

## ELASTIC TAPE

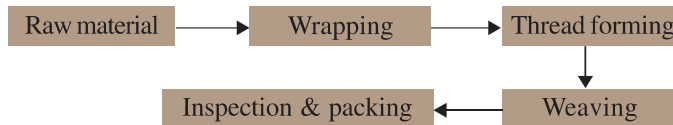


**Production capacity/annum** 16,80,000 Metres.

### Production process

Different types of yarn like viscose, nylon and cotton are placed on creel for working purpose as per design. Wrap is prepared on wrapping machine. Prepared wrap beam is shifted to loom and individual threads are drawn as per design. When the machine starts weaving, the woven tapes will come out of the machine and finally wound on rolls. After finishing in the finishing machine rolls are packed in to polythene packs for supply to the customer.

### Process flow chart



### Machinery & equipment required

- High-speed needle loom 12-shaft front reed 12” with out back frame & beam model 2
- Wrapping machine type B 350 suitable for 350 mm with wrap speed 180 Metres/minute 1
- Creel for 250 ends
- Aluminium flanged beams bolted 50
- Finishing machine series FS-2 main drum guide roller made up of
- Back frames 3
- Measuring and winding tapes (Rolls upto 30 mm dia)

### Raw material/consumables required

- Crimped Nylon Yarn 1/120
- Viscose 450 Dn yarn
- 2/32 s Cotton Yarn
- Latex Thread
- Glue/Starch

### Utilities required

|                                  |   |            |
|----------------------------------|---|------------|
| Power required (load)            | : | 25 KW      |
| Water required (per shift basis) | : | 500 litres |

### Manpower required

|            |   |        |
|------------|---|--------|
| Supervisor | : | 1 No.  |
| Skilled    | : | 3 Nos. |
| Unskilled  | : | 3 Nos. |

### Area required

|              |   |              |
|--------------|---|--------------|
| Total Area   | : | 200 Sq. Mtr. |
| Covered Area | : | 100 Sq. Mtr. |

### Investment required

|  |   |                |
|--|---|----------------|
| Machinery & Equipment  | : | } ₹ 21.5 Lakhs |
| Working Capital for 3 Months<br>(Raw material, utilities & salary) | : |                |