



# Superior Quality in cans & yarn carriers



## Range of Products

Sliver Cans  
Perforated Cans  
Can Accessories

Simplex Bobbins  
Fluff Protectors  
Trolleys

Ring & Doubling Tubes  
Plastic Cones & Winding Tubes  
Perforated Cones & Tubes

**VIMAL SALES CORPORATION**

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## CARD CANS/SLIVER CANS

More than 5 million Spinning cans are successfully employed all over India and overseas. Our speciality includes Aluminum and HDPE, Rivetless & Rivetted Sliver Cans which conform with International Standards.

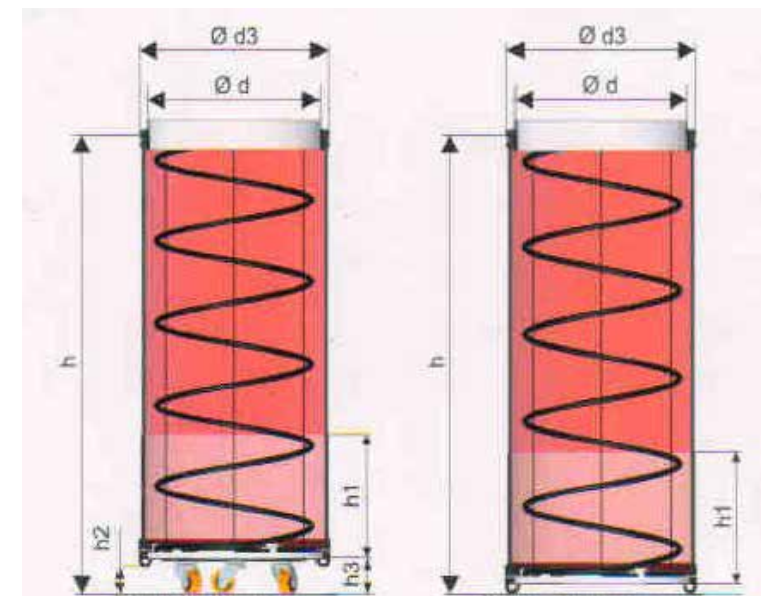
We use best quality virgin HDPE sheets to provide robust and long lasting sliver cans. Extra care is taken to make high precision cans which are defect free. Our hi-tech pneumatic welding machines & finishing machines enable us to produce superior quality seamless rivetless cans that are Internationally accepted



### Can dimensions

Sliver cans are manufactured in various combinations of diameter, height and thickness depending on customer requirements and structural stability.

d (inch)	d (mm)	h (inch)	h (mm)	Thickness (mm)
14"	356	36"	914	1.5
16"	400	40"	1016	1.75
18"	450	42"	1066	2.0
20"	500	45"	1143	2.5
24"	600	48"	1220	3.0
28"	714			3.5
30"	762			
32"	813			
36"	914			
40"	1000			



d = Inside dia. of can; d3= Outside dia of can;  
h = Total height of can; h1 = Height of binder;

h2 = Height from ground to bottom ring;  
h3 = Height of castors

## CAN SPRING

An essential component of card cans, springs are made of high tensile carbon steel wire, which undergo controlled heat treatment process for longer life.

Tie-rod arrangements in springs are provided to retain flat position during automatic can doffing. For wide diameter cans and higher spring loads, pantograph spring arrangement is more favourable.



Pantograph spring

Tie-Rod spring

## SPRING TOP BOX

Top plates are made with PP material with a sturdy base. They possess anti-slip and anti-fibre rupture properties for maximum performance. The size is decided by can diameter.

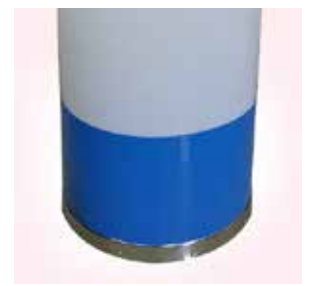


## RINGS, PLATES & BINDERS

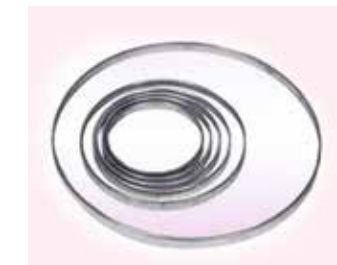
Each sliver can comes equipped with sturdy top and bottom Galvanized Iron/Stainless Steel top ring, bottom ring and bottom plate. The bottom ring is attached to the can via rivets and helps in maintaining roundness. The bottom plates provide support to the can and transmit the load to the castors. Our Galvanized Iron/Stainless Steel Top binders, and HDPE bottom binders provide extra strength to our cans.



Bottom Plates



HDPE Bottom Binder



Top Ring



GI/SS Top Binder

## CASTORS

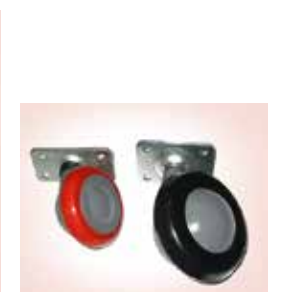
We provide one of the best quality castors for the textile industry. Our nylon wheel swivel ball bearing castors provide smooth mobility in Auto-doffing machines. Their unique design prevents dust or fluff build up in castors. Normal castors have diameters of 2.5 inch (63 mm) or 3 inch (75 mm). Executive castors are also available for special purposes.



