❖ Thickness Range: 2 mm to 50 mm
- ❖ Size Range: 10 mm to 800 mm
- ❖ With or Without Single side Adhesive backing

Some of the photographs of Gaskets are:

