

12 August 2023

India | Equity research | Q1FY24 Result Review

Astral Ltd

Plastic

Demand environment healthy; margins to improve further

In Q1FY24, Astral reported pipes volume growth of 31.1% YoY (4-year CAGR of 10.9%). Consol revenue grew 5.8% YoY with pipes/adhesives segments growing ~6%/9% YoY. Consolidated EBITDA margin improved 165bps YoY (-480bps QoQ) to 15.7%, leading to EBITDA/APAT growth of 18.2%/26.4% YoY. Pipes EBITDA/kg declined 5.4% YoY to INR35.2 due to inventory losses of ~INR 150mn (adj. EBITDA/kg of ~INR38). Adhesives margin was flat YoY. Management stated demand for pipes was strong and has guided for pipes vol CAGR of 15% for next 5 years with EBITDA/kg of INR 35-40. It maintained its guidance for ~15-20% revenue growth in adhesives and margin of >15% in FY24. We tweak our PAT estimates by 1% for FY25E and maintain **HOLD** rating with a rolled-over Sep'24 TP of INR 1,909 (earlier: INR1,805).

Pipes volume growth of 31% YoY driven by plumbing segment

Astral reported pipes vol growth of 31.1% YoY (4-year CAGR of 10.9%) in Q1, driven by the plumbing sector. Pipes revenue grew 5.5% YoY while realisation fell ~20% YoY. Adhesives revenue grew ~9% YoY while paints revenue declined ~26% YoY (impacted by SAP implementation). Management stated demand was strong for pipes and is expected to remain so in the medium term. Thus, to cater to the strong demand, Astral has planned pipes capacity expansion of ~45% (142,000tpa) over FY24-FY26. It has guided for 15% YoY pipes volume CAGR for the next 5 years and ~15-20% YoY revenue growth in adhesives in FY24. We model pipes volume CAGR of 14.9% over FY23-FY26E.

Operating margins impacted by inventory losses

Astral's consolidated EBITDA margin increased 165bps YoY to 15.7% (-480bps QoQ) leading to EBITDA / APAT growth of 18.2% / 26.4% YoY. Pipes EBITDA/kg fell 26.2% QoQ to INR 35.2 due to inventory loss of ~INR 150mn (adj. EBITDA/kg of ~INR 38/kg; -20% QoQ). Management indicated that PVC/CPVC prices have largely stabilised and that profitability is expected to improve going forward, guiding for EBITDA/kg of INR 35-40 for FY24. Adhesives margin was flat YoY (-175bps QoQ due to lower profitability of UK operations), but management expects margins to improve going forward driven by lower RM costs. We have modelled pipe EBITDA/kg at ~INR 38 / 39, and adhesive margin at ~15.6% / 15.9% for FY24E/FY25E.

Financial summary

Y/E March (INR mn)	FY23A	FY24E	FY25E	FY26E
Net Revenue	51,585	59,582	70,664	78,981
EBITDA	8,112	10,407	12,700	14,180
EBITDA %	15.7	17.5	18.0	18.0
Net Profit	4,460	6,668	8,283	9,398
EPS (Rs)	16.6	24.8	30.8	35.0
EPS % Chg YoY	(6.6)	49.5	24.2	13.5
P/E (x)	118.9	79.5	64.0	56.4
EV/EBITDA (x)	64.6	50.4	41.0	36.1
RoCE (%)	17.0	19.4	21.2	19.9
RoE (%)	17.7	22.6	24.0	22.4

Arun Baid

arun.baid@icicisecurities.com
+91 22 6807 7235

Sohil Kaura

sohil.kaura@icicisecurities.com

Market Data

Market Cap (INR)	530bn
Market Cap (USD)	6,408mn
Bloomberg Code	ASTRA IN
Reuters Code	ASTL BO
52-week Range (INR)	2,058 / 1,298
Free Float (%)	44.0
ADTV-3M (mn) (USD)	15.9

Price Performance (%)	3m	6m	12m
Absolute	27.7	35.7	33.4
Relative to Sensex	6.5	8.7	11.6

ESG Disclosure	2021	2022	Change
ESG score	47.5	51.3	3.8
Environment	29.5	30.4	0.8
Social	28.0	38.6	10.6
Governance	84.9	84.9	-

Note - Score ranges from 0 - 100 with a higher score indicating higher ESG disclosures.

