

**PROJECT PROFILE ON ELASTIC TAPES MANUFACTURING UNIT**

**1. INTRODUCTION**

Garment forms one of the basic needs of human being. In a country like India with growing population, the increase in demand for the readymade garments is a continuing process. A good dress should give importance to three basic parameters. These are comfort to wearer, matching colours and climate adjustments.

Elastic tapes are required for the purpose of holding the garments tightly when it is worn by the persons. In addition to providing comfort, it also increases the life of the garments. Generally, the elastic tapes are used in undergarments like briefs, panties, brassiers, baggies, children's dress etc. It is also used in suitcases for inside straps for better grip holding and in car seats for safety driving etc.

**2. MARKET DEMAND**

With the increasing demand for the undergarments and readymade garments, there is enough scope for the garment ancillary units including the elastic tapes. There is always good demand for the elastic tapes.

**PRODUCTION TARGETS**

Basis of estimation:      300 Working Days in a Year  
    Single Shift basis  
    8 hours per shift

	<b>Elastic Tape</b>
Quantity (Meters)	1680000
Value (Rs)	10920000

### 3. MANUFACTURING PROCESS

Different types of yarn like viscose, nylon and cotton are placed on creel for working purpose as per design. Warp is prepared on warping machine. It is to be ensured that no loose threads are present in the warp sheet in order to run the machine without stoppage. Prepared warp beam is shifted to needle 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 the rolls, After finishing on finishing machine, rolls are packed into polythene packs for supply to the customers.

### 4. QUALITY CONTROL STANDARDS

The product should be clean from oil stains, cuts, any other defects etc. Care should be taken while manufacturing to avoid occurrence of the above faults.

### 5. LAND & BUILDING

1.	Covered area	Sq. Ft.	1000
2.	Uncovered area	Sq. Ft.	2000
3.	Total area	Sq. Ft.	3000
4.	Whether constructed or Rented		Rented
5.	If constructed, constructed value	Rs	N.A.
6.	If Rented, Rental value (per month)	Rs	5000

### 6. MACHINERY AND EQUIPMENT

S.N	Description	Qty.	Value (Rs.)
1.	High speed needle loom 12 shaft front reed 12" without back frame and beam Model 6/27 Varitex	2	4000000

2.	Warping machine type b 350 suitable or 350 mm dia and 250 mm width with warp speed 180 mts./ min.max.	1	
3.	Creel for 250 ends	1	
4.	Aluminium flanged beams bolted	50	
5.	Finishing machine series FS-2 main drum guide rollers made of SS 304 dia 800mm, length 1210mm, 36 heaters, maximum speed 36 mts./min.	1	
6.	Back frames	3	
7.	Measuring and winding machine suitable for making rolls upto 30mm.dia	1	
8.	Fire fighting equipments	L.S.	
9.	Lab. equipments	L.S.	
10.	Hand Tools	L..S	
11.	Sales Tax, Freight & Insurance etc.		400000
	Total		4400000

## 7. RAW MATERIAL (PER MONTH)

S.N	Particulars	Quantity (Kg)	Value (Rs)
1.	Crimped Nylon yarn 1/120	1000	240000
2.	Viscose 450 Dn. yarn	750	90000
3.	32 s Cotton yarn	750	105000
4.	Latex thread	775	108500
5.	Glue/starch	100	1200
		Total	544700

## 8. STAFF & LABOUR (PER MONTH)

S.N	Particulars	Qty	Rate	Value (Rs)
A	Administrative and Supervisory			
(i)	Manager & Accountant	3	8000	24000
(ii)	Peon/ Chowkidar/ Clerk	6	3000	18000
B	Technical (Skilled-Unskilled)			
(i)	Skilled Worker	6	5000	30000
(ii)	Unskilled Worker	10	2500	25000
	Sub-Total			97000
			Plus perquisites @ 30% of salaries	29100
	TOTAL			126100

## 9. OTHER EXPENSES (PER MONTH)

1.	Rent of Land & Building	5000
2.	Electricity Charges	25000
3.	Fuel Exp.	0
4.	Advertisement & Travelling	10000
5.	Transport	10000
6.	Consumable & stores etc.	10000
7.	Potage expenses/ telephones	2500
8.	Stationery	2500
9.	Repairs & Maintenance's	5000
	Total	70000

## 10. WORKING CAPITAL (FOR ONE MONTH)

SL.NO.	DESCRIPTION	AMOUNT(RS)
1	Raw material	544700
2	Salaries & Wages	126100
3	Other Expenses	70000
	Total	740800

## 11. TOTAL CAPITAL INVESTMENT

Building & Other Civil Works	-
Machinery & Equipment	4400000
Working capital for one month	740800
Total	5140800

## 12. COST OF PRODUCTION (PER ANNUM)

Total recurring cost per year	8889600
Depreciation on machinery & equipment	440000
Interest on total investment @ 10%	510000
Total	9839600

## 13. SALES PROCEEDS (PER ANNUM)

S.N.	Item	Qty (Meters)	Value (Rs.)
1.	Elastic Tape	1680000	10920000
	Total		10920000

## 14. PROFITABILITY (BEFORE INCOME TAX)

1.	Annual Gross Profit	1080400
2.	% of Profit on Sales	9.89%
3.	Break Even Analysis	
3.1	Annual Fixed Cost	2353200
3.2	Annual Sales	10920000
3.3	Annual Variable Cost	6536400
3.4	Break Even Point	53.68%

Break-Even Analysis

(% of Total Production envisaged)

$$\frac{\text{Annual fixed cost} \times 100}{\text{Annual sales} - \text{Annual variable costs}} = \%$$

## 15. Manufactures/ Suppliers of Machinery

1	M/s. Baku Bhai Ambalal 3-Madrwah Estate, Saki Vihar Road, Sakinaka, Mumbai-72.
2	M/s. Prashant Engg. Co. Plot No. 4/1-A, GIDC Estate, Vatva, Ahmedabad-382445

## 16. Suppliers of Raw Materials

M/s. Moupan Ltd.

Modi Nagar, (U.P.)

2. M/s. Lohia Machine Ltd.

(Fibre Div.)

C-3 and 4, Panki Indl. Estate,

Kanpur.

3. M/s. Vardhman Spinning and Gen. Mills Ltd.

Chandigarh Road, Ludhiana.

4. M/s. India Spinners and Processors

5309, Basti Harphool Singh,

Delhi-110006

## 17. IMPLEMENTATION PERIOD

Proposed Project can commence production with in 8-12 weeks after sanction and first disbursement of term loan.

## 18. ASSUMPTION FOR GENERATING PROJECT PROFITABILITY

1	Number of Working Days in a year	300 Days
2	Number of Shifts in a day	1 One
3	Hours in a Shift	8 hours
4	Plant Capacity	Consider on Average production capacities of plant.
5	Raw material Estimates	Based upon product Mix
6	Raw Material Availability	Ratlam, Dhar & Hoshangabad districts of MP
7	Depreciation	Straight Line Method
8	Manpower	According to project Requirement
9	Rent estimate	On the basis of current market prize of the area.
10	Potential Area of Marketing the products	Households & related industries of the area.
11	If project is funded, term loan would be	60-80% of Total investment
12	Moratorium Period	6- 12 months
13	Repayment Period	5-7 years
14	Project may be established under	Rani Durgawati Scheme of MP