February 28, 2012

RESPONSIVE INDUSTRIES LTD. (RESPONSIVE)

MANAGEMENT MEET

RSPO.BO Reuters code RESP IN Bloomberg Code BSE 505509 Sensex 17,923 135/85 52week H/L (Rs) 135/93 Monthly H/L (Rs) MktCap (Rs mn) 25,462 519 MktCap (US\$ mn) EV (Rs mn) 31,808 Valuation Parameters (FY 14) **EV/EBITDA** 7.1 MktCap/EBITDA 5.9 **EV/Sales** 1.3 MktCap/Sales 1.1 **Price Chart** 150 100 50 0 Feb'll May'll Aug'll Nov'll Responsive ----- Sensex **Shareholding Pattern** 35% 5% Promoters Institutions Others Paurav Lakhani

91-22-2498 1515 paurav@primesec.com We met the management of Responsive Industries which is into manufacture of PVC flooring solutions, seat covering, upholstery, pharmaceutical packaging and transparent sheeting. The company through its subsidiary Axiom Cordages Ltd. manufactures ropes used in shipping and other industries. The key takeaways from our interaction were:

Capacity expansion to drive growth

The company is near doubling its PVC business from 47,700 MT to 90,000 MT by end March, 2012. This expansion will drive the topline growth and will also enable the company to enjoy economies of scale thereby also driving EBIDTA margin expansion. The company also has a subsidiary Axiom which is into manufacture of ropes and has a capacity of 40,000 MT.

Strong Brand Recognition

Responsive is a recognised brand in the vinyl flooring and PVC leather goods segment. Product brands like Garnet, Vega, Spica, Talitha, Canopus, Regor and others are well known in the market. The company caters to a wide array of clients in government, transportation, commercial and hospitals. It has reputed customer base like Indian Railways, Mercedez Benz, Tata Motors, Volvo, SevenHills Hospital, Big Bazaar, etc.

Dominant Market Share

The company is a leading supplier to Indian railways for flooring and seat covers for their coaches. Responsive has a market share around 98% in this business line. The company also has 95% market share in auto canopy and 85% market share in domestic bus-body manufacturing industry. The company is also one of the largest player in global shipping ropes industry.

Greater Manufacturing Efficiency And Scale Lead To Pricing Power

The company faces very little competition from domestic players as most of them are unorganized and do not match with the quality and scale that Responsive can provide. Foreign competition is easily negotiated by the company as its efficiency in manufacturing lead to lower cost which it can pass on to the consumers.

Strong Financials

As per FY11 annual report the company has ROCE of 15.2%, ROE of 24.9% and Debt to Equity of 0.78. The company has inventory turnover of around 16 days and receivables cycle of 31 days and a very comfortable current ratio of 2.7.

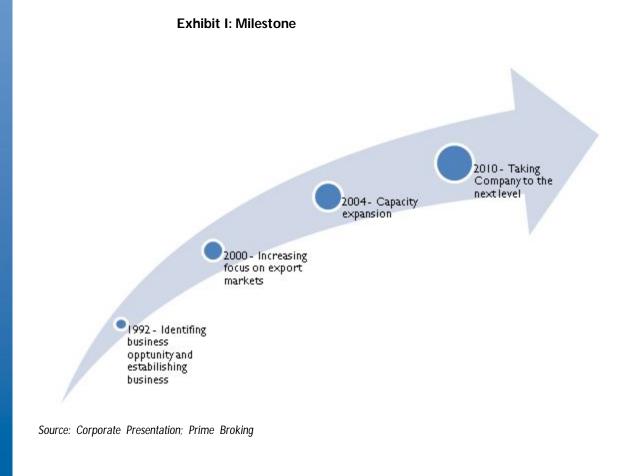


CMP: Rs.