Source: Bloomberg, I-sec research

Earnings Revisions (%)	FY24E	FY25E
Revenue	(1.3)	(0.4)
EBITDA	0.1	1.1
EPS	0.1	(1.1)

Previous Reports

26-05-2023: [Company Update](#)

18-05-2023: [Q4FY23 results review](#)

Bathware and paint segments to scale up

In Q1FY24, the newly entered bathware segment reported revenues of ~INR 139mn with EBITDA loss of INR 34mn. Company now has presence in over 500 showrooms / display centres / sales points across the country. As per management, the product is getting increasing acceptance and they are hopeful of higher traction in sales from Q3FY24. Paint segment revenues in Q1 declined ~26% to INR 410mn due to migration to SAP and re-KYC of all dealers. Management expects the paint business to see increased traction going ahead as they now have total control over the company. Paint segment had EBITDA margin of ~17% in Q1 (aided primarily by lower RM costs) and the management expects margin of ~15%-16% to be sustainable in this segment over the medium term.

Valuations & view

Astral's Q1FY24 operational performance has been below expectations largely due to inventory losses. Going ahead, we believe the company will likely witness volume and margin tailwinds due to lower commodity prices and pick-up in real estate. We continue to like Astral for its comprehensive portfolio, wide distribution reach and strong brand presence, along with net-debt-free balance sheet and high return ratios. Maintain **HOLD** with a rolled-over Sep'24E target price of INR 1,909; set at unchanged 58x 1-year forward P/E.

Exhibit 1: Q1FY24 consolidated result review

INR mn	Q1FY24	Q1FY23	YoY(%)	Q4FY23	QoQ (%)
Total revenues	12831	12129	5.8%	15062	-14.8%
Raw Materials	8050	8351	-3.6%	9281	-13.3%
% of sales	62.7%	68.9%	-611 bps	61.6%	112 bps
Employee cost	996	768	29.7%	862	15.5%
% of sales	7.8%	6.3%	143 bps	5.7%	204 bps
Other expense	1769	1,304	35.7%	1830	-3.3%
% of sales	13.8%	10.8%	304 bps	12.1%	164 bps
Total expenditure	10815	10423	3.8%	11973	-9.7%
% of sales	84.3%	85.9%	-165 bps	79.5%	480 bps
EBITDA	2016	1706	18.2%	3089	-34.7%
EBITDA margin (%)	15.7%	14.1%	165 bps	20.5%	-480 bps
Depreciation	463	433	6.9%	445	4.0%
EBIT	1553	1273	22.0%	2644	-41.3%
EBIT margin (%)	12.1%	10.5%	161 bps	17.6%	-545 bps
Interest cost	64	27	137.0%	54	18.5%
Other income	121	112	8.0%	66	83.3%
PBT	1610	1358	18.6%	2656	-39.4%
Taxes	423	316	33.9%	654	-35.3%
PAT before MI/JVs	1187	1042	13.9%	2002	-40.7%
Less: forex loss/(gain)	-6	106	-105.7%	-21	nm
Less: minority int	-5	73	-106.8%	5	nm
Less: extraordinary items	0	0	nm	18	nm
PAT from discontinued operations	0	-25	nm	-72	nm
Loss from JV	0	0	nm	15	nm
RPAT	1198	888	34.9%	2057	-41.8%
APAT	1194	944	26.4%	1994	-40.1%

Source: I-Sec research, Company data

Exhibit 2: Q1FY24 consolidated segmental result review

INR mn	Q1FY24	Q1FY23	YoY(%)	Q4FY23	QoQ (%)
Revenue					
Plumbing	9,383	8,761	7.1%	11,235	-16.5%
Paints & Adhesives	3,448	3,368	2.4%	3,827	-9.9%
Net Sales	12,831	12,129	5.8%	15,062	-14.8%
EBIT					
Plumbing	1,268	977	29.8%	2,215	-42.8%
Paints & Adhesives	339	316	7.3%	471	-28.0%
Total	1,607	1,293	24.3%	2,686	-40.2%
EBIT Margin (%)					
Plumbing	13.5%	11.2%	236 bps	19.7%	-620 bps
Paints & Adhesives	9.8%	9.4%	45 bps	12.3%	-248 bps
Total	12.5%	10.7%	186 bps	17.8%	-531 bps

