

“Defining trust through **quality & service**”



**gayatri rub tech**®

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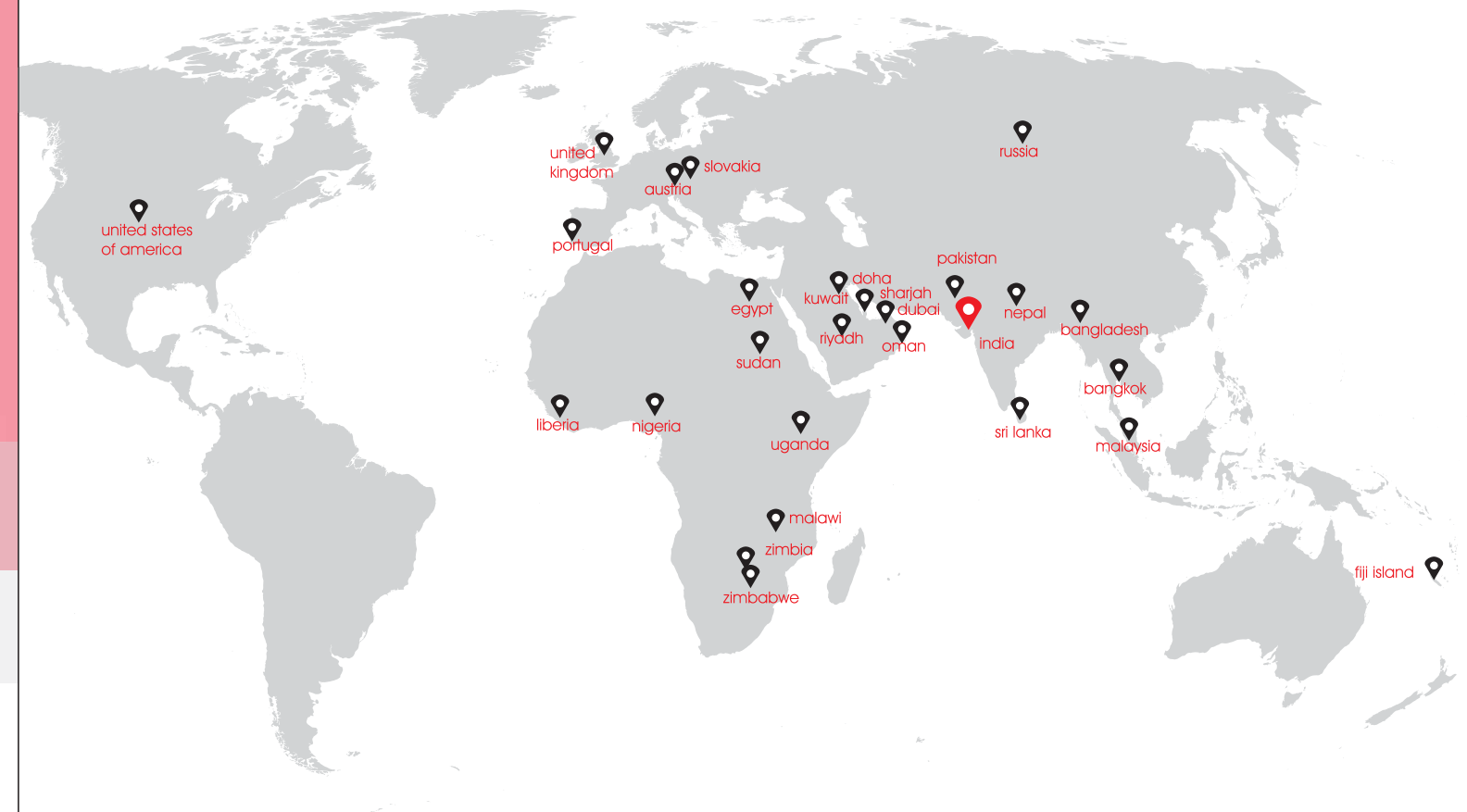
“we mean quality...  
we deliver it the best”

a firm belief and strong focus have pillared **gayatri** since its establishment in 1990 by the visionary, mr. prahlad patel. sited in vatva, the most developed industrial zone of ahmedabad, gujarat, **gayatri** has left no stone unturned to achieve deserved heights of success through the combined efforts of prahladbhai patel, jitendra patel & sanjay patel.

