

PVC Insulated Single Core Flexible Cable (FR, LSF)

(Electric Cable use in the Internal Wiring of Devices, for Conduit or Trunking Wiring, Electrical Panels Connection, Electrical Apparatus, Indoor Fixed Installations, Wiring in Control Panels, Machines and various Electrical Installations in Small, Medium and Large Industries, Mains, Submains and Subcircuits Unenclosed, Enclosed in Conduit, Buried or in Underground Ducts for Building and Industrial Plants)

Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule, Working Capital Requirement, Plant Layout, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis

Introduction

PVC compound insulated single core and multi core flexible cables have a wide range of application in machine tools, appliances, control panels, machinery and industries of every nature. The conductors, drawn from 99.97% bright electrolytic grade copper with more than 100% conductivity, are annealed and bunched together.

The conductors are insulated with a PVC compound with high insulation resistance and dielectric strength, formulated and manufactured in-house.

In case of multicore cables, the insulated cores are laid up to form the core assembly. The inner cores are coded for ease of identification as per National/ International coding practices.

The sheathing is provided with a specially formulated PVC compound to facilitate not only ease in stripping but also to withstand mechanical abrasion while in use. These PVC compounds used for insulation and sheathing have a high oxygen and temperature index. These properties help in restricting the spread of fire even at very high temperatures.

The single core and multicore sheathed cables are manufactured as per IS 694: 1990, in sizes from 0.5 sq. mm. to 50sq. mm. in single core, and in sizes 0.5 sq.mm. to 4.0 sq mm. upto 5 cores. These sizes carry the prestigious ISI mark and are duly approved by FIA/TAC. The rest of the sizes generally conform to IS 694: 1990.

Few Indian Major Players are as under

- Bindawala Cables & Conductors Ltd.
- Finolex Cables Ltd.
- Gem Cables & Conductors Ltd.
- Omega Cables Ltd.
- Skytone Electricals (India) Ltd.
- Torrent Cables Ltd.
- Uniflex Cables Ltd.
- Universal Cables Ltd.
- Vimal Flexsol Ltd.
- Vora Wires Inds. (India) Ltd.

Project at a Glance

PROJECT AT A GLANCE				(Rs. in lacs)			
COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development Exp.	0.00	21.50	21.50	Capital	0.00	81.30	81.30
Buildings	0.00	133.00	133.00	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	63.00	63.00	Other Type Share Capital	0.00	0.00	0.00
Motor Vehicles	0.00	8.00	8.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	34.00	34.00	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	10.00	10.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	243.91	243.91
Preliminary & Pre-operative Exp	0.00	3.00	3.00	Debentures / Bonds	0.00	0.00	0.00
Provision for Contingencies	0.00	6.00	6.00	Unsecured Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	46.72	46.72				
TOTAL	0.00	325.22	325.22	TOTAL	0.00	325.22	325.22

Project at a Glance

Year	Annualised		Book Value	Debt	Dividend	Retained Earnings		Payout	Probable Market Price	P/E Ratio	Yield Price/ Book Value
	EPS	CEPS	Per Share		Per Share	Per Share				No.of Times	
	Rs	Rs	Rs	Rs	Rs	%	Rs	%	Rs		%
1-2	5.26	8.88	15.26	24.00	0.00	100.00	5.26	0.00	5.26	1.00	0.00
2-3	8.13	11.32	23.39	18.00	0.00	100.00	8.13	0.00	8.13	1.00	0.00
3-4	10.99	13.81	34.38	12.00	0.00	100.00	10.99	0.00	10.99	1.00	0.00
4-5	13.75	16.25	48.12	6.00	0.00	100.00	13.75	0.00	13.75	1.00	0.00
5-6	16.38	18.60	64.51	0.00	0.00	100.00	16.38	0.00	16.38	1.00	0.00

Project at a Glance

Year	D. S. C. R.			Debt / - Deposits Debt	Equity as- Equity	Total Net Worth	Return on Net Worth	Profitability Ratio					Assets Turnover Ratio	Current Ratio
	Individual	Cumulative	Overall					GPM	PBT	PAT	Net Contribution	P/V Ratio		
	(Number of times)			(Number of times)		%	%	%	%	%		%		
Initial				3.00	3.00									
1-2	1.31	1.31		1.57	1.57	4.02		5.99%	2.87%	1.93%	306.05	13.82%	3.61	1.06
2-3	1.62	1.46		0.77	0.77	2.61		6.66%	3.95%	2.56%	350.84	13.58%	3.81	1.16
3-4	1.99	1.62	1.99	0.35	0.35	1.78		7.12%	4.74%	3.03%	400.81	13.58%	3.83	1.29
4-5	2.43	1.80		0.12	0.12	1.27		7.42%	5.30%	3.37%	450.78	13.57%	3.76	1.42
5-6	2.95	1.99		0.00	0.00	0.95		7.62%	5.71%	3.61%	500.75	13.57%	3.62	1.73

Project at a Glance

BEP

BEP - Maximum Utilisation Year

5

Cash BEP (% of Installed Capacity)

54.14%

Total BEP (% of Installed Capacity)

57.75%

IRR, PAYBACK and FACR

Internal Rate of Return .. (In %age)

27.14%

Payback Period of the Project is (In Years)

2 Years 3 Months

Fixed Assets Coverage Ratio (No. of times)

22.332

Major Queries/Questions Answered in the Report?

