

Graphic Packaging

Post 4Q: Moving the dialogue to "packaging" at I-Day

Reiterate Rating: BUY | PO: 31.00 USD | Price: 26.22 USD

Adj. EBITDA \$457mn vs. our \$425mn, Street at \$463.7mn

We reiterate our Buy rating on Graphic Packaging (GPK) given our view of relative catalysts and valuation across our coverage, and it remains one of our top picks. GPK reported 4Q23 op. EPS of \$0.75 vs. our \$0.62 and consensus \$0.69 (Visible Alpha) estimates. Adj. EBITDA of \$457mn was \$32mn ahead of our \$425mn estimate and compared with the Street at \$463.7mn. Overall, higher operating income added 1c to EPS relative to our model while other items added 3c. Revenues were about in line though net organic sales were down -5.6% y/y in the quarter. Ultimately, volume/mix was a -\$198mn impact on revenue y/y (-\$64mn on EBITDA) and this was partially offset by \$40mn of positive pricing as well as \$21mn from FX (\$5mn on EBITDA). Other factors impacting EBITDA y/y included a benefit of \$11mn from input cost deflation, \$90mn of favorable net performance, and a -\$38mn drag from labor, benefits, and other inflation. GPK announced that it will be selling its Augusta, GA bleached board mill to Clearwater (CLW; not covered) for \$700mn (or 7x EBITDA and ~\$1,330/ton based on capacity data from Fastmarkets RISI) and the company noted that it will continue to operate its bleached paperboard operations in Texarkana. We view this as a positive move. We update our estimates to reflect 4Q results and the company guidance at its Investor Day.

Moving the dialogue to "packaging"

Meantime, GPK had a very positive Investor Day, in our view. As is our normal approach, we dispense with the "sturm and drang" review as the session was well attended and webcast. GPK is one of the few companies that we cover that both (a) has regular Investor Days (I-Days), and (b) reviews its performance relative to its last set of goals. We think it should be rewarded for this approach. Clear in its narrative today is that, having achieved a 20% EBITDA margin and a 95% integration rate with Augusta's planned divestiture (and the achievement of many other, prior I-Day goals), Graphic is accelerating its move to being a true "consumer packaging" company with appropriate discussion points. In that vein, it is distancing itself from prior, "paper-commodity" price/cost, integration, tonnage, etc. topics.

We discuss additional points below including our PO move from \$30 to \$31...

Estimates (Dec) (US\$)	2022A	2023A	2024E	2025E	2026E
EPS	2.33	2.91	2.70	3.00	3.25
GAAP EPS	1.69	2.34	2.50	2.79	3.03
EPS Change (YoY)	104.4%	24.9%	-7.2%	11.1%	8.3%
DPS	0.30	0.40	0.40	0.40	0.40
Valuation (Dec)					
P/E	11.3x	9.0x	9.7x	8.7x	8.1x
GAAP P/E	15.5x	11.2x	10.5x	9.4x	8.7x
Dividend Yield	1.1%	1.5%	1.5%	1.5%	1.5%
EV / EBITDA*	8.4x	7.2x	7.2x	6.9x	6.7x
Free Cash Flow Yield*	6.7%	4.2%	5.7%	9.8%	12.3%
* For full definitions of <i>IO</i> method SM measures, see page 6.					

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Refer to important disclosures on page 7 to 9. Analyst Certification on page 5. Price
Objective Basis/Risk on page 5.

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Stock Data

Price 26.22 USD Price Objective 31.00 USD Date Established 21-Feb-2024 Investment Opinion B-1-7 52-Week Range 20.07 USD - 27.56 USD Mrkt Val (mn) / Shares Out 8,107 USD / 309.2 Free Float 98.9% Average Daily Value (mn) 75.35 USD BofA Ticker / Exchange GPK / NYS Bloomberg / Reuters GPK US / GPK.N ROE (2024E) 27.2% Net Dbt to Eqty (Dec-2023A) 187.3% ESGMeter™ High

ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating. ESGMeter is independent of BofA Global Research's equity investment rating, volatility risk rating, income rating, and price objective for that company. For full details, refer to "BofA ESGMeter Methodology".