**gayatri** began its journey through the production of rubber rollers for local machinery manufacturers. these domestic supporters encouraged team **gayatri** towards taking big strides like exhibitions nationally and internationally. with all the local support and self-dedication, **gayatri** received its first export order in 2005, which destined its international presence. the delivery of precision and quality is the credibility of **gayatri** and this is the very reason for its international growth.

**gayatri** now holds worldwide prominence with its rich experience and expertise in manufacturing its world-class products. using advanced technology yet providing cost effective solutions has been gayatri's forte.

we, at **gayatri**, owe prowess in a wide range of products which include gravure & lamination rubber rollers, solventless & base lamination rollers, solventless lamination sleeve, rotogravure sleeve, flexo graphic rubber roll, silicone rubber roll, rubber expander roller (banana roll), diamond cut roll, groove roll, ms steel roll (mirror finish roll) & more...



## international footprints

gayatri has always aimed high and believed in worldwide existence. the wide range of products and the provision of quality by meeting international standards are the elements that have enriched the efficacy to focus exquisitely. gayatri is excelling in the export market due to the quality of its products and maintenance of international standards of these products along with the provision of after-sale services assuring best value for money.

since the last 2 decades, gayatri has been successful in bonding relationships with its valued clients internationally.



## rubber rollers... excellence personified

### salient features

- 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 rubber bonding
- dynamically balanced
- rollers are free from pin holes and surface defects
- customized to suit different running speeds of the machines and local atmospheric conditions
- recently launched antistatic roller to eliminate the static charge generated from the normal roller

### types of rubber

- nitrile rubber
- neoprene rubber
- EPDM rubber
- hypalon rubber
- butyl rubber
- silicone rubber
- natural rubber
- p.v.c. nitrile rubber
- ebonite rubber
- polyurethane rubber
- viton rubber

### products at a glance

- special gravure, flexo, rubber rollers
- special for solventless rubber rollers
- lamination rubber rollers
- printing machine rubber rollers
- plastic machine rubber rollers
- tin printing roller
- plywood machine rubber rollers
- woven sack machine
- abrasive machine rubber rollers
- biscuit machine rubber rollers
- paper printing rubber rollers
- all types of rubber & ebonite rollers
- hard chrome plating rollers
- extrusion coating rollers
- solventless metering rollers (R1,R2,R4)
- polyurethane (pu) rollers
- textile mill rubber & ebonite rollers
- chilling rollers
- u.v. coating & printing machine rollers
- mirror finish rollers
- vmch coating rollers
- heat & press lamination rollers
- paper coating rollers
- polyband expander rollers
- banana rollers (bow)
- colour coating rollers
- slitter machine rollers

### steel industries

- galvanizing line roller
- Pickling line roller
- colour coating line roller

### CTL runner roller

- squeeze rolls
- steening rolls
- deflector rolls
- pinch rolls

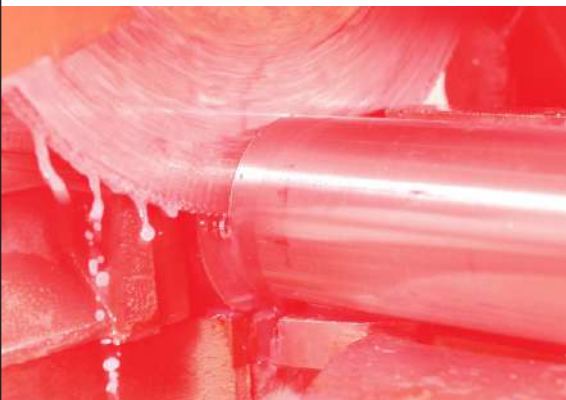
### vision

gayatri's perception is to pursue expanding their international reach through the trust of valued clients, technology and strategic management. initial success on the international scene has not only strengthened the company's confidence and determination, but also has helped in the steady growth of the company.