Target Price: Rs.130 Management Meet Note



The Company is into manufacturing of wide varieties of PVC flooring solutions, seat covering and upholstery solutions, pharmaceutical packaging and transparent sheeting; servicing clients across diverse sectors. It has a total manufacturing capacity of 47,700 MTPA in PVC. The company is planning to triple its capacity in vinyl flooring and doubling in PVC leather cloth. Its export-oriented subsidiary company, Axiom Cordages Ltd, is into manufacturing of synthetic ropes used in the oil-rigs and shipping industry. It has well-established overseas presence with exports comprising more than majority of its total revenues. The Company has presence in over 70 countries through 11 sales offices and 300+ distribution agents and retailers. It supplies to well-known clients in different industry verticals including healthcare, hospitality, retail, transportation, sports and fitness centres, specialty and commercial office spaces and other real estate developers. Besides the company is also member of prestigious industry associations like US Green Building Council, World Floor Covering Association, Star Net Association (USA), and Indian Green Building Council.





As per the Exhibit I:

- In 1992 the first high grade vinyl and PVC processing plant was conceptualized and designed. The first machinery was imported for setting up of the plant and operations were begun with a focus on domestic market where there was plenty of unmet demand. The Company acquired land for the plant and undertook expansion of facilities to cater to increasing demand.
- In 2000 the company increased focus on export markets. In that process it undertook international certifica tions of products and processes.
- In 2004 it undertook significant up-gradation of machinery and production capabilities. Investment was made in Axiom Cordages for capacity expansion and product innovation.
- By 2010 with established and certified products and processes in place, company expands its production lines to cater to growing demand. It will increase global footprint to 130 countries by FY13 and successfully cater to fast-growing domestic demand.

DOMINANT MARKET SHARE

The company enjoys 85% market share in domestic bus body manufacturing industry and 95% market share in auto-canopy new use and replacement market in India. The company is also leading supplier to Indian Railways for floors and seat covers in their coaches. The products of the company are used in places attracting high traffic like malls, shopping complexes and commercial spaces and also fulfilling specialty flooring requirements (like anti-bacterial, anti-static, etc) in hospitals, hotels, sports centres and gymnasiums. The following exhibit shows various industries that the company caters to:





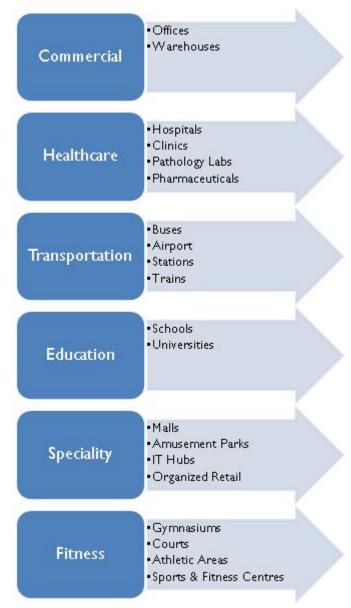






Exhibit III: Major Clients Across Sectors GOVERNMENT



RESPONSIVE INDUSTRIES LIMITED

Source: Company

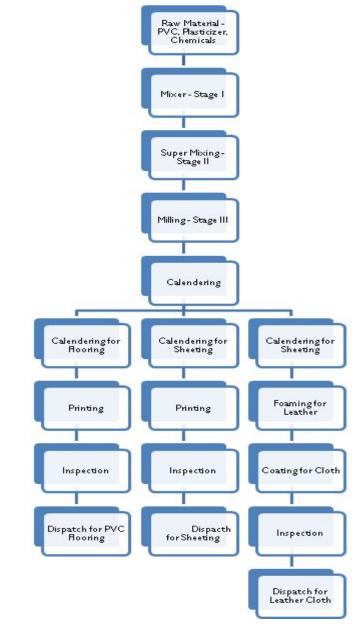


MANUFACTURING FACILITY

The company's manufacturing facility is located at Tarapur (i.e. outskirts of Mumbai) in Thane District, Maharashtra. The company has best-of-the-line machinery in place, with latest technology in its production lines. It has adaptable machinery to suit current market requirements and consumer demand along with well-experienced plant managers and operating engineers to supervise and manage the operations. Besides, it also has laboratory with testing and research personnel, for quality testing and assurance and new product development and in-house logistics support is in place for critical delivery.