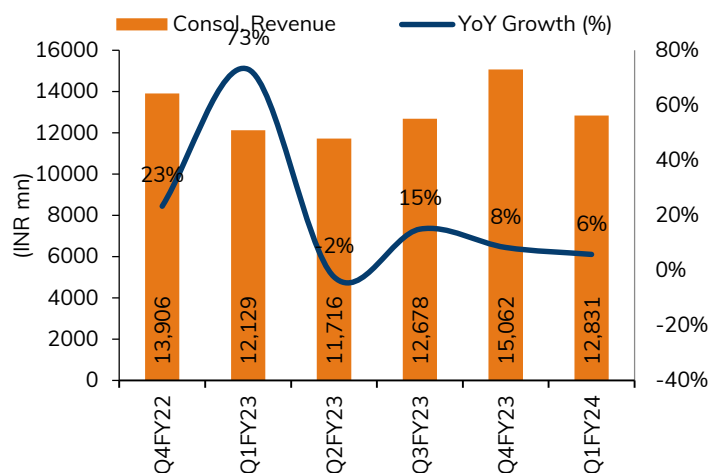
Source: I-Sec research, Company data

Key takeaways from Q1FY24 earnings conference call

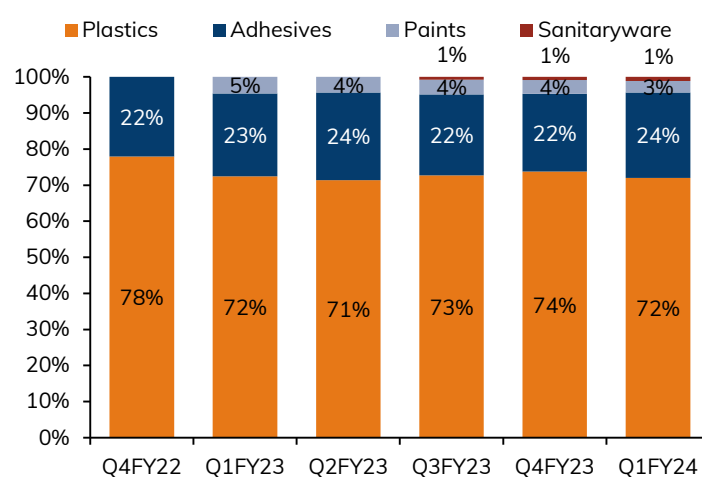
- **Demand:** Management stated that demand conditions were robust during the quarter and it continues to see strong momentum going forward. It indicated that **Q2-TD volume growth is better than the monthly average run-rate in Q1FY24.**
- Management reported **inventory loss of INR 150mn during Q1.**
- **Adhesives segment** saw good demand for India operations with plants running at 65% utilisation and volumes growing 15-20% YoY. India adhesives operations reported margin of ~16% while UK operations margins were ~4%. Management expects margin to improve going forward, driven by improving demand situation and lower RM costs. It is also planning to launch new chemistries in waterproofing segment.
- **Paints segment** revenue declined ~26% YoY to INR 410mn as it was impacted by implementation of SAP, which led to sales loss of INR 150mn-200mn. Paints margin improved ~200bps YoY to 17% due to lower RM costs. Senior management staff has been hired for the paints division and the company plans to relaunch paints under the Astral brand soon.
- **Sanitaryware segment** reported revenue of INR 139mn and EBITDA loss of INR 34mn during Q1FY24. Astral has opened 500+ stores and, from Q3FY24 onwards, it will focus on enhancing sales for this segment. It plans to launch sanitaryware for the economy segment soon.
- **Guidance:** Management maintained its guidance of pipes revenue CAGR at 15% for the next 5 years. For FY24, management has guided for 15-20% YoY adhesives revenue growth, and >15% adhesives margin. It has guided for pipes EBITDA/kg of INR 35-40/kg in FY24.
- **RM prices:** Management indicated that CPVC prices softened during Q1 and further decline is expected going forward. It also indicated that PVC prices have bottomed out.
- **Capacity expansion:** Management has announced capacity expansion of 142,000mtpa over FY24-FY26. Guwahati unit (leased land model) with a capacity of 22,000mtpa is expected to be commissioned in Sep'23. Hyderabad unit with a phase-1 capacity of 30,000 mtpa is expected to be commissioned in Sep'24 and that for phase-2 capacity of 40,000 mtpa is expected in FY26. It has also planned

a capacity expansion of 50,000 mtpa in Kanpur (U.P.) where it has already purchased land. Phase-1 of the U.P. plant will be commissioned in FY25 and phase-2 in FY26. Dahej plant is undergoing trial production and commercial production is expected to commence in a few months.

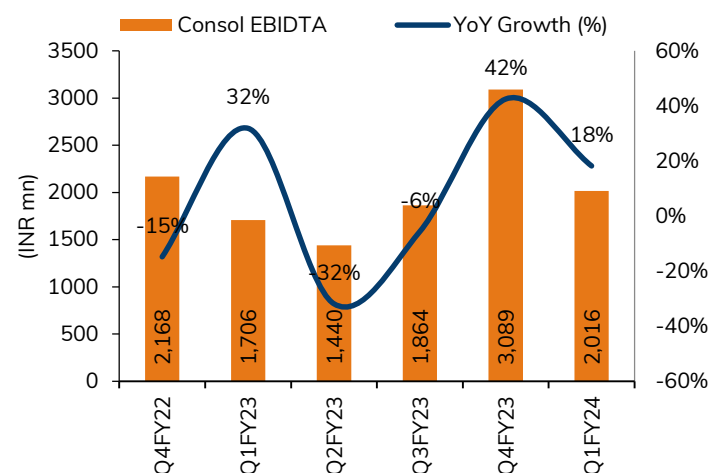
- **Capex:** Management has highlighted a capex outlay of INR 3.5bn in FY24 and INR 2.5bn in FY25.

