

60
YEARS
of Excellence



CC TUBES
MORE EFFICIENCY WITH
LESS POWER CONSUMPTION



IDEAL

SINCE 1956



ROVING BOBBINS

- Manufactured as per OEM specifications and suitable for all roving frame makes like LMW, Zinser, Electrojet, Marzoli, Toyoda & Chinese.
- Made of high grade ABS polymer & European velcro (roving catcher).
- Polyacetal bush as per OEM requirement.

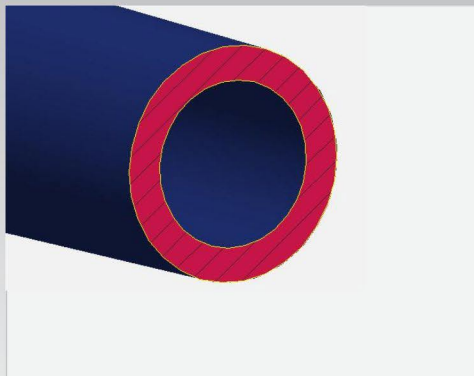


RING FRAME TUBES

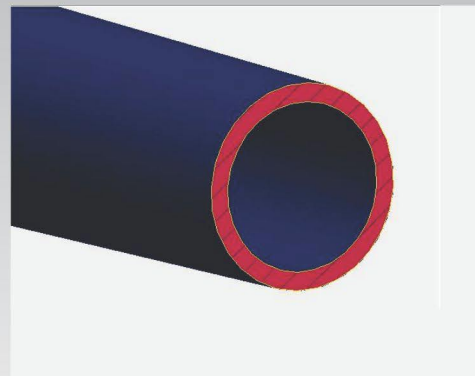
- Made from high grade engineering polymers **PC, PC-GF, PBT-PET-GF, PA-GF** as per application.
- Available in a wide range of surface textures and colors.
- Special compounds for tubes required in steaming, lycra and other applications.



Wall Thickness Comparison



Regular Tube



HCC Tube

- Manufactured from high grade polymer compound and glass fibers, HCC tubes are designed to withstand various forces at high speed and higher cop content.

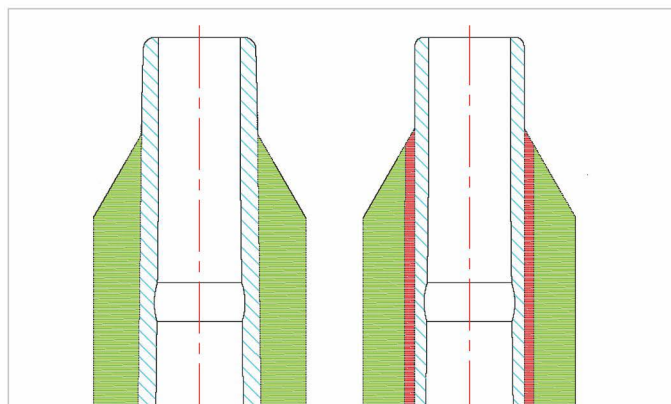
> ADVANTAGES

Increases

- ▲ Operational efficiency
- ▲ Cop content upto 25%.
- ▲ Winding machine efficiency by 3-5%.
- ▲ Life of doffing mechanism by 20%.

Decreases

- ▼ Weight of tube by 35%
- ▼ Ring frame power consumption upto 3%
- ▼ Power consumption and air consumption at winding machine.
- ▼ Number of slicing at winding thus improving yarn quality
- ▼ Ring frame doff upto 20%, resulting in man power reduction, less start-up breaks and handling of tubes.



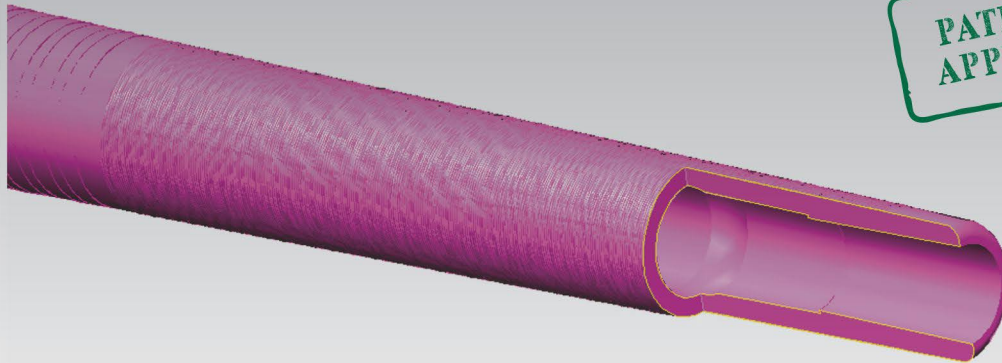
Regular Tube

HCC Tube

Wall thickness of tubes reduced from 3 mm to 1.8mm

SURE LOCK TUBES®

PATENT
APPLIED



- Reliable positioning and holding of tubes in AXIAL direction on spindles fitted with centrifugal ball clutch is achieved through **SURE LOCK TUBES®** with continuous groove.
- Change over from normal tubes to **SURE LOCK TUBES®** is instantaneous and does not require any additional skill or tooling.
- THERE IS NO MORE LIFTING OF TUBES ON SPINDLES.



CONES & CHEESES FOR YARN WINDING & DYEING APPLICATIONS

- Higher dimensional stability to avoid cone collapse.
- Improved unwinding characteristic compared to paper cones.
- Reduced yarn wastage at warping.
- Higher warping efficiency.
- Available for yarn steaming for full range of temperatures and pressures.
- Dye cheeses compressible by more than 20%.



Rotating



Stationary



BOBBIN HOLDERS

Universal bobbin holders - Rotating and Stationary, are suitable for bobbins of all sizes. The improved trip mechanism and self lubricating bearing make them superior in performance ensuring longevity of life.



ABC RINGS

ABC Rings of S, Z & SZ design with smooth surfaces to suit customer requirements.



YARN GUIDES

To ensure required quality of spun yarn, IDEAL offers excellent quality of yarn guides hard enough to resist the abrasion of the yarn. The yarn guides have smooth guiding surfaces.





Having more than 60 years of experience in the textile industry, Ideal is working very closely with renowned OEMs and textile mill technicians in the field of spinning accessories. Customer feedback and in-house R&D enable Ideal to develop and introduce new products suitable for the ever demanding scenario of higher and higher speeds.

its strong technical team and global agent network help Ideal to provide world-class products and services.



IDEAL

Ideal Sheet Metal Stampings & Pressings Pvt. Ltd.

94/2, G.I.D.C. Industrial Estate, Phase-1, Vatva,
Ahmedabad - 382 445, Gujarat, India.

+91 90999 98200 | +91 98796 05210

sales@idealsheet.com | www.idealbobbins.com