The production process can be summarized as Exhibit IV

Exhibit IV: Production Process



Source: Corporate Presentation; Prime Broking

PRODUCT PORTFOLIO

The products of the company are classified as Exhibit V:

Exhibit V: Product Portfolio



Source: Corporate Presentation; Prime Broking

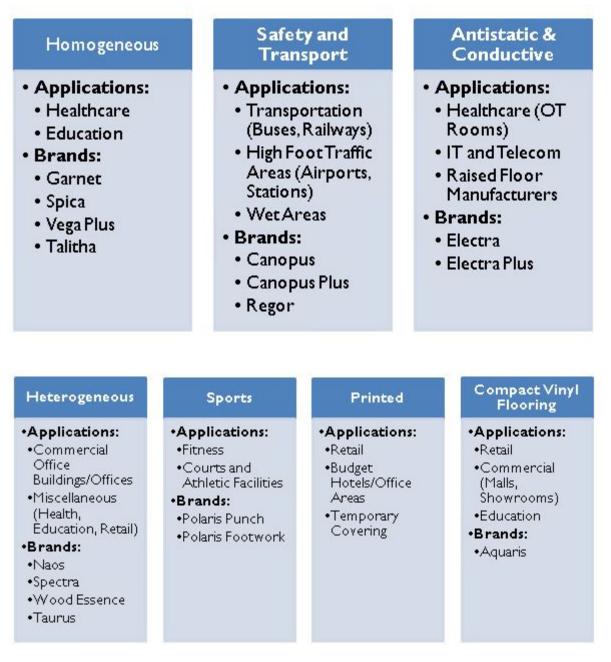
Vinyl Flooring

- It is one of the major contributors to the top line & is a high growth product segment.
- It is available in two forms sheets & tiles, which can be easily customized & installed.
- The products are cost effective & is a time saving option for flooring in high traffic areas like malls, restaurant, offices, gyms, etc.
- The flooring solution is used in transportation, healthcare, sports and fitness industry, retail and other industries.

- Are

The types of Vinyl Flooring are as per Exhibit VI:

Exhibit VI: Types of Vinyl Flooring



Source: Corporate Presentation; Prime Broking

RESPONSIVE IN



PVC Leather Cloth

- It is also one of the major contributors to the top line & is a high growth segment.
- Synthetic leather cloth fast replacing natural leather for many product lines.
- It is used in railways, automobiles, footwear, sports goods, garment, luggage, furniture.

Its key features are:

- **Sponge Leather:** Long lasting properties, large array of colors, wide array of uses such as automobile upholstery, material for furniture, etc
- Un-foamed Leather: Extra superior tear strength, used in making soft luggage, shoes, bags, diary covers, etc

• Coated Leather Cloth: Process of coating is unique to RIL and mastered by us. Its applications are numerous retail items such as purses, bags, shoes, etc

Major applications of PVC Leather Cloth are:

- Buses/Trains Seat Covers
- Car Paneling
- Retail Items (Jackets, wallets, cushion covers, etc)

Rigid Blister Film

- PVC Rigid Blister Films are used in the pharmaceutical industry for blister packaging of medicines.
- These films are extremely versatile and can be thermoformed, welded, printed and laminated.

The various types of Rigid Blister Films are as per Exhibit VII

Exhibit VII: Rigid Blister Films

The highest order thermo-forming film surpassing benchmark standards of packing A notch above This conventional PVC Film is made to suit the Designed specifically for high speed, high ARMSTRONG **ARMSTRONG PLUS** MAXIM PEAR Rigid film used for Arms brong, Arms brong Plus has added features MAGI productive machines, Maxima is the most rigorous requirements of pharmaceuticals thermo-forming capabilities and can be such as dual polish and tensile PVC Rigid Film. Therefore, it is the preferred film for life companies worldwide. Because of its speed high detes tability which makes it more durable rendered into any immense popularity with several medical draw capacity, it is used and strong for extreme packing requirements. versatile nature of this and pharmaceuticals companies to package their tablets on high speed machines saving drugs and medicinal capsules that film has made it finding uses in box folding, hardware popular in packing of tooth brushes, bis cuits, adhere to stringent packing, food packing standards. shaving razors