iQprofile[™] Graphic Packaging

<i>iQ</i> method [™] – Bus Performance*					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Return on Capital Employed	9.0%	11.4%	9.9%	10.2%	10.3%
Return on Equity	35.7%	36.5%	27.2%	25.1%	23.0%
Operating Margin	11.2%	13.9%	12.9%	13.2%	13.5%
Free Cash Flow	541	340	463	796	1,001
<i>iQ</i> method [™] – Quality of Earnings*					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Cash Realization Ratio	1.5x	1.3x	1.7x	1.7x	1.6
Asset Replacement Ratio	1.0x	1.3x	1.6x	1.2x	0.9
Tax Rate	27.4%	22.5%	25.0%	25.0%	25.0%
Net Debt-to-Equity Ratio	237.3%	187.3%	149.4%	115.7%	84.5%
Interest Cover	5.4x	5.5x	5.5x	6.3x	6.9>
Income Statement Data (Dec)					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Sales	9,440	9.428	9,717	10.101	10,353
% Change	31.9%	-0.1%	3.1%	4.0%	2.5%
Gross Profit	2,383	2,738	2,915	3,030	3,106
% Change	52.8%	14.9%	6.5%	4.0%	2.5%
EBITDA	1,600	1,875	1,854	1,939	1,998
% Change	51.5%	17.2%	-1.1%	4.6%	3.0%
Net Interest & Other Income	(347)	(377)	(225)	(213)	(203
Net Income (Adjusted)	721	900	830	904	958
% Change	112.5%	24.7%	-7.7%	8.9%	5.9%
(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Net Income from Cont Operations (GAAP)	515	726	768	841	893
Depreciation & Amortization	553	621	600	600	600
Change in Working Capital	(218)	(308)	(50)	(75)	(100
Deferred Taxation Charge	131	22	106	130	148
Other Adjustments, Net	109	83	(11)	10	1(
Capital Expenditure	(549)	(804)	(950)	(710)	(550
Free Cash Flow	541	340	463	796	1,001
% Change	NM	-37.2%	36.3%	71.9%	25.7%
Share / Issue Repurchase	(46)	(76)	(100)	(180)	(180
Cost of Dividends Paid	0	0	0	0	(250
Change in Debt	(530)	109	(250)	(250)	(250
Balance Sheet Data (Dec)	20224	20224	20245	20255	2026
(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Cash & Equivalents	150	162	153	399	852
Trade Receivables	879	835	885	960	1,060
Other Current Assets	1,677	1,848	1,848	1,848	1,848
Property, Plant & Equipment Other Non-Current Assets	4,579	4,992	5,342	5,452	5,402
Total Assets	3,043	3,338	3,338	3,338 11,997	3,338
	10,328	11,175	11,566	•	12,500
Short-Term Debt	1 990	764	764	764	764
Other Current Liabilities	1,880 5,200	1,825 4,609	1,920 4,359	2,060 4,109	2,218 3,859
Long-Term Debt Other Non-Current Liabilities	5,200 1,045	1,195	4,359 1,195	1,195	
Total Liabilities					1,195
	8,178 2,150	8,393 2,782	8,238 3,328	8,128 3,868	8,036 4,464
Total Equity	·			·	
Total Equity & Liabilities * For full definitions of #Omethod™ measures, see page 6.	10,328	11,175	11,566	11,997	12,500

Company Sector

Paper Products

Company Description

GPK is a leading manufacturer of paperboard packaging products with \$9.4bn in revenues in 2022. It is the largest producer of folding cartons in North America (37%+ share) and has 1.45mn tons of coated unbleached kraft (CUK) production, 1.2mn tons of solid bleached sulfate (SBS) production and 1mn tons of coated recycled board (CRB) production. GPK derives roughly 90% of its sales from North America and the remainder from Europe.

Investment Rationale

We rate GPK at Buy as some of the negative news flow items we had been expecting are better absorbed in the market. Despite run-rate pricing negatives into '24, EBITDA looks to be only flat-to-slightly down v. '23's \$1.9bn midpoint. There is some remaining price risk, but increased vertical integration helps to lessen some of this, and product innovation and opportunities to reset contracts should also help. GPK has also seen some improvement in volume given customer promotional activity.

Stock Data

Average Daily Volume 2,882,105

Quarterly Earnings Estimates

	2023	2024
Q1	0.77A	0.64E
Q2	0.66A	0.63E
Q3	0.74A	0.73E
Q4	0.75A	0.70E

* For full definitions of \emph{iQ} method $^{\text{SM}}$ measures, see page 6.

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Not just "cereal boxes" and paperboard (continued)

Mills are now referred to as "paperboard manufacturing facilities". Additionally, Graphic effectively illustrated how it has transformed from being a center-of-store, "cereal box and 12-pack" carton company to having packaging platforms extending across the entirety of retail channels. A new approach to speaking to its results is illustrated on slide 63 of the I-Day deck, in which GPK breaks out its end-markets (Food, Beverage, Foodservice, etc.) and their revenue growth trends. With its aspiration of becoming more packaging-like in valuation (GPK trades at a 7.5x 2024 EBITDA multiple, our consumer packaging group trades at 10x) will come the responsibility to continue performing at a more predictable level versus commodity, paper/forest companies validating its key points from the Investor Day. In that regard, GPK is increasingly trying to distance itself from third-party benchmark pricing in its contracts to value-based pricing.

