



Current market environment challenging, but with a good medium-term outlook

Increasing focus on small and medium-size M&A transactions

Market Dynamics and Current Marketenvironment

-14% y-o-y

- The S&P 500 Paper & Plastic Packaging Products & Materials index decreased 14.2% year-onyear (Aug '22-'23), reaching USD243.9
- The negative development of packaging industry in 2023 is mainly driven by weak demand, oversupply & overstocking, macroenvironmental factors (i.e. legal & regulatory requirements, inflation & energy prices, the conflict in Ukraine) as well as industry specific challenges (i.e. supply issues with aluminum foil).

Trends and Driver

Digital, Smart Packaging & Materials

- Digitization to integrate emerging technologies such as digital printing
- Smart packaging is enhancing user experience and product data. QR codes and near-field communication (NFC) technology among other technologies are allowing real-time tracking, product information dissemination, and freshness indication
- Advanced materials & sustainability

Recent News

M&A / VC

- Global packaging sector in H1 2023 witnessed deals worth EUR 4.8bn, a drop of 49% compared to H1 2022, whereas the total number of M&A transactions has only dropped by 9% over the same period
- Meaning the average transaction size has decrease from EUR 46.5mn to EUR 26.1mn (-44%) and shows that investors are currently focusing more on small and medium-sized transactions

Implications

Short-term challenging but midterm good

- Macro-environmental factors and industry specific challenges impacting the packaging industry in 2023 and beyond
- Despite the current challenges, medium-term growth is expected at a CAGR of 3.94% through 2028, according to Mordor Intelligence

- The Global Packaging Market size is expected to grow from USD 1.10 trillion in 2023 to USD 1.33 trillion by 2028, at a CAGR of 3.94% during the forecast period (2023-2028)
- The global packaging market has experienced consistent growth over the last decade due to substrate choice changes and expansion of new markets. Traditional packaging may continue to be replaced by flexible packaging, high-barrier films, and stand-up retort pouches may challenge rigid pack formats like metal tins and glass jars for a wide range of food products
- According to the Flexible Packaging Association, flexible packaging is still mainly used for food, which accounts for more than 60% of the total market
- The sustainability trends, including recycling and using bio-degradable forms of PET, are expected to rise over the next years
- The market is driven by the increased usage of environmentally friendly, recyclable, biodegradable, reusable materials in packaging. Paper packaging products, such as paper bags, pouches, and cartons, are the fastest-growing sustainable packaging materials
- Still active M&A market with globally around 800 transactions in the packaging sector in the last 3 years (H2/20-H1/23) with average EV/Sales multiple for M&A transactions of 1.2x and EV/EBITDA 8.4x



In an overview of selected indices, the DAX outperformed other benchmarks by realising a positive return of 19.1% over the past 12 months

General Market Update | August 2022 - August 2023

Equity Market Returns



Interest Rates	Rates	iterest	
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EURIBOR	3-Months	3.82%	6 Months	3.95%	12 Months	4.08%
German Gov. Bonds	2-Years	3.08%	5-Years	2.59%	10-Years	2.56%
Euro Swap Rate	2-Years	3.70%	5-Years	2.22%	10-Years	2.11%
Central Bank Rates	European Central Bank (ECB)	3.75%	Federal Reserve Rate (FED)	5.08%	Bank of England (BoE)	4.5%

Key Market Indicators

Global Energy Price	0
Energy Price Index for Germany	•
S&P 500 Containers & Packaging	0
Gross Domestic Profit (GDP)	
S&P 500 Metal, Glass & Plastic Containers	•
S&P 500 Paper & Plastic Packaging Products & Materials	0



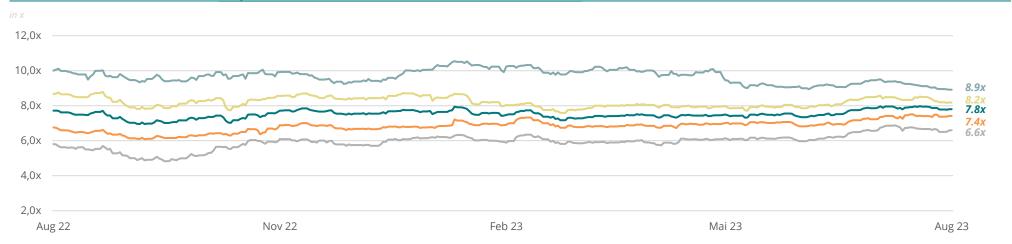
The ACF Packaging Index decreased on average by 33.5% over the LTM and are currently traded at a median EV/EBITDA multiple of 7.8x





Public Market Valuation Environment | NTM EV/EBITDAx

Nov 22



Feb 23

60%

40%

Aug 22

ACF Packaging Index¹

Mai 23

Flexible Packaging²

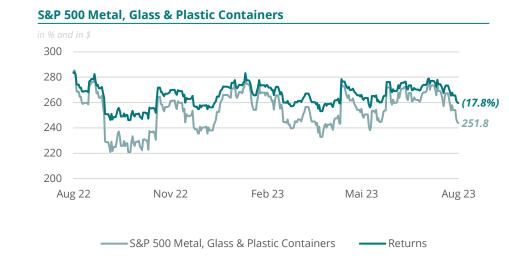
(38.0%)