Exhibit 3: Consolidated quarterly revenue


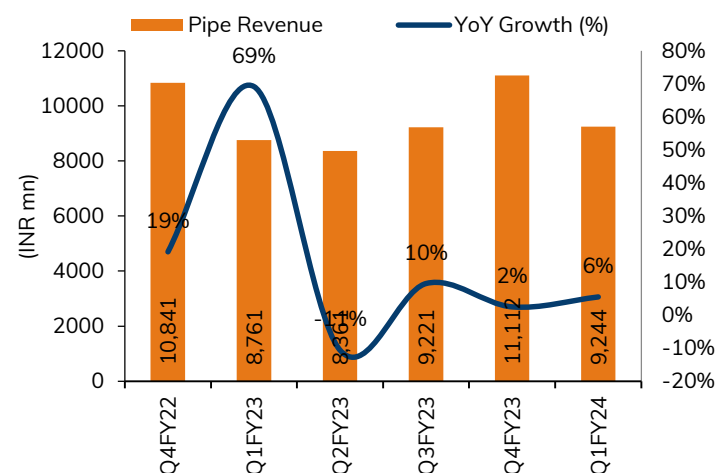
Source: I-Sec research, Company data

Exhibit 4: Consolidated quarterly revenue breakup


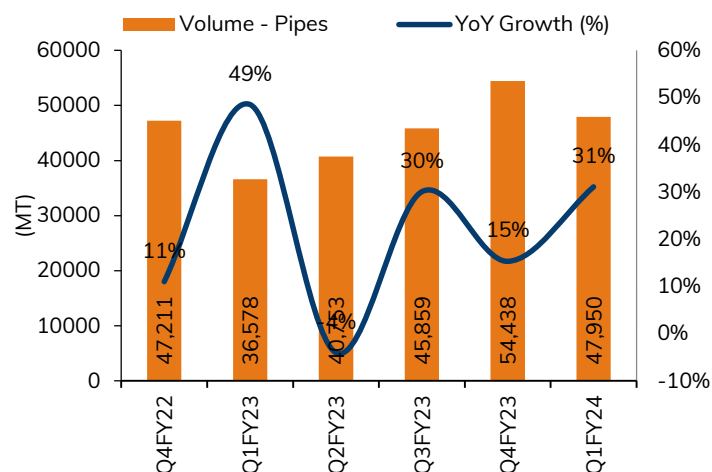
Source: I-Sec research, Company data

Exhibit 5: Consolidated quarterly EBITDA


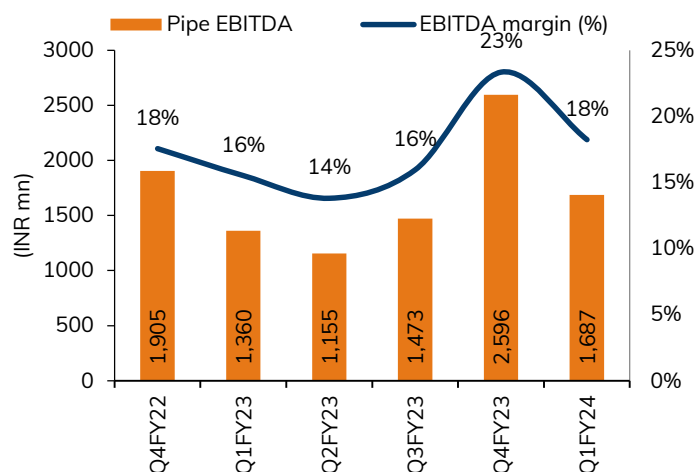
Source: I-Sec research, Company data

Exhibit 6: Quarterly pipes revenue


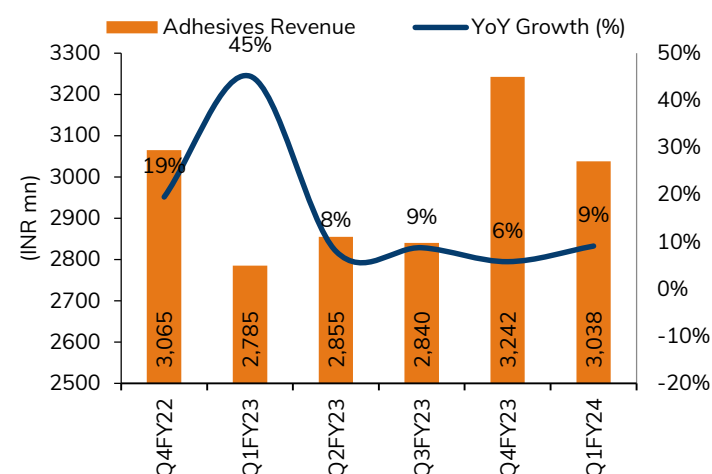
Source: I-Sec research, Company data

Exhibit 7: Quarterly pipes volume

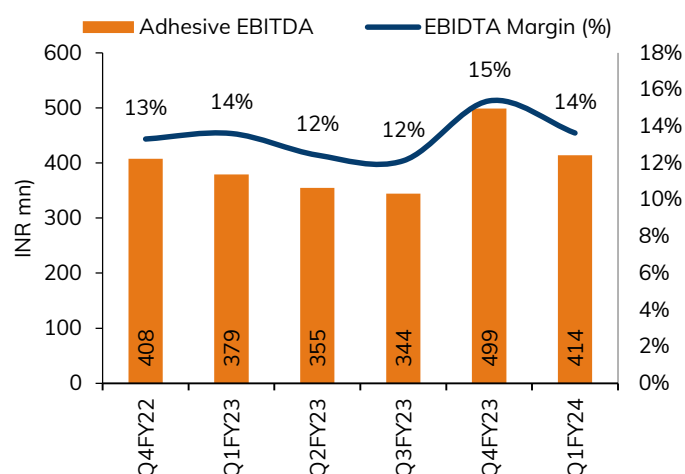
Source: I-Sec research, Company data

Exhibit 8: Quarterly pipes EBITDA and margin

Source: I-Sec research, Company data

Exhibit 9: Quarterly adhesive revenue

Source: I-Sec research, Company data

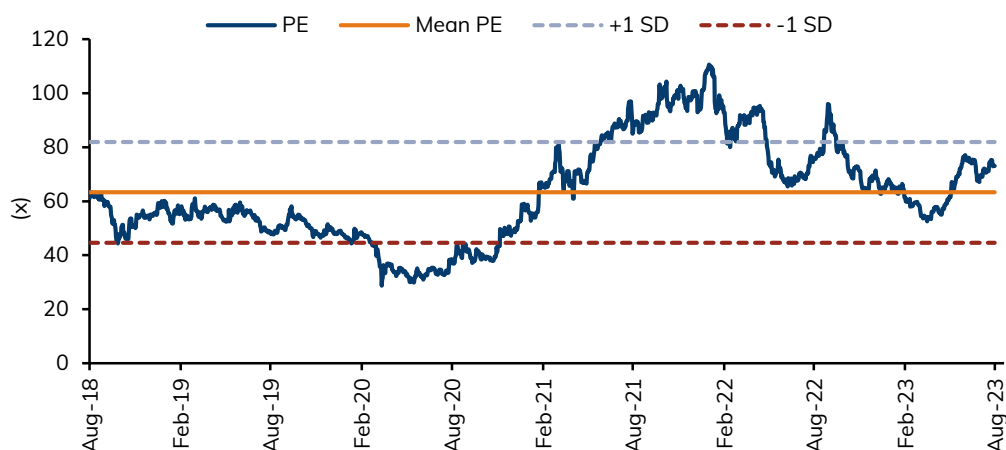
Exhibit 10: Quarterly adhesive EBITDA and margin

Source: I-Sec research, Company data

Valuation

Astral is among the leading players in India's CPVC/PVC plumbing pipes market. It has a wide-ranging product portfolio, robust brand and large distribution reach, which will likely enable it to benefit from the growing preference for organised players. Its adhesives business further boosts growth prospects.

Astral is expected to deliver revenue and EBITDA CAGRs of 15.3% and 20.5% respectively, over FY23-FY26E with strong return ratios (RoE of 24% in FY25E). Maintain **HOLD** with a rolled-over Sep'24E target price of INR 1,909 (earlier: INR 1,805), set at an unchanged 58x 1-year forward P/E.

Exhibit 11: 1-year forward P/E band

Source: I-Sec research, Company data

Key downside risks

- Slowdown in housing market causing lower demand.
- Sharp fall in PVC prices, which may adversely impact profitability of pipes segment due to inventory losses.
- High increase in raw material prices for adhesives will impact segmental profitability and demand.
- Failure to scale-up new businesses of sanitaryware, faucetware and paints.
- Inability to properly merge the paint acquisition.