### mission

with highest determination and sheer hardwork, gayatri has strided to be a yardstick of quality and service. the company's pursuit is customer satisfaction through excellence in product quality and provision of optimum services to fulfill market requirements.

“quality,  
commitment and  
dedication leads  
to customer  
satisfaction”





## gravure printing & lamination rubber rollers

gayatri rubtech is the most acknowledged manufacturer, supplier & exporter of rotogravure rubber & lamination rubber rollers in indian & international printing industries. our rollers are made by using the ultimate quality raw material and world-class technology for most excellent printing results. rollers are available in EPDM, neoprene & nitrile rubber with different bearing sizes as per client's necessity. at gayatri, there is a provision of customized products as per client requirement.

- hi-speed rotogravure impression roller
- lamination rubber roller
- EPDM rubber base
- neoprene rubber base
- nitrile rubber base
- shore hardness 60-65 & 70-75 as per client requirement
- jointless & antistatic
- solvent resistant polymers
- surface grinding, dynamic balance
- all diameters & bearing sizes



### applications

- hi-speed gravure printing machine
- lamination machine
- nip rollers



## ms steel roll & chilling roller (hard chrome & mirror finish)

### applications

- extrusion machine's chilling rollers
- hi-speed slitting machine, extruder machine
- vmch coating machine
- hi-speed gravure machine
- lamination machine
- machine roll for all types of plastic
- solventless machine (R1, R2, R4, metering roll)
- sheet line machine
- all types of plastic machine steel rollers



## special groove rollers

- vertical groove
- helical groove
- screw cut groove
- horizontal groove
- double helical groove
- diamond cut groove
- all types of grooves



### applications

- cutting sealing machine
- pouch machine
- removes all types of wrinkles & slipping



## rubber expander roller (banana roller)

- gear box, pedestal wall mounting & foot mounting
- surface polishing
- all lengths & diameters

### applications

- for lamination machine
- woven sack machine
- extruder machine
- machinery for all types of plastic
- textile & paper machinery

## solventless & base lamination rollers

- special research compound = gayatri 100<sup>tm</sup>
- shore hardness 80-85 as per requirement
- excellent chemical resistance & durability
- surface grinding, dynamic balance
- all diameters & bearing sizes

gayatri rubtech offers solventless lamination rubber rollers to our esteemed customers at most competitive prices in different diameters & bearing sizes. the material used to make these rollers is specially researched and called gayatri 100. on client demand, these rollers are generally available in shore hardness 80-85. the outstanding performance of these rollers can be glimpsed in solventless machines like nordmeccanica, pelican, comexi, expert, uflex, c.trivedi, centre, suddha, fadia, kohli, canara flex, bobst-schiavi.

### For Machines,



## anilox roll

## ceramic roll

### applications

- flexo machine
- U.V coating
- offset
- coting machine

### applications

- solventless lamination
- coating
- hot melt coating
- nip roller (both coting & winding side)





