



# Shakti Rubber Industries

Plot 5/6, Krishna Industrial Estate Behind J.J. Complex, N.H. 48, Kadodara, Surat-394 327, Gujarat, INDIA

Phone # +91 2622 276501, Mobile: +91 98251 21459

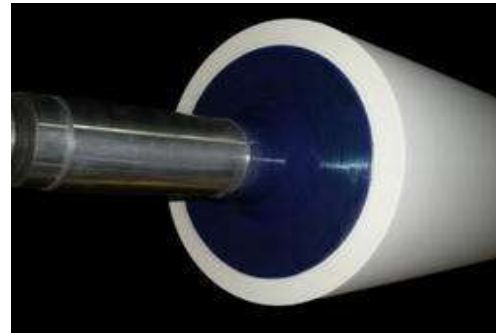
Email: [italia@shaktirubber.com](mailto:italia@shaktirubber.com) Website: [www.shaktirubber.com](http://www.shaktirubber.com)

## NIP AND SQUEEZING ROLLERS FOR TEXTILE

SHAKTI manufacturers wide range of Heavy Nip Rollers and Squeezing Rollers for Textile Industry. Our Nip Rollers and Squeezing Rollers are manufactured in the state-of-the-art fully automated plant and machinery.

SHAKTI offers customize manufacturing of Nip Rollers and Squeezing Rollers as per the requirements and application of customers.

| Salient Features   | Area of Application   | Our Polymers  |
|--|---|---|
| <ul style="list-style-type: none"> <li>✓ Excellent Squeezing</li> <li>✓ Special polymer covering to ensure excellent pressure &amp; chemical resistance</li> <li>✓ Excellent abrasion and tear resistance</li> <li>✓ Long lasting squeezing performance</li> </ul> | <ul style="list-style-type: none"> <li>➤ Bleaching</li> <li>➤ Mercerize</li> <li>➤ Dyeing Padder</li> <li>➤ Washing Range</li> <li>➤ Stenter Padder</li> <li>➤ PSF &amp; CP Plants</li> </ul> | <ul style="list-style-type: none"> <li>• Resistor-60</li> <li>• Castor-70</li> <li>• Elastomeric</li> <li>• Nipol-70</li> <li>• Elaso-mer-80</li> <li>• Nipol-80</li> </ul> |



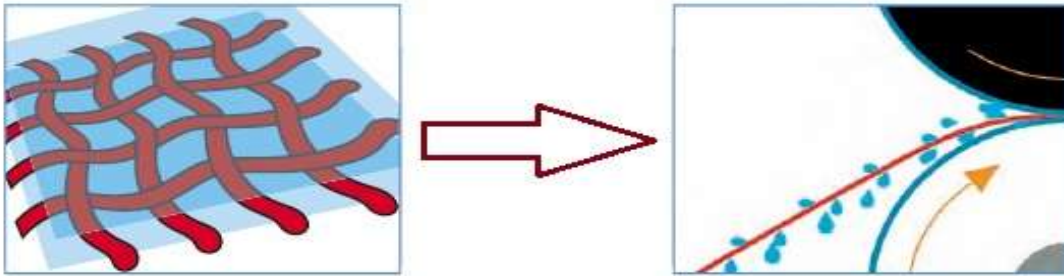
|                            |                       |                                  |                               |                                |   |
|----------------------------|-----------------------|----------------------------------|-------------------------------|--------------------------------|---|
|                            |                       |                                  |                               |                                |   |
| Maximum Temperature 150° C | Mechanical Resistance | Hardness 60 to 95 Shore A (+/-5) | Excellent Pressure Resistance | Surface Ra Value up to 0.500 μ | Gasoline, Alcohol, Water, Isocyanate, Ozone |

### SPECIFICATIONS

|                        |                                 |
|------------------------|---------------------------------|
| Color                  | White, Grey, Blue, Green, Black |
| Diameter               | Upto 700 mm                     |
| Length Including Shaft | Upto 6000 mm                    |
| Coating Thickness      | 20 mm to 50 mm                  |
| Surface Hardness       | 60 to 95 Shore A (+/- 5)        |

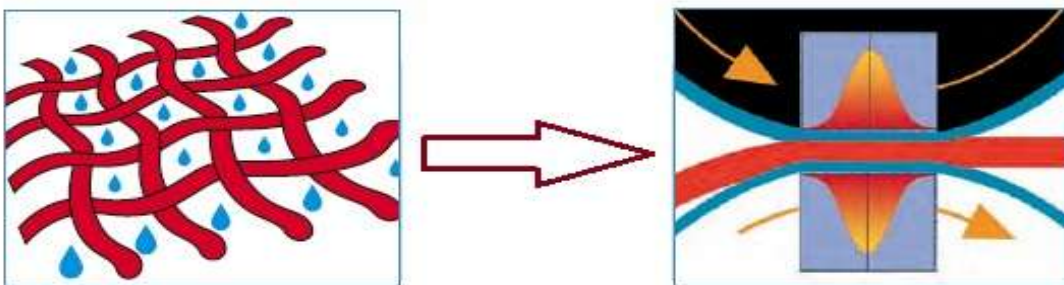
## UNIQUE FEATURES OF SHAKTI NIP AND SQUEEZING ROLLERS

ENTERING THE Nip – Removing the water on the surface of the fabric



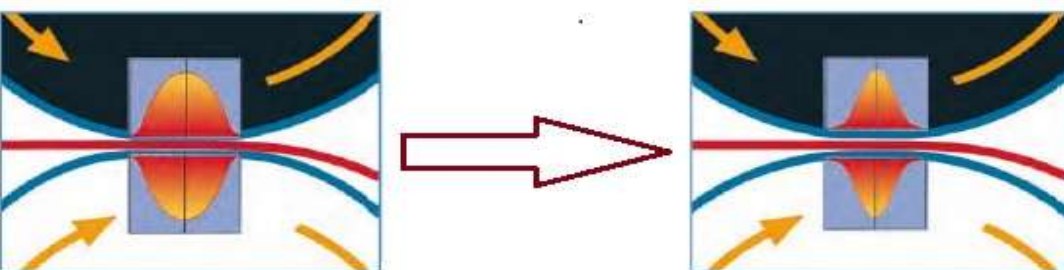
Ensures the higher extraction of water by barrier effects at the entrance of the NIP. The harder the rubber combination, the higher the barrier effect.

ON THE NIP – Removing the water from the fabric



The flexible rubbers allows to penetrate better inside the structure of the fabric, so we extract the maximum amount of water by compression of the rubber at NIP

EXIT THE NIP – Avoiding reabsorption effects by fabrics



The mechanical properties of the rubber polymer return the rubber to its original shape very fast allowing an immediate separation of the fabric and decreasing the water re-absorption effect.

- ✓ Uniform squeezing rate along the nip width
- ✓ More efficient water squeezing of the fabric