



**Ashoka Rolls**

# Our story



Ashoka Group of Industries founded in 1982

Swami Gutta- legacy of experience in paper manufacturing

Ashoka Rolls founded in 2004.

What we do - manufacture, supply and export rubber rollers for

- Paper manufacturing industry
- Printing and packaging industry
- Steel and textiles industry

Facilities in Delhi and Ahmedabad- State of the art manufacturing.

High and scalable production capacity

# Our products for you



Rollers for paper manufacturing

Rollers for printing & packaging

Rollers for steel and textiles

Rollers rubber coverings

At Ashoka Rolls, we manufacture rollers for paper industry and printing industry- masters in rubber coating of rollers i.e. re-rubberizing of rollers, high quality precision custom rollers and a variety of repair and maintenance services, complete facilities to manufacture steel shells, strip rubber coating on shells by automatic strip building machine, grinding, vulcanizing and handling of rolls up to 40 Ton weight, 12000 mm length and 1800mm diameter.

## Why Ashoka Rolls - Strengths that make us a world class player.

1. Wide product range for various industries
2. Customer focussed approach
3. Competitive pricing
4. Cutting edge technology
5. Excellent manufacturing facilities
6. Committed and experienced workforce
7. Reliable leadership team
8. Supply capability across India
9. Deep understanding of clients

The dedicated technical team of Ashoka Rolls is able to gauge the requirement of our client partners with excellent accuracy which enables it to add to our state-of-the-art infrastructure

We procure and import raw materials from very reliable sources in India as well as from the international market.

The quality of our product is minutely checked at each stage of production to ensure supply of flawless product to our client partners.

# Mission

**To be a global leader in the manufacturing of rollers.**

Ashoka rolls aims to deliver operational excellence through dedicated teamwork of our ingenious professionals and our dynamic work environment.

We promise to deliver high-quality products and services to our client partners. At the heart of our commitment is our vision to be acknowledged as a global leader in rollers industry, admired for our people, processes, partnership, and performance.



High quality precision customized Rubber Rollers for Paper manufacturing, Printing and Packaging and Steel and Textiles Industries.

# Rollers for **Printing Industry**



We also offer special rubber compound for UV printing, varnish & coating rollers that guarantees durable and seamless performance. Our CNC Lathes enable us to provide you the most accurate and precise product for your business.

We offer a wide range of rollers for the Printing Industry and work with major Indian newspapers, OEMs and leading commercial printers.

Our rubber rollers are aimed at enhancing the printing quality & performance of your Printing machines.

## Rollers for Offset Printing

Heidelberg ◇ Komori ◇ Goss ◇ Dominant ◇ Solna ◇  
Roland ◇ Mitsubishi ◇ Sakurai ◇ Orient ◇ Planeta ◇  
Akyama ◇ Manugraph ◇ High lines ◇ Swift ◇  
AutoPrint

## Rollers for Web Offset Printing

- Prakash Web Offset
- Ronald
- Nbg
- Naph Graphic

- **Rolls for Rotogravure Printing**

- **Rolls for Flexographic Printing**

- **Lamination Rolls (Hot, Cold and Thermal)**

# Rollers for Paper Manufacturing Industry

Ashoka Rolls advanced rubber material technology lets us maximise the performance of a production line, forming, pressing, drying and finishing section. Our roll covers are based on state-of-the-art polymer and latest technologies that provide excellent wear resistance, stable roughness & hardness and durability in demanding operating environment enabling trouble-free roll run period.

We provide rolls for

- Forming section
- Press section
- Dryer section
- Coating and sizing
- Calendar grinding
- Reeling and winding



## Forming section

- Breast roll
- Couch roll
- Forming roll
- Lump breaker roll
- Table roll
- Wire roll
- Wire suction roll
- FDR roll

## Press section

Our rollers provide high surface stability, no marking, sufficient nip and high wear resistance

Our Press section rollers range from economical rubber covers for less demanding application to the toughest roll covers providing the most efficient dewatering technology

- Jumbo press - Blind drilled roll
- Center press roll
- Top press roll
- Felt guide roll
- Suction press roll
- Vented or grooved press roll

## Dryer

- Felt roll
- Dryer paper guide roll
- Touch roll
- Spreader roll
- Paper lead roll

## Coating and sizing

We manufacture high quality film press covers & size press covers. The film sizing & film coating process has direct impact on paper & board quality, paper strength and paper appearance.

Our sizer roll covers produce excellent paper quality due to uniform coat weight & reducing skipping, splashing or misting of sizer rolls.

- Coater applicator roll
- Backing roll
- Size press roll hard
- Size press roll soft
- Film press roll

## Calendar rolls grinding

- Calendar hard coating for single nip & multi nip (plain & Custer).
- Soft nip calendar
- Chilled roll.

## Reeling and winding

- Reel spool roll (Tambour roll)
- Reel drum hard & soft roll.

# Roller coverings

## OUR HIGH TECH RUBBER COVERINGS

### ASH-BLACK

Hardness	100° A
Thickness	7 – 15mm
Temperature Resistance	Up to 80° C

Highly polished covering to resist the attacks of fabric conditioning chemicals and solvents. It enjoys extreme wear and tear resistance and can be doctored. This cover enjoys high water repellence, Suitable for Felt Roll and Dryer Felt Roll.

### ASH-FOURD

Hardness	94 – 98° A
Thickness	10 – 20mm
Temperature Resistance	Up to 110° C

The basic characteristic of this cover is to prevent the wire slippage and enhance the life of wire. The cover is resistant to attacks of mild wire chemicals. This cover is used in Fourdnier Couch Roll, Forward Drive Roll and Breast roll.