Lots and lots of cash flow

There were a number of other highlights from the presentation. First, GPK is increasingly confident that sustainability and company innovation should allow it to continue growing organic sales at 1-2%, attacking a (now larger) \$15bn addressable market, much of which is fueled by plastic replacement. Its consumer and sustainability insights, which were heightened through 2021's AR Packaging acquisition in Europe, help to drive Graphic's growth funnel. Second, that translates to GPK's Vision 2030 Financial Model with growth rates of (a) low-single digits in sales, (b) mid-single digits in EBITDA, (c) high-single digits in EPS, with (d) 5% normalized capex/sales and (e) ultimately ~\$2.5bn of free cash flow (FCF) between 2024-27 and ~\$5bn+ from 2024-30. Slide 69 of the I-Day deck illustrates its capital allocation priorities around (in order) reinvestment, dividend growth after 2025, deleveraging, repurchases and M&A. Third, while 1Q EBITDA will be off \$35-45mn versus last year because of open market paperboard sales and (our sense) the impact of recent benchmark pricing changes, the company feels very comfortable with its EBITDA guidance of \$1.75bn to \$1.95bn, partly as 1Q24 volume trends are flat off a +0.7% comparison last year. Lastly, one of the drivers of its confidence is in foodservice markets, which remain very strong (and belie the Fastmarkets RISI price cut from this weekend).

Model changes and other points

In consideration of the points discussed above, we raise our target P/E multiple to 15x (from 14x) and our target EV/EBITDA multiple to 8x (from 7.5x). Given this and our EPS changes, our PO moves to \$31 from \$30.

Exhibit 1: GPK Model Changes

GPK reported 4Q23 op. EPS of \$0.75 vs. BofAe at \$0.62 and the Street at \$0.69

Quarterly result:	\$0.75 vs. BofAe at \$0.62 and Consensus at \$0.69
Model changes:	
1Q24E	\$0.64 vs. \$0.69 (old)
2023A	\$2.91 vs. \$2.78 (old)
2024E	\$2.70 vs. \$2.75 (old)
2025E	\$3.00 vs. \$3.10 (old)
2026E	\$3.25
Price Objective	\$31 (was \$30)
Source: Company filings, BofA Global	Research estimates



Exhibit 2: GPK Relevant Operating Statistics Review of results vs. BofA estimates

	4Q22A	4Q23A	BofAe	Key Highlights
Segment Summary				
Paperboard Packaging				
Sales (\$mn)	\$2,386	\$2,249	\$2,250	Revenues were about in line with our model
Adj. EBITDA (\$mn)	\$413	\$457	\$425	and net organic sales were down -5.6% y/y in the quarter. Ultimately, volume/mix was a - \$198mn impact on revenue y/y (-\$64mn on EBITDA). Nonetheless, GPK put up strong
Adj. EBITDA margin	17.3%	20.3%	18.9%	margins.

Source: Company filings, BofA Global Research estimates



Price objective basis & risk

Graphic Packaging (GPK)

Our \$31 PO is based on the average of (a) an EV/EBITDA valuation calculated by applying a 8x EV/EBITDA multiple to our 2024 EBITDA estimate of \$1.8bn (our multiple is consistent with where comparable companies have traded), (b) a P/E valuation calculated by applying a 15x P/E multiple to our 2024 EPS estimate of \$2.75 (our multiple is consistent with where comparable companies have traded), (c) a free cash flow (FCF) valuation based on our estimate of \$676mn in FCF, a calculated cost of equity of 10% and forecast rate of growth of 2%.

Risks to our PO: (1) closing and integration risks associated with the acquisitions, (2) demand trends in food & bev and other GPK end markets, (3) potential volatility in fiber, energy, other input costs, (4) paper/board sector volatility & demand trends, including trade flow volatility created by exchange rates, (5) fundamental trends that could wind up being worse than expected, (6) should trends reverse in the policy outlook for the current Administration, that would present a source of volatility and risk for the shares, (7) various factors associated with its new CRB machine.

Also, industry & economic trends could prove weaker or stronger than modeled. Greater-than-expected weakness could lead to valuation multiples and earnings below our forecasts, even as better-than expected trends could lead to a higher relative multiple premium & stock price.

Analyst Certification

I, George L. Staphos, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

Special Disclosures

BofA Securities is currently acting as Financial Advisor to Graphic Packaging Holding Company in connection with its proposed sale of Augusta Paperboard Manufacturing Facility to Clearwater Paper Corporation, which was announced on 20 February 2024.