- 1. What is Single Core Flexible Cable industry ?**
- 2. How has the PVC Insulated Single Core Flexible Cable industry performed so far and how will it perform in the coming years ?**
- 3. What is the Project Feasibility of a PVC Insulated Single Core Flexible Cable Plant ?**
- 4. What are the requirements of Working Capital for setting up a Single Core Flexible Cable plant ?**
- 5. What is the structure of the Single Core Flexible Cable Business and who are the key/major players ?**

- 6. What is the total project cost for setting up PVC Insulated Single Core Flexible Cable plant ?**
- 7. What are the operating costs for setting up a Single Core Flexible Cable plant ?**
- 8. What are the machinery and equipment requirements for setting up a Single PVC Insulated Core Flexible Cable plant ?**
- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up a Single Core Flexible Cable plant ?**
- 10. What are the requirements of raw material for setting up a Single Core Flexible plant ?**

- 11. Who are the Suppliers and Manufacturers of Raw materials for setting up a PVC Insulated Single Core Flexible Cable plant ?**
- 12. What is the Manufacturing Process and Formulations of a Single Core Flexible Cable plant ?**
- 13. What is the total size of land required for setting up a Single Core Flexible Cable plant ?**
- 14. What will be the income and expenditures for a PVC Insulated Single Core Flexible Cable plant ?**
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- *We empower our customers with the prerequisite know-how to take sound business decisions*
- *We help catalyze business growth by providing distinctive and profound market analysis*
- *We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors*
- *We use authentic & reliable sources to ensure business precision*

Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

Who do we serve?

- *Public-sector Companies*
- *Corporates*
- *Government Undertakings*
- *Individual Entrepreneurs*
- *NRI's*
- *Foreign Investors*
- *Non-profit Organizations, NBFC's*
- *Educational Institutions*
- *Embassies & Consulates*
- *Consultancies*
- *Industry / trade associations*

Sectors We Cover

- *Ayurvedic And Herbal Medicines, Herbal Cosmetics*
- *Alcoholic And Non Alcoholic Beverages, Drinks*
- *Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin*
- *Activated Carbon & Activated Charcoal*
- *Aluminium And Aluminium Extrusion Profiles & Sections,*
- *Bio-fertilizers And Biotechnology*
- *Breakfast Snacks And Cereal Food*
- *Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling*

- *Bamboo And Cane Based Projects*
- *Building Materials And Construction Projects*
- *Biodegradable & Bioplastic Based Projects*
- *Chemicals (Organic And Inorganic)*
- *Confectionery, Bakery/Baking And Other Food*
- *Cereal Processing*
- *Coconut And Coconut Based Products*
- *Cold Storage For Fruits & Vegetables*
- *Coal & Coal Byproduct*

- *Copper & Copper Based Projects*
- *Dairy/Milk Processing*
- *Disinfectants, Pesticides, Insecticides, Mosquito Repellents,*
- *Electrical, Electronic And Computer based Projects*
- *Essential Oils, Oils & Fats And Allied*
- *Engineering Goods*
- *Fibre Glass & Float Glass*
- *Fast Moving Consumer Goods*
- *Food, Bakery, Agro Processing*

- *Fruits & Vegetables Processing*
- *Ferro Alloys Based Projects*
- *Fertilizers & Biofertilizers*
- *Ginger & Ginger Based Projects*
- *Herbs And Medicinal Cultivation And Jatropha (Biofuel)*
- *Hotel & Hospitality Projects*
- *Hospital Based Projects*
- *Herbal Based Projects*
- *Inks, Stationery And Export Industries*

- *Infrastructure Projects*
- *Jute & Jute Based Products*
- *Leather And Leather Based Projects*
- *Leisure & Entertainment Based Projects*
- *Livestock Farming Of Birds & Animals*
- *Minerals And Minerals*
- *Maize Processing(Wet Milling) & Maize Based Projects*
- *Medical Plastics, Disposables Plastic Syringe, Blood Bags*
- *Organic Farming, Neem Products Etc.*

- *Paints, Pigments, Varnish & Lacquer*
- *Paper And Paper Board, Paper Recycling Projects*
- *Printing Inks*
- *Packaging Based Projects*
- *Perfumes, Cosmetics And Flavours*
- *Power Generation Based Projects & Renewable Energy Based Projects*
- *Pharmaceuticals And Drugs*
- *Plantations, Farming And Cultivations*
- *Plastic Film, Plastic Waste And Plastic Compounds*
- *Plastic, PVC, PET, HDPE, LDPE Etc.*

- *Potato And Potato Based Projects*
- *Printing And Packaging*
- *Real Estate, Leisure And Hospitality*
- *Rubber And Rubber Products*
- *Soaps And Detergents*
- *Stationary Products*
- *Spices And Snacks Food*
- *Steel & Steel Products*
- *Textile Auxiliary And Chemicals*

- *Township & Residential Complex*
- *Textiles And Readymade Garments*
- *Waste Management & Recycling*
- *Wood & Wood Products*
- *Water Industry(Packaged Drinking Water & Mineral Water)*
- *Wire & Cable*

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