### ASH-MATE

Hardness	10 – 45 P&J.
Thickness	13 – 26mm.
Temperature Resistance	Up to 120° C

This soft rubber cover has vibrant properties satisfying the sizing applications of a paper machine. This cover enjoys good chemical resistance and is resistant to elevated sizing material temperature.

### ASH-TOUCH

Hardness	85 – 96° A
Thickness	15 – 25mm
Temperature Resistance	Up to 105° C

This new engineered rubber cover is suitable for heavy nip loads at elevated temperature on MG. It has got excellent wear and heat resistance. The rubber is tough enough at heavy loads.

# Roller coverings

## ASH-ROCK

Hardness	0 - 1 P&J
Thickness	11 - 20mm
Temperature Resistance	Up to 90° C

This is a superb hard cover for Top Press, Size Press position and has good wear and tear resistance property. The cover can withstand doctoring also.

## ASH-TOUCH HR

Hardness	90 - 92° S A
Thickness	15 - 25mm
Temperature Resistance	Up to 140° C

This is a specialty rubber coated roll for MG Touch Roll. It features excellent heat resistance property, good elasticity and good chemical and wear resistance.

## ASH-STONE C

Hardness	0 - 1 P&J
Thickness	11 - 20mm
Temperature Resistance	Up to 120° C

This is a rock hard cover with outstanding abrasion resistance. This cover fulfills the sheet release property and enjoys good repellence. This can be easily doctoring and enjoys resistance to press part chemicals. This cover is usually used in Centre Press rolls and Top Press Rolls.

## ASH-SOFTEX

Hardness	30-45° SA
Thickness	15-35 mm
Temperature Resistance	Up to 80°C

Very soft, non adhesive rubber cover for Couch Rolls and Lump Breaker Rolls. It has got excellent wear and chemical resistance property. It breaks the lumps to form uniform pulp.

# Roller coverings

## ASH-PRESS

Hardness	83 - 93° A
Thickness	15 - 25mm
Temperature Resistance	Up to 100° C

A suitable Press Roll cover, having high wear resistance property and resistance to attacks of mild chemicals

## ASH-TECH PRESS

Hardness	82 - 95° A
Thickness	15 - 25mm
Temperature Resistance	Up to 110°C

Highly versatile rubber cover for heavily nip loaded Press Rolls and Blind Drilled Press Rolls. This cover has got excellent heat characteristics and high wear and tear resistance.

## ASH-TAN

Hardness	90 -95° S A
Thickness	7 - 15mm
Temperature Resistance	Up to 80°C

This roll cover has very high wear and tear resistance and antistatic properties for better sheet release on the rewinder and increases the life of pop reel drum. This cover is suitable for Tambour Rolls.

## ASH-TECH HEAVY PRESS

Hardness	88-92° S A
Thickness	15-22mm
Temperature Resistance	Up to 120°C

This cover is especially engineered for heavily nip loaded (25-400kg/cm) Press Rolls. This cover enjoys anti hysteresis property. It has got highly abrasion resistance and wear and tear resistant property.

# Roller coverings

## ASH SOFTEX LB

Hardness	35 - 45°SA
Thickness	15 - 25mm
Temperature Resistance	Up to 80°C

It is a soft elastomeric compound that Lump breaking rolls need to continuously release fiber from their surface. It's low but uniform pressure smoothens and de-waters the paper as it leaves the fabric, providing the desired finish. It is resistant to most paper making chemicals. Most suitable for Lump Breaker Rolls application.

## ASH-CONVEY

Hardness	70-85° SA
Thickness	15 - 20mm
Temperature Resistance	Up to 120°C

This cover features excellent abrasion resistance as well as wear and tear resistance, ideal for conveyor belts. Drifting of conveyor belt is overcome by grooving on the roller surface, thereby increasing the life of the conveyor belts.

## ASH-KOTE

Hardness	65-75° SA
Thickness	20-25mm
Temperature Resistance	Up to 120°C

This cover has superior marking and crack resistance to withstand wad impact and sheet raps, while maintaining superior resistance to provide long runs. It also exhibits excellent chemical resistance to paper making machine. Most suitable for Backing rolls application.

## Ebonite

Hardness	100° SA
Thickness	5-10mm
Temperature Resistance	Up to 80°C

This is a heavily cross-linked hard cover for Felt Rolls and Table Rolls. It features good wear and tear resistance and antistatic property.

# Active Research and Development



## **People - Process - Performance.**

Ashoka rolls is continuously on the path of innovating new rubber compounds for complicated and high-tech presses and machines.

**We believe in constant and never-ending improvement, a Japanese method of quality management. It is part of our DNA. We live those values every day.**

# Our markets in India and outside



We supply rollers pan India from our two state of the art manufacturing facilities - in Ahmedabad and in Delhi with capability and vision to establish more units in near future.

Our international markets include Bangladesh, Kenya, Sri Lanka.



# Exhibitions





**Ashoka Rolls**

**Contact us**

Ashoka Rolls Manufacturers Pvt. Ltd

21, Jawahar Nagar Indl, Area, Gali No-5, Loni Road, Delhi- 110094

70m, G. I. D. C., Vatva Industrial Estate, Vatva, Ahmedabad, Gujarat

**Shilpi Goel - Director, Sales | +91 9811604000 | [shilpi@ashokarolls.com](mailto:shilpi@ashokarolls.com)**