## solventless lamination sleeve



**product type**  
fibre sleeve rollers

**rubber type**  
EPDM & hypalon

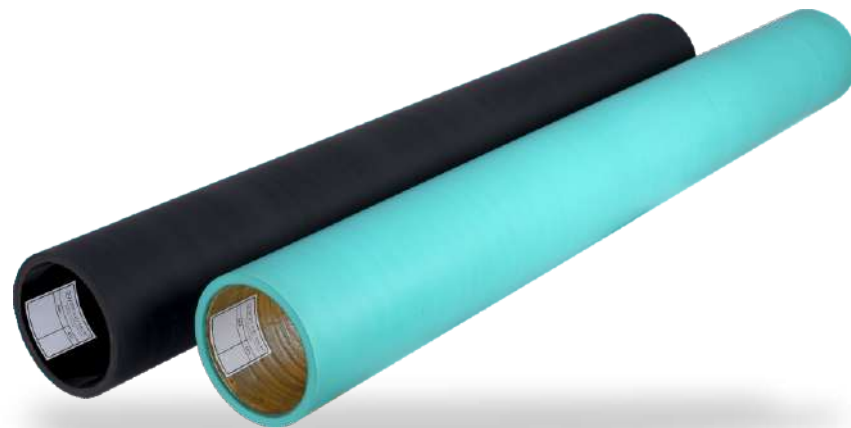
**description**  
conical sleeve system

**shore A**  
80-85

**conical value of the inner sleeve**  
0.2 mm/m | 0.3 mm/m

**recommended cleaning**  
50 ethylacetate | 50 alcohol

## rotogravure sleeve



gravure printing is a high-quality printing technique that fulfills high demands. for long-lasting stability in gravure printing the major role player is the ink.

gayatri rubtech offers suitable elastomer covers with materials based on epdm, nbr, hypalon, ecovision for different types of gravure printing inks. pressers with electrostatic printing assistance (esa) are now a breakthrough and are in increasing demand with increased printing quality.

### types of roller sleeves

- standard pressers (without esa)
- pressers with electrostatic printing (esa)  
1-layer/2-layer/3-layer

### sleeve types by shapes

- conical sleeve system
- cylindrical
- hardness 70-75

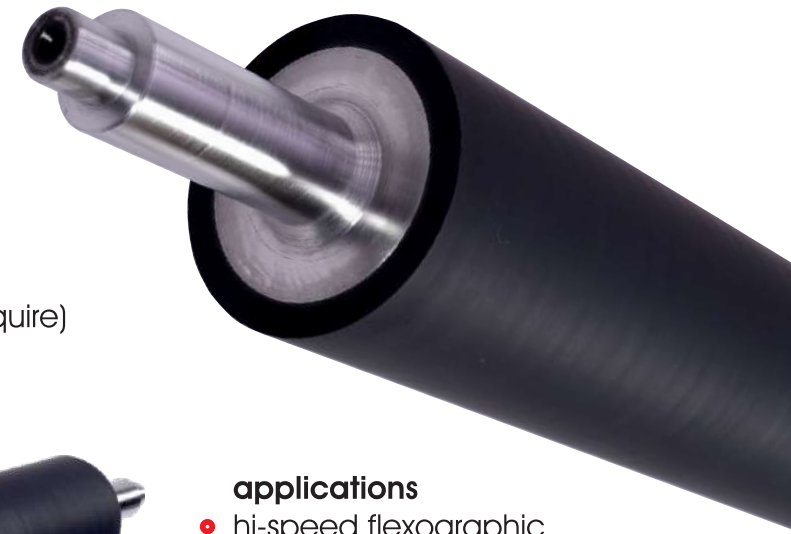


### benefits

- high resistance against pressure and mechanical load
- high resistance against solvents (alcohol, ester, toluene)
- choice of adequate mixture according to esa demands
- possibility of recovering rollers and sleeves

## flexographic rubber rollers

- EPDM & hypalon rubber base
- shore hardness 50-55 to 70-75 (as per require)
- surface grinding
- all diameters & bearing sizes



### applications

- hi-speed flexographic printing machine
- vmch coating machine
- uv coating
- epoxy coating
- inking rollers
- dampening rollers
- all types of printing & coating

## silicone rubber rollers

- silicone rubber roll
- hardness 25 to 85 shore
- surface grinding
- all diameters & bearing sizes



### applications

- for cutting sealing
- hot melt coating
- extrusion coating
- foil processing
- furnishing
- holography
- corona treatment
- poly coating
- heat & press lamination
- thermal lamination
- all types of plastic machines
- epoxy coating rollers