75 mm castor



63 mm castor



Executive castors

## YARN CARRIERS

At Vimal Sales Corporation, we have installed state-of-the-art injection moulding machines to manufacture the best quality Ring and Doubling tubes, Open End Tubes, Simplex bobbins, Cones, Cheese tubes, Fluff protectors, Perforated Cones and Dyeing Tubes from virgin quality Polypropylene, Polycarbonate and Acrylonitrile Butadiene Styrene (ABS) materials. For high temperature applications, glass based additives may be employed.

### BOBBINS

Simplex bobbins are manufactured from ABS and PP material with length ranging from 290 mm to 450 mm. The eccentricity is within tolerance level and dimensions are as per International standards. They fit perfectly on the spindle and aid smooth starting of the spinning machine. The Delrin bush is inserted for longer life and Velcro tape facilitates unwinding of roving from bobbin.

Our bobbins are compatible with a wide range of machines including LMW, Textool, Texmaco Howa/RME, MET, Rieter, Toyoda, MMC, Jeetstex & Marzoli frames. We also produce specialized roving & rubbing bobbins for the wool industry.



Simplex, roving & rubbing bobbins

### FLUFF PROTECTORS

Fluff protectors are assembled below bobbin holders and safeguard roving bobbins against dust and fly deposition during the spinning process. Moreover, they have a glossy finish to avoid settling of microdust, lint, and fly. They aid in improving the overall performance and durability of the bobbins during spinning. They are manufactured using virgin quality Polypropylene and are available in various colours and sizes.



## PLASTIC CONES

We manufacture superior quality plastic cones with conacity range of 3° 30, 3° 51 4° 20, 5° 57 & 9° 15 in different dimensions and cut nose or round/bull nose. They are fabricated using high grade, virgin quality Polypropylene or Polycarbonate. Our expertise also lies in manufacturing of Baby cones, Y-cones, clip cones & thread reels for sewing thread.



Plain Plastic Cones



Y cones & Baby cones

### PERFORATED CONES & DYEING TUBES

We produce high grade Perforated Cones with a conacity ranging from 3° 30, 4° 20, 5° 57 to 9° 15, in different dimensions with round/bull nose and cut nose. The eccentricity is within standards and fitting is as per customer's specifications. Our superior quality perforated cones and dyeing tubes are suitable for high temperature dyeing and available in one-time or multiple use according to customer's

requirement. They are manufactured from special Glass-filled Polypropylene or Polycarbonate material for increased durability, performance & strength. Moreover, the light but sturdy Stackable Flexi tube design allows even dye penetration in all directions and keeps the carrier in perfect shape even after compression, thereby reducing the overall dyeing cost.



# PLASTIC TUBES



## RING & DOUBLING TUBES

Ring and Doubling Tubes are manufactured from PC, ABS or PP material with length ranging from 180 mm to 300 mm. The eccentricity is within standards and fitting can be customized as per customers' specification. They contain ring and micro-grooves and are suitable for cotton, wool and synthetic fibre. Our tubes are suitable for a wide variety of machines including LMW, KTTM, Textool, Texmaco, MEI, Suessen Rieter, Toyoda, Howa, Marzoli, Zinser and MMC frames.

## HI-TECH RING TUBES

Hi-Tech Ring Tubes are manufactured from PC, ABS and Polyamide materials. We also manufacture specialized Glass-filled ring tubes for high temperature operations. The length varies from 180mm to 300mm and can be used for Plug type and Rabbath type Spindles. The eccentricity is within standards and the fitting can be customized as required. These tubes also possess special wear-proof Delrin insert to avoid groove formation arising from friction. The Stainless steel metallic rings shield the tube edges from damage during auto-doffing.



## WINDING TUBES & CHEESE

We also manufacture robust Cheese, TFO, Open End and Texturizing tubes with bull nose and cut nose top in various lengths. The eccentricity is within standard and fitting is tailored to meet customer specifications. The tubes are surfaced differently to ensure compatibility with cotton, wool and synthetic yarn.



# COLOUR CODE & SHADES



Colours may differ depending on material.  
These are our standard colours but we can also use custom colours as per client requirements.

## IDENTIFICATION SYSTEMS

In addition to colour coded Card can ID bands, rubber rings and bobbin rings, we have developed an innovative Multi-lingual Can ID System for identifying in process stock in the textile industry. They help in cost savings in inventory and labour by providing the flexibility to use existing cans and bobbins irrespective of their colour. They are available in various sizes and colours.



## ADVANTAGES

- Superior quality and long lasting durability
- Economical solution for spinning mills
- Availability in standard sizes
- An initiative to support lean manufacturing
- Can be customised for various languages