Key upside risks

- Surge in PVC prices, which could result in better than expected profitability for plastic pipes.
- Better than expected pick-up in the demand scenario.

Exhibit 12: Shareholding pattern

%	Dec'22	Mar'23	Jun'23
Promoters	55.9	55.9	55.9
Institutional investors	30.1	30.4	31.5
MFs and others	8.7	8.7	8.8
FIs/Banks	0.1	0.1	0.1
Insurance	5.0	5.1	4.8
FIIIs	16.3	16.5	17.9
Others	14.0	13.8	12.6

Source: Bloomberg

Exhibit 13: Price chart

Source: Bloomberg

Financial summary

Exhibit 14: Profit & Loss

(INR mn, year ending March)

	FY23A	FY24E	FY25E	FY26E
Net Sales	51,585	59,582	70,664	78,981
Operating Expenses	43,473	49,175	57,964	64,801
EBITDA	8,112	10,407	12,700	14,180
EBITDA Margin (%)	15.7	17.5	18.0	18.0
Depreciation & Amortization	1,781	2,019	2,213	2,475
EBIT	6,331	8,389	10,487	11,705
Interest expenditure	400	127	65	20
Other Non-operating Income	209	546	516	723
Recurring PBT	6,140	8,807	10,939	12,408
Less: Taxes	(1,557)	(2,114)	(2,625)	(2,978)
PAT	4,583	6,693	8,313	9,430
Profit / (Loss) from Associates	-	-	-	-
Less: Minority Interest	(159)	(25)	(30)	(32)
Extraordinaries (Net)	142	-	-	-
Net Income (Reported)	4,566	6,668	8,283	9,398
Net Income (Adjusted)	4,460	6,668	8,283	9,398

Source Company data, I-Sec research

Exhibit 15: Balance sheet

(INR mn, year ending March)

	FY23A	FY24E	FY25E	FY26E
Assets				
Inventories	8,746	8,757	10,322	11,540
Cash & cash eqv.	6,821	6,455	9,387	18,037
Sundry Debtors	3,545	3,591	4,259	4,760
Other Current Assets	1,790	1,796	2,130	2,380
Trade payables	8,000	7,436	8,767	9,783
Other Current Liabilities	4,862	2,184	2,576	2,874
Net Current Assets	8,040	10,979	14,756	24,061
Investments	-	-	-	-
Net Fixed Assets	17,137	18,618	19,905	19,930
Other Non Current Assets	5,582	5,582	5,582	5,582
Total Assets	30,759	35,179	40,243	49,573
Liabilities				
Borrowings	773	500	150	50
Other Non Current Liabilities	397	397	397	397
Total Liabilities	1,170	897	547	447
Equity Share Capital	269	269	269	269
Reserves & Surplus	26,843	31,511	36,895	46,293
Total Net Worth	27,112	31,780	37,164	46,562
Minority Interest	2,477	2,502	2,532	2,564
Total Liabilities & Net Worth	30,759	35,179	40,243	49,573

Source Company data, I-Sec research

Exhibit 16: Quarterly trend

(INR mn, year ending March)

	Sep-22	Dec-22	Mar-23	Jun-23
Net Sales	11,716	12,678	15,062	12,831
% growth (YoY)	-2.4	15.0	8.3	5.8
EBITDA	1,440	1,864	3,089	2,016
Margin %	12.3	14.7	20.5	15.7
Other Income	109	-20	66	121
Extraordinaries	-70	-41	3	6
Adjusted Net Profit	745	960	1,994	1,194

Source Company data, I-Sec research

Exhibit 17: Cashflow statement

(INR mn, year ending March)

	FY23A	FY24E	FY25E	FY26E
Operating Cashflow	9,802	5,433	9,711	11,281
Working Capital Changes	1,196	(3,304)	(845)	(655)
Capital Commitments	(8,252)	(3,500)	(3,500)	(2,500)
Free Cashflow	1,550	1,933	6,211	8,781
Other investing cashflow	-	-	-	-
Cashflow from Investing Activities	(8,252)	(3,500)	(3,500)	(2,500)
Issue of Share Capital	68	-	-	-
Inc (Dec) in Borrowings	(78)	(273)	(350)	(100)
Dividend paid	(825)	(2,001)	(2,899)	-
Others	(312)	(25)	(30)	(32)
Cash flow from Financing Activities	(1,147)	(2,299)	(3,279)	(132)
Chg. in Cash & Bank balance	403	(366)	2,932	8,649
Closing cash & balance	6,821	6,455	9,387	18,037

Source Company data, I-Sec research

Exhibit 18: Key ratios

(Year ending March)