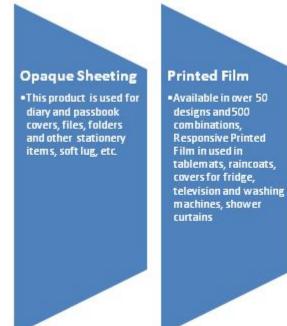
Source: Corporate Presentation; Prime Broking

Soft Sheeting

- Soft sheeting or transparent sheeting has multiple usages across industries.
- Opaque soft sheets are used for diary and pass book covers.
- Printed films are used for raincoats, tablemats, covers, etc.
- Transparent films are used for stationery items.

The various types of Soft Sheeting are as per Exhibit VIII

Exhibit VIII: Soft Sheeting



Source: Corporate Presentation; Prime Broking

Clear Transparent Film

 Available as embossed and un-embossed, this film finds use in making of stationery items, diary covers, files, folders, raincoats, shower curtains, table mats and several other applications

'Chill Man'

 brand for raincoats, shower curtains, and table mats; 'Toy Lamina' brand for inflatable toys and aprons; 'Insulation Tape Film' for electric insulation and other uses and 'Clinical Film' for urine bags and medical kits.

INTERNATIONAL ACCREDIATIONS AND MEMBERSHIPS

ISO 9001:2000

It certifies that company consistently provides quality products to satisfy customer needs & ensure that is enhanced continuously.

ISO 14001:2004

It is awarded for establishment and implementation of environmental management system and assurance of adherence to environmental policy.

World Floor Covering Association

It provides practical solutions and tools to its members to streamline the business & has as its other member organizations associated with the manufacture, sale and services segments.

Star Net Association of USA

It enables the company to become the preferred vendor for top notch U.S. contractors.

US FDA

It is awarded for DMF Registration under US FDA for Rigid Blister Films used in pharmaceutical packaging.

U.S. Green Building Council

It is a source to provide education & training mainly to the employees of member organization in green initiatives related to constructions.

Indian Green Building Council

It aims to usher in a green building movement and facilitate India's emergence as one of the world leaders in green buildings by 2010.

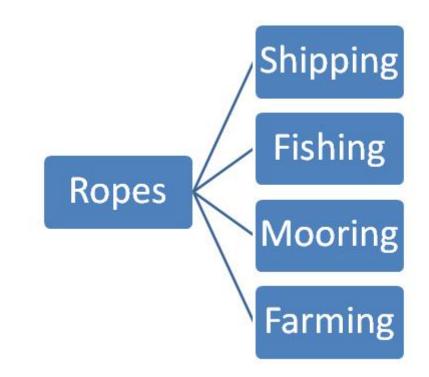
International Maritime Organisation

It develops and maintains regulatory framework for shipping and remits safety, environmental concerns, legal matters, technical co-operation, maritime security and efficiency of shipping.



Axiom Cordages Ltd (formerly known as Axiom Impex International Ltd) is among India's largest exporters **of new generation synthetic ropes**, possessing outstanding technical knowhow to deliver next generation ropes to clients globally. A subsidiary of Responsive Industries Ltd and a 100% export oriented unit (EOU) engaged in manufacturing wide range of synthetic ropes using Polypropylene (PP), Polyethylene (PE), Nylon and Polyester. It caters to the requirements of shipping, transport, oil exploration and telecom industries across 65 countries globally. The ropes are classified into the user based industries that they serve and are shown in Exhibit IX:

Exhibit IX: User Industries



Source: Corporate Presentation; Prime Broking

The company through its processes has cost-advantages which are passed onto customers and its constant innovation is the key driver of lower cost. The company has sophisticated machinery which allows the company to make efficient use of its resources. The new formulations result in better product with higher breaking strengths, longer life span and lower production cost. The ropes are custom made to customer requirements and its characteristics regularly adjusted for geographical differences. The properties can be adjusted – ex: higher breaking strength requirement, etc. The products of the company can further be classified as per Exhibit X:

