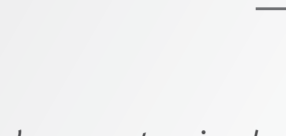




FIBER GLASS SLEEVES

A quality product for the packaging industry



VINTEX & **North West** } A world-class customized range of Fibre-glass Sleeves.
Rubber Rollers ROLLERS & SERVICES LTD



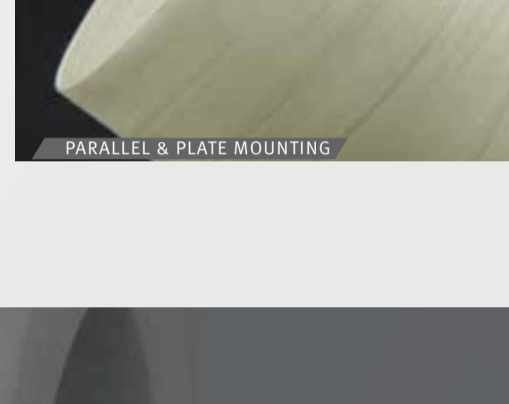
Vintex Rubber Industries and North-West Roller Services, United Kingdom tied up in 2014, to give maximum advantage to the Packaging Industry in India.

North West Roller Services (United Kingdom) is recognized worldwide for excellence in composite sleeve technology.

NWRS will manufacture customized Fiberglass Sleeves (i.e., "Easy Sleeves") in UK & sleeves will be further rubber covered in India by Vintex Rubber Industries.

VINTEX ROLLERS & NORTH WEST WILL OFFER A NUMBER OF BENEFITS

- IMPRESSION SLEEVES FOR GRAVURE PRINTING M/C
- ESA (ELECTRO-STATIC ASSIST) FOR PRINTING M/C
- IMPRESSION SLEEVE FOR COATING M/C
- IMPRESSION /NIP SLEEVE FOR SOLVENT BASE LAMINATION
- TRANSFER / METERING SLEEVE FOR SOLVENTLESS LAMINATION
- PLATE MOUNTING & PAD SLEEVES FOR FLEXO M/C
- LASER ENGRAVED / ITR SLEEVES FOR CI FLEXO M/C
- COATING SLEEVES FOR HOT MELT M/C
- COATING SLEEVE FOR UV COATING M/C
- IMPRESSION SLEEVE FOR EMBOSsing M/C



INNUMERABLE ADVANTAGES OF "EASY SLEEVES"

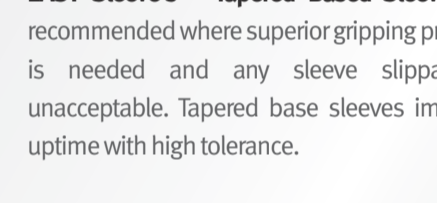
- ⚡ Fast on or off press changeovers
- ✍ Light weight
- 👤 Easy to handle and store
- ⚡ Fully conductive
- 🔗 Tough and durable
- 📏 Consistent & reliable results

NO SLIP GUARANTEE



PRODUCTS OFFERED

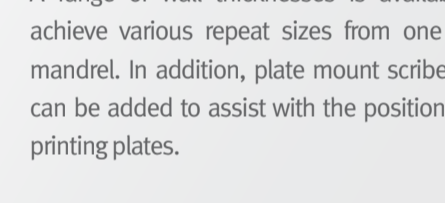
Conical/Tapered Base Sleeves



The Tapered Sleeves are primarily used in coating and printing industries, to maintain the sleeve's form; the **Tapered Base Sleeves** are manufactured from reinforced fiberglass and specially designed resins.

EASY Sleeve's ~ Tapered Based Sleeves are recommended where superior gripping pressure is needed and any sleeve slippage is unacceptable. Tapered base sleeves improves uptime with high tolerance.

Parallel/Cylindrical Base Sleeves



In Parallel Base Sleeves type, the most common product category is **Plate Mounting Sleeves** for CI Flexo machine. These are ground to ensure suitable mounting surface. These are also used for coatings, lacquers, background solids & ITR.

A range of wall thicknesses is available to achieve various repeat sizes from one base mandrel. In addition, plate mount scribe lines can be added to assist with the positioning of printing plates.

SLEEVE MANDRELS

The Air Mandrels of Easy Sleeves are designed and manufactured to meet the exact specifications, to ensure the sleeves fit properly. The designed air system will ensure that sleeve loading and removal is achieved with ease and the sleeves will not slip from improper fit.

LASER ENGRAVING / DIRECT LASER ENGRAVING (DLE)



What is direct laser engraving?

Direct laser engraving, a process where the surface of the sleeve is designed by means of ablation, using high-energy laser beam to create a raised image.

An alternative to conventional printing plates, the rubber-covered sleeve can be laser engraved for continuous printing pattern.

DLE is also called "In the Round" (ITR) Technology. Continuous (ITR) sleeves and cylinders offer long, trouble free cost effective print runs, without inconvenience of plate lift and press downtime.

After approval of digital artwork, the designs are separated and electronically engraved on CO2 lasers. Our Laser can engrave till 170-180 LPI, which give an extraordinary Print Results.



APPLICATIONS FOR DIRECT LASER ENGRAVING

- Tags & Labels
- Publications
- Flexible Packaging
- Alluminium Foils
- Shrink Products
- Folding Carton
- Liquid Carton
- Sanitary Paper Products
- Wall Covering
- Metal Decor
- Asceptic Packaging
- Wrapping Paper

BENEFITS & PRODUCT FEATURES OF DLE

- ✓ Easy to Clean
- ✓ Highly Durable
- ✓ Fully conductive
- ✓ Uniform registration
- ✓ Uniform build thickness
- ✓ Environment friendly
- ✓ Excellent ink transfer
- ✓ Eliminates the cost of plate mounting
- ✓ Sleeves can be re-ground for use again
- ✓ Available in Any Circumference
- ✓ High resolution — up to 170-180 lpi
- ✓ Higher Print Speed vs. Plates
- ✓ Highly resistance to light and ozone
- ✓ High Solvent Resistance (ethyl acetate, ethanol, MEK)
- ✓ Suitable for line, solid and halftone printing
- ✓ Consistent print quality from start to finish

Our experts have the knowledge and years of experience to advice customers whether their requirement is related to sleeve technology, laser rubber engraving, flexographic laser elastomers or laser plate making. The combination of DPL quality, lower setup costs, superior rubber compounds, and years of expertise of VINTEX ROLLERS and NWRS has made us the best choice in the industry for engraving needs.