	FY23A	FY24E	FY25E	FY26E
Per Share Data (INR)				
Reported EPS	17.0	24.8	30.8	35.0
Adjusted EPS (Diluted)	16.6	24.8	30.8	35.0
Cash EPS	23.2	32.3	39.1	44.2
Dividend per share (DPS)	3.0	7.4	10.8	15.7
Book Value per share (BV)	100.9	118.3	138.4	173.3
Dividend Payout (%)	18.1	30.0	35.0	45.0
Growth (%)				
Net Sales	17.4	15.5	18.6	11.8
EBITDA	7.4	28.3	22.0	11.6
EPS (INR)	(6.6)	49.5	24.2	13.5
Valuation Ratios (x)				
P/E	118.9	79.5	64.0	56.4
P/CEPS	85.0	61.0	50.5	44.7
P/BV	19.6	16.7	14.3	11.4
EV / EBITDA	64.6	50.4	41.0	36.1
EV / Sales	10.2	8.8	7.4	6.5
Dividend Yield (%)	0.2	0.4	0.5	0.8
Operating Ratios				
Gross Profit Margins (%)	33.4	34.9	35.3	35.4
EBITDA Margins (%)	15.7	17.5	18.0	18.0
Effective Tax Rate (%)	25.4	24.0	24.0	24.0
Net Profit Margins (%)	8.6	11.2	11.7	11.9
NWC / Total Assets (%)	2.8	10.1	10.4	9.7
Net Debt / Equity (x)	(0.2)	(0.2)	(0.2)	(0.4)
Net Debt / EBITDA (x)	(0.7)	(0.6)	(0.7)	(1.3)
Profitability Ratios				
RoCE (%) (post-tax)	17.0	19.4	21.2	19.9
RoE (%)	17.7	22.6	24.0	22.4
Cash Conversion Cycle (on net sales)				
Inventory Days	62	54	53	53
Receivables Days	25	22	22	22
Payables Days	57	46	45	45

Source Company data, I-Sec research

This report may be distributed in Singapore by ICICI Securities, Inc. (Singapore branch). Any recipients of this report in Singapore should contact ICICI Securities, Inc. (Singapore branch) in respect of any matters arising from, or in connection with, this report. The contact details of ICICI Securities, Inc. (Singapore branch) are as follows: Address: 10 Collyer Quay, #40-92 Ocean Financial Tower, Singapore - 049315, Tel: +65 6232 2451 and email: navneet_babbar@icicisecuritiesinc.com, Rishi_agrawal@icicisecuritiesinc.com.

"In case of eligible investors based in Japan, charges for brokerage services on execution of transactions do not in substance constitute charge for research reports and no charges are levied for providing research reports to such investors."

New I-Sec investment ratings (all ratings based on absolute return; All ratings and target price refers to 12-month performance horizon, unless mentioned otherwise)
BUY: >15% return; ADD: 5% to 15% return; HOLD: Negative 5% to Positive 5% return; REDUCE: Negative 5% to Negative 15% return; SELL: < negative 15% return

ANALYST CERTIFICATION

I/We, Arun Baid, MBA; Sohil Kaura, M.Com (Finance); authors and the names subscribed to this report, hereby certify that all of the views expressed in this research report accurately reflect our views about the subject issuer(s) or securities. We also certify that no part of our compensation was, is, or will be directly or indirectly related to the specific recommendation(s) or view(s) in this report. Analysts are not registered as research analysts by FINRA and are not associated persons of the ICICI Securities Inc. It is also confirmed that above mentioned Analysts of this report have not received any compensation from the companies mentioned in the report in the preceding twelve months and do not serve as an officer, director or employee of the companies mentioned in the report.

Terms & conditions and other disclosures:

ICICI Securities Limited (ICICI Securities) is a full-service, integrated investment banking and is, inter alia, engaged in the business of stock brokering and distribution of financial products. Registered Office Address: ICICI Venture House, Appasaheb Marathe Marg, Prabhadevi, Mumbai - 400 025. CIN: L67120MH1995PLC086241, Tel: (91 22) 6807 7100. ICICI Securities is Sebi registered stock broker, merchant banker, investment adviser, portfolio manager, Research Analyst and Alternative Investment Fund. ICICI Securities is registered with Insurance Regulatory Development Authority of India Limited (IRDAI) as a composite corporate agent and with PFRDA as a Point of Presence. ICICI Securities Limited Research Analyst SEBI Registration Number – INH000000990. ICICI Securities Limited SEBI Registration is INZ000183631 for stock broker. ICICI Securities AIF Trust's SEBI Registration number is IN/AIF3/23-24/1292 ICICI Securities is a subsidiary of ICICI Bank which is India's largest private sector bank and has its various subsidiaries engaged in businesses of housing finance, asset management, life insurance, general insurance, venture capital fund management, etc. ("associates"), the details in respect of which are available on www.icicibank.com.