Exhibit X: Types of Ropes

Shipping DAN - STRONG (Polypropylene Polysteel) MARINA MAXI (Combination Dual Fiber) POLYAMIDE (Nylon Ropes) AOXI FLEX (Polydacron Polyester) TUSKER (Polypropylene / Split Film) CARGONETS (Ports & Heavy Cargo) Mooring MOORINGTAILS (Slings)

- SUPER FLEX (PP/PES)
- MAXI FLEX (PP/PES)

Fishing

- POLYETHYLENEFLEXI (HDPE/PE/Coloured)
- LONG LINES (Specialized)

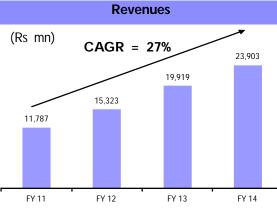
Farming

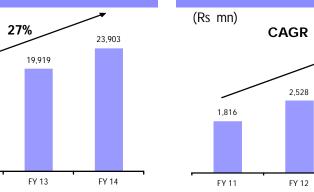
BALER TWINES (Crop Packing)

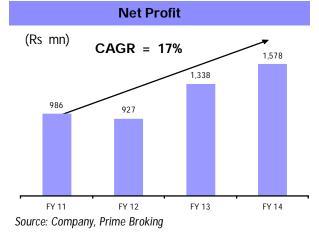
Source: Corporate Presentation; Prime Broking

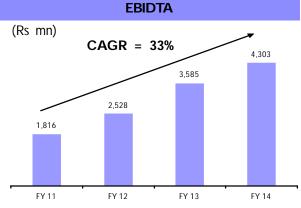
PERFORMANCE

The company is expected to grow at 27% CAGR in revenue terms, 33% CAGR in EBIDTA terms and 17% CAGR on the bottom line. (Exhibit XI)









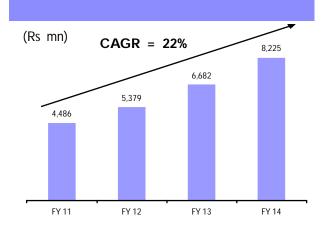


Exhibit XI: Performance Outlook



INDUSTRY SCENARIO

Global PVC Scenario

The Demand for PVC is driven by fast growing developing countries viz. China, India and Brazil. Their demand is largely compensating the slowdown in the developing economies of North America and Europe. PVC Demand from developing countries is estimated at 61% of the total demand by 2020. Chinese demand will be the major driver in 2020, with Chinese Government estimating an expenditure of USD 600 bn towards investment in infrastructure. It is estimated that China will account for 44% of the global PVC demand by 2020, growing at 15% p.a. over the years.

Global Vinyl Flooring Scenario:

The Vinyl Flooring industry is a part of a USD 150 bn global flooring & carpet sector of which Vinyl accounts for 10%. The global flooring market grew by 4.6% from 2000 to 2005 & is projected to grow at 4.1% upto 2015 with increasing demand in China, India, Indonesia, Turkey, Iran, Ukraine and Saudi Arabia.

Domestic Flooring Scenario:

The Indian flooring market is the third largest in the Asia. Due to large, low income & agricultural population, there is low base flooring in India. The total flooring demand in the year 2015 would be around 705 mn sq. mtrs, with 5% of the demand by Vinyl floorings would work out to 35 Mn sq. mtrs (turnover Rs. 5000 mn). The domestic market would increase from the present Rs. 1500 mn to about Rs.6000 mn by 2015.

Domestic PVC Synthetic Leather Scenario:

The PVC synthetic leather is fast replacing natural leather for many products all over the world due to its distinct properties such as durability, broad plasticity range, excellent resistance to sunlight & degradation, greater wash ability, water-vapor permeability, weather resistance, printability & competitive prices. Domestic demand for PVC synthetic leather primarily comes from railways, automobile industry, footwear industry, sports goods industry, garments industry, luggage industry and furniture & furnishings. Indian Railways will replace all wooden seats in the trains with cushioned ones and add third berth on the aisle side in all 14000 AC-3 tier and sleeper coaches and replace the floorings in these new coaches, which will result in increase in demand for PVC Leather Cloth in the domestic market.