US - Paper and Packaging Coverage Cluster

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
BUY				
	AptarGroup Inc.	ATR	ATR US	George L. Staphos
	Berry Global	BERY	BERY US	George L. Staphos
	Brady Corp Cl A	BRC	BRC US	Cashen Keeler
	Crown Holdings Inc.	CCK	CCK US	George L. Staphos
	Graphic Packaging	GPK	GPK US	George L. Staphos
	O-I Glass Inc	OI	OLUS	George L. Staphos
	Pactiv Evergreen	PTVE	PTVE US	George L. Staphos
	Sealed Air Corp.	SEE	SEE US	George L. Staphos
	Silgan Holdings Inc.	SLGN	SLGN US	George L. Staphos
	Sonoco Products Co.	SON	SON US	George L. Staphos
	Sylvamo Corp.	SLVM	SLVM US	George L. Staphos
	WestRock	WRK	WRK US	George L. Staphos
	Weyerhaeuser Co.	WY	WY US	George L. Staphos
NEUTRAL				
	Ardagh Metal Packaging S.A.	AMBP	AMBP US	George L. Staphos
	Greif Inc.	GEF	GEF US	George L. Staphos
	Packaging Corp. of America	PKG	PKG US	George L. Staphos
	PotlatchDeltic Corp.	PCH	PCH US	George L. Staphos



US - Paper and Packaging Coverage Cluster

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
UNDERPERFORM				
	Amcor Plc	AMCCF	AMC AU	George L. Staphos
	Amcor PLC	AMCR	AMCR US	George L. Staphos
	Avery Dennison Corp.	AVY	AVY US	George L. Staphos
	Ball Corp.	BALL	BALL US	George L. Staphos
	Boise Cascade Company	BCC	BCC US	George L. Staphos
	International Paper Co.	IP	IP US	George L. Staphos
	Louisiana-Pacific Corp.	LPX	LPX US	George L. Staphos

IQmethodSM Measures Definitions

Business Performance	Numerator	Denominator
Return On Capital Employed	NOPAT = (EBIT + Interest Income) × (1 - Tax Rate) + Goodwill Amortization	Total Assets - Current Liabilities + ST Debt + Accumulated Goodwill
		Amortization
Return On Equity	Net Income	Shareholders' Equity
Operating Margin	Operating Profit	Sales
Earnings Growth	Expected 5 Year CAGR From Latest Actual	N/A
Free Cash Flow	Cash Flow From Operations — Total Capex	N/A
Quality of Earnings	Numerator	Denominator
Cash Realization Ratio	Cash Flow From Operations	Net Income
Asset Replacement Ratio	Capex	Depreciation
Tax Rate	Tax Charge	Pre-Tax Income
Net Debt-To-Equity Ratio	Net Debt = Total Debt — Cash & Equivalents	Total Equity
Interest Cover	EBIT	Interest Expense
Valuation Toolkit	Numerator	Denominator
Price / Earnings Ratio	Current Share Price	Diluted Earnings Per Share (Basis As Specified)
Price / Book Value	Current Share Price	Shareholders' Equity / Current Basic Shares
Dividend Yield	Annualised Declared Cash Dividend	Current Share Price
Free Cash Flow Yield	Cash Flow From Operations – Total Capex	Market Cap = Current Share Price × Current Basic Shares
Enterprise Value / Sales	EV = Current Share Price × Current Shares + Minority Equity + Net Debt +	Sales
•	Other LT Liabilities	
EV / EBITDA	Enterprise Value	Basic EBIT + Depreciation + Amortization

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flow statements for companies covered by BofA Global Research.

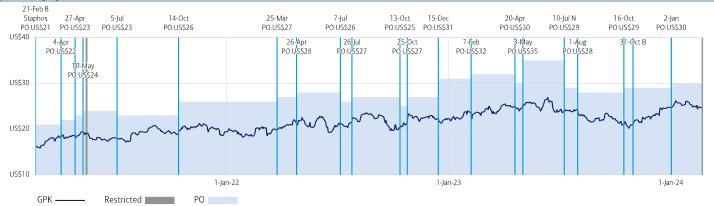
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Disclosures

Important Disclosures

GraphicPackaging (GPK) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

Equity Investment Rating Distribution: Paper/Forest Products Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	9	45.00%	Buy	8	88.89%
Hold	2	10.00%	Hold	1	50.00%
Sell	9	45.00%	Sell	5	55.56%

Equity Investment Rating Distribution: Global Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	1895	53.62%	Buy	1083	57.15%
Hold	832	23.54%	Hold	454	54.57%
Sell	807	22.84%	Sell	383	47.46%

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Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster^{R2}

Buy	≥ 10%	≤ 70%
Neutral	≥ 0%	≤ 30%
nderperform	N/A	≥ 20%

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