ICICI Securities is one of the leading merchant bankers/ underwriters of securities and participate in virtually all securities trading markets in India. We and our associates might have investment banking and other business relationship with a significant percentage of companies covered by our Investment Research Department. ICICI Securities and its analysts, persons reporting to analysts and their relatives are generally prohibited from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover.

Recommendation in reports based on technical and derivative analysis centre on studying charts of a stock's price movement, outstanding positions, trading volume etc as opposed to focusing on a company's fundamentals and, as such, may not match with the recommendation in fundamental reports. Investors may visit icidirect.com to view the Fundamental and Technical Research Reports.

Our proprietary trading and investment businesses may make investment decisions that are inconsistent with the recommendations expressed herein.

ICICI Securities Limited has two independent equity research groups: Institutional Research and Retail Research. This report has been prepared by the Institutional Research. The views and opinions expressed in this document may or may not match or may be contrary with the views, estimates, rating, and target price of the Retail Research.

The information and opinions in this report have been prepared by ICICI Securities and are subject to change without any notice. The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of ICICI Securities. While we would endeavour to update the information herein on a reasonable basis, ICICI Securities is under no obligation to update or keep the information current. Also, there may be regulatory, compliance or other reasons that may prevent ICICI Securities from doing so. Non-rated securities indicate that rating on a particular security has been suspended temporarily and such suspension is in compliance with applicable regulations and/or ICICI Securities policies, in circumstances where ICICI Securities might be acting in an advisory capacity to this company, or in certain other circumstances. This report is based on information obtained from public sources and sources believed to be reliable, but no independent verification has been made nor is its accuracy or completeness guaranteed. This report and information herein is solely for informational purpose and shall not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. ICICI Securities will not treat recipients as customers by virtue of their receiving this report. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. The recipient should independently evaluate the investment risks. The value and return on investment may vary because of changes in interest rates, foreign exchange rates or any other reason. ICICI Securities accepts no liabilities whatsoever for any loss or damage of any kind arising out of the use of this report. Past performance is not necessarily a guide to future performance. Investors are advised to see Risk Disclosure Document to understand the risks associated before investing in the securities markets. Actual results may differ materially from those set forth in projections. Forward-looking statements are not predictions and may be subject to change without notice.

ICICI Securities or its associates might have managed or co-managed public offering of securities for the subject company or might have been mandated by the subject company for any other assignment in the past twelve months.

ICICI Securities or its associates might have received any compensation from the companies mentioned in the report during the period preceding twelve months from the date of this report for services in respect of managing or co-managing public offerings, corporate finance, investment banking or merchant banking, brokerage services or other advisory service in a merger or specific transaction.

ICICI Securities or its associates might have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the companies mentioned in the report in the past twelve months.

ICICI Securities encourages independence in research report preparation and strives to minimize conflict in preparation of research report. ICICI Securities or its associates or its analysts did not receive any compensation or other benefits from the companies mentioned in the report or third party in connection with preparation of the research report. Accordingly, neither ICICI Securities nor Research Analysts and their relatives have any material conflict of interest at the time of publication of this report.

Compensation of our Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions.

ICICI Securities or its subsidiaries collectively or Research Analysts or their relatives do not own 1% or more of the equity securities of the Company mentioned in the report as of the last day of the month preceding the publication of the research report.

Since associates of ICICI Securities and ICICI Securities as an entity are engaged in various financial service businesses, they might have financial interests or actual/ beneficial ownership of one percent or more or other material conflict of interest in various companies including the subject company/companies mentioned in this report.

ICICI Securities may have issued other reports that are inconsistent with and reach different conclusion from the information presented in this report.

Neither the Research Analysts nor ICICI Securities have been engaged in market making activity for the companies mentioned in the report.

We submit that no material disciplinary action has been taken on ICICI Securities by any Regulatory Authority impacting Equity Research Analysis activities.

This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject ICICI Securities and affiliates to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction.

This report has not been prepared by ICICI Securities, Inc. However, ICICI Securities, Inc. has reviewed the report and, in so far as it includes current or historical information, it is believed to be reliable, although its accuracy and completeness cannot be guaranteed.

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors. None of the research recommendations promise or guarantee any assured, minimum or risk free return to the investors.

Name of the Compliance officer (Research Analyst): Mr. Atul Agrawal, Contact number: 022-40701000, **E-mail Address** : complianceofficer@icicisecurities.com

For any queries or grievances: [Mr. Prabodh Avadhoot](mailto:Mr.Prabodh.Avadhoot) Email address: headservicequality@icicidirect.com Contact Number: 18601231122