VALUATION

We expect a 27% CAGR in topline growth and 33% EBIDTA growth over the period FY11A to FY14E . The EPS estimates for FY12E, FY13E and FY14E are at Rs. 3.5, Rs. 5.1 and Rs. 6.0 respectively.

The stock is currently trading at an P/E multiple of 27.5x, 19.0x and 16.1x times & EV / EBIDTA of 12.6x, 8.8x and 7.1x its FY12E, FY13E and FY14 numbers. In our EV calculation we have reduced the Compulsory Convertible Debentures CCD) from net debt.

We are bullish on the stock with a price target of Rs. 130 on an P/E multiple of 21.5x times FY14E numbers.

Fiscal Year	FY09 (A)	FY10 (A)	FY11 (A)	FY12 (E)	FY13 (E)	FY 14(E)
Revenues (Rs. mn)	6,502	8,393	11,787	15,323	19,919	23,903
EBITDA (Rs. mn)	889	1,287	1,816	2,528	3,585	4,303
EBITDA (%)	13.7%	15.3%	15.4%	16.5%	18.0%	18.0%
PAT (Rs. mn)	494	667	986	927	1,338	1,578
Net Profit (%)	7.6%	7.9%	8.4%	6.1%	6.7%	6.6%
No. of Shares (mn)	218	244	257	262	262	262
EPS (Rs.)	1.9	2.6	3.5	3.5	5.1	6.0
P/E	-	-	-	27.5	19.0	16.1
ev/ebitda	-	-	-	12.6	8.8	7.1

KEY RISKS

The key downside risks are as follows:

i) Volatility in PVC prices could affect the performance of the company drasticially.

ii) Exposure to foreign exchange fluctuations

Annexure I: Consolidated Profit & Loss Statement						
Rs mn F1	(09 (A)	FY10 (A)	FY11 (A)	FY12 (E)	FY13 (E)	FY14 (E)
Total Income (incl. Other Income)	6,525	8,491	11,912	15,348	19,944	23,928
Total Expenses	5,613	7,106	9,971	12,794	16,334	19,601
PBITDA	912	1,385	1,941	2,553	3,611	4,328
PBITDA Margin (%)	14.0%	16.3%	16.3%	16.6%	18.1%	18.1%
Depreciation	272	373	531	898	1,243	1,315
PBIT	639	1,011	1,410	1,655	2,368	3,013
PBIT Margin (%)	9.8%	11.9%	11.8%	10.8%	11.9%	12.6%
Interest	24	95	111	330	456	468
EO	(1)	0	(4)	0	0	0
РВТ	617	916	1,303	1,325	1,912	2,545
PBT Margin (%)	9.4%	10.8%	10.9%	8.6%	9.6%	10.6%
Тах	120	249	308	397	574	967
PAT	496	667	995	927	1,338	1,578
Less: Minority Interest	32	41	76	0	0	0
Add: Share of Profit from Associates	(46)	0	0	0	0	0
Adjusted PAT	418	626	918	927	1,338	1,578
Net Profit Margin	6.4%	7.4%	7.7%	6.0%	6.7%	6.6%
No. of shares	218	244	257	262	262	262
EPS	1.9	2.6	3.6	3.5	5.1	6.0

Source: Company, Prime Broking; (A) Audited; (E) Estimated

Annexure II: Consolidated Balance Sheet Statement

Rs mn	FY09 (A)	FY10 (A)	FY11 (A)	FY12 (E)	FY13 (E)	FY14 (E)
Share Capital & Application Money	244	1,004	842	262	262	262
Reserves & Surplus	1,491	2,083	3,644	5,116	6,420	7,963
Networth	1,734	3,087	4,486	5,379	6,682	8,225
Loan Funds	1,273	3,820	3,504	7,504	7,704	7,904
Deferred Tax Liability (Net)	143	224	264	396	492	619
Minority Interest	95	136	213	213	213	213
Total Liabilities	3,245	7,267	8,467	13,492	15,091	16,961
Net Fixed Assets	3,128	5,494	7,172	11,780	12,537	13,223
Investments	45	340	163	163	163	163
Cash and Bank Balances	351	364	205	146	573	1,631
Debtors	191	1,067	903	1,770	2,300	2,761
Inventory	277	449	535	596	761	913
Loan, Advances & Other Current Ass	ets 586	162	157	204	265	318
Current Liabilities	1,333	608	668	1,166	1,508	2,047
Net Current Assets	72	1,433	1,132	1,549	2,390	3,575
Total Assets	3,245	7,267	8,467	13,492	15,091	16,961

Source: Company, Prime Broking; (A) Audited; (E) Estimated

Annexure	III: Cons	olidated Ca	sh Flow S	tatement		
Rs mn	FY09 (A)	FY10 (A)	FY11 (A)	FY12 (E)	FY13 (E)	FY14 (E)
Profit Before Tax	615	916	1,299	1,325	1,912	2,545
Depreciation	272	373	531	898	1,243	1,315
Interest	21	95	111	330	456	468
Other Items	-44	-200	-100	-86	-190	-177
Change in Working Capital	150	-1,341	211	-415	-250	25
Income Tax Paid & Other Adjustments	-84	-17	-268	-265	-478	-840
Cash Flow from Operations	931	-174	1,784	1,787	2,693	3,336
Change in Net Fixed Assets	-1,100	-2,740	-2,209	-5,507	-2,000	-2,000
Change in Investments & Interest Received	d 3	-295	0	0	0	0
Dividend Received	0	4	4	25	25	25
Other Items	6	25	184	1	0	0
Cash Flow from Investing	-1,090	-3,006	-2,021	-5,480	-1,975	-1,975
Change in Capital	899	760	524	0	0	0
Debt Raised	-415	2,560	-303	4,000	200	200
Interest Paid	-21	-33	-33	-35	-35	-35
Dividend Paid	-20	-95	-111	-330	-456	-468
Cash Flow from Financing	444	3,192	77	3,635	-291	-303
Change in Cash	284	12	-160	-58	427	1,058
Opening Cash & Bank Balance and others	79	443	345	204	146	573
Closing Cash & Bank Balance	363	456	185	146	573	1,631

Source: Company, Prime Broking; (A) Audited; (E) Estimated

Annexure IV: Key Financial Ratios

		•				
	FY09 (A)	FY10 (A)	FY11 (A)	FY12 (E)	FY13 (E)	FY14 (E)
Net Sales Growth	59.7%	29.1%	40.4%	30.0%	30.0%	20.0%
EBITDA Growth	42.8%	44.8%	41.1%	39.2%	41.8%	20.0%
EBIT Margin	9.5%	10.9%	10.9%	10.6%	11.8%	12.5%
Net Profit Margin	7.6%	7.9%	8.4%	6.1%	6.7%	6.6%
Debt to Equity Ratio	0.7	1.2	0.8	1.4	1.2	1.0
Interest Coverage Ratio	25.7	9.6	11.5	4.9	5.1	6.4
Inventory Turnover (Days)	15	16	16	13	12	13
Debtor Turnover (Days)	10	27	31	32	37	39
Return on Asset	15.2%	9.2%	11.7%	6.9%	8.9%	9.3%
Return on CE	19.0%	12.6%	15.2%	12.1%	15.5%	17.6%
Source: Company Prime Proking: ((A) Auditod: (E)	Ectimated				

Source: Company, Prime Broking; (A) Audited; (E) Estimated

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STOCK OWNERSHIP / CONFLICT DISCLOSURE	
Prime / Prime Subsidiaries	No
Key Prime Management &/or Other Employees	No
Any Other Corporate Finance Conflict of Interest	No

ANALYSTS' RATINGS DEFINITIONS	
STRONG BUY	Expect \geq 25% CAGR return
BUY	Expect a CAGR return \geq 15% and $<$ 25%
HOLD	Expect < 15% CAGR return
SELL	Expect \leq 5% CAGR return

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