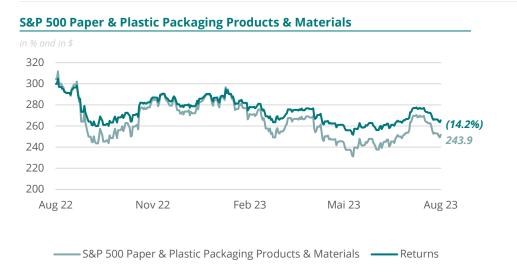
Aug 23

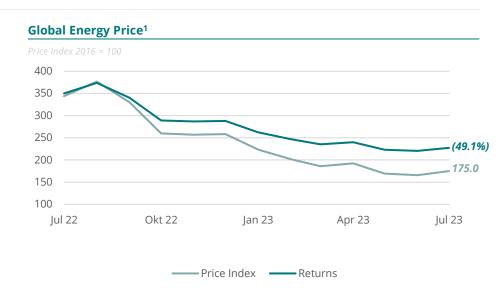
S&P 500 Container And Packaging Index fell by 16.7%, followed by a fall in the Metal, Glass & Plastic Index and the Paper & Plastic Index

Industry Market Update | August 2022 - August 2023







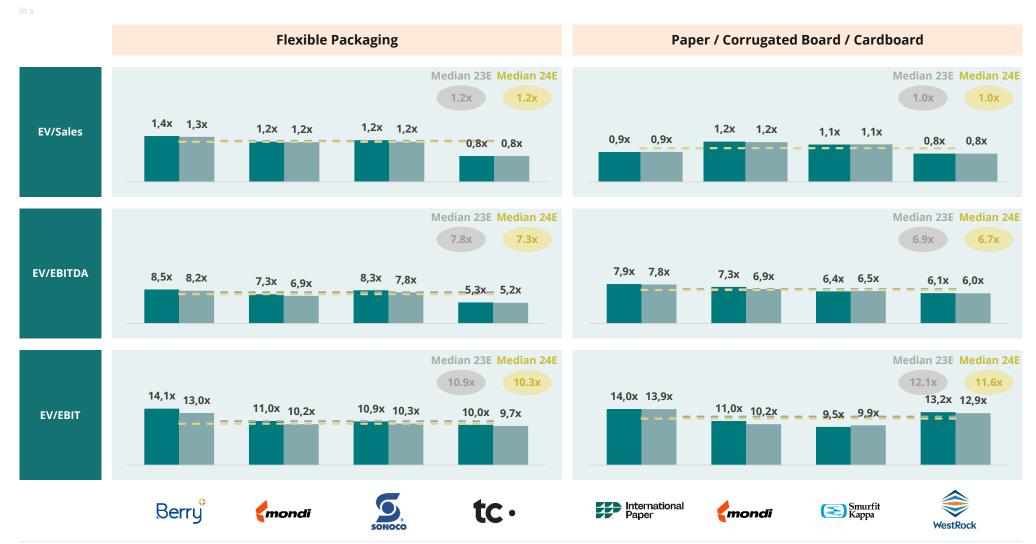


Listed peers in the Flexible Packaging and Paper / Corrugated Board / Cardboard sectors are expected to trade at a median EV/EBITDA of 7.8x and 6.9x in 2023E

Comparable Public Company Valuation (1/4)

Overview of Multiples of Listed Peers - Flexible Packaging and Paper / Corrugated Board / Cardboard

2023E 2024E



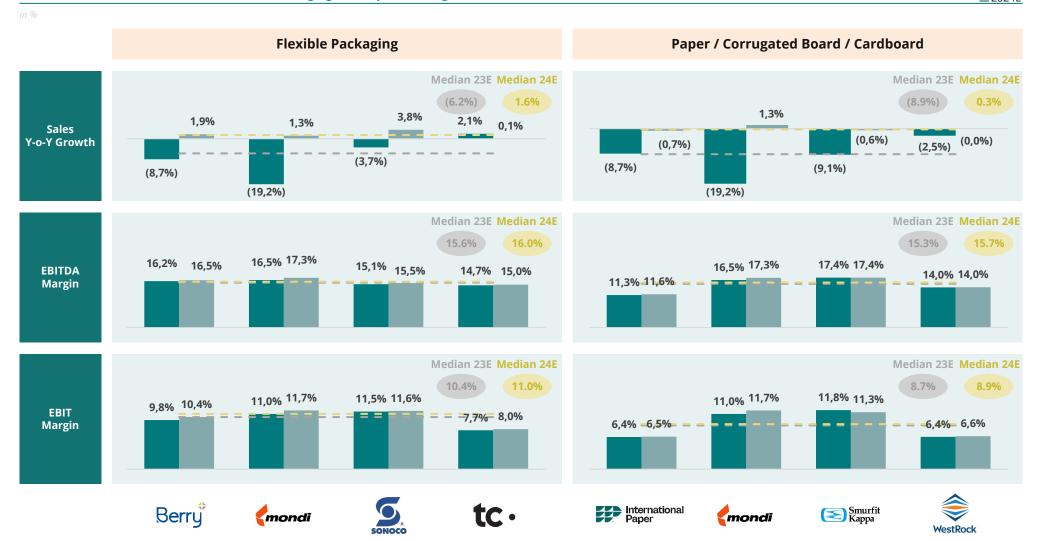
Α

Listed peers in the Flexible Packaging and Paper / Corrugated Board / Cardboard sectors are expected to trade at a median EBITDA margin of 15.6% and 15.3% in 2023E

Comparable Public Company Valuation (2/4)

Overview of KPIs of Listed Peers - Flexible Packaging and Paper / Corrugated Board / Cardboard

2023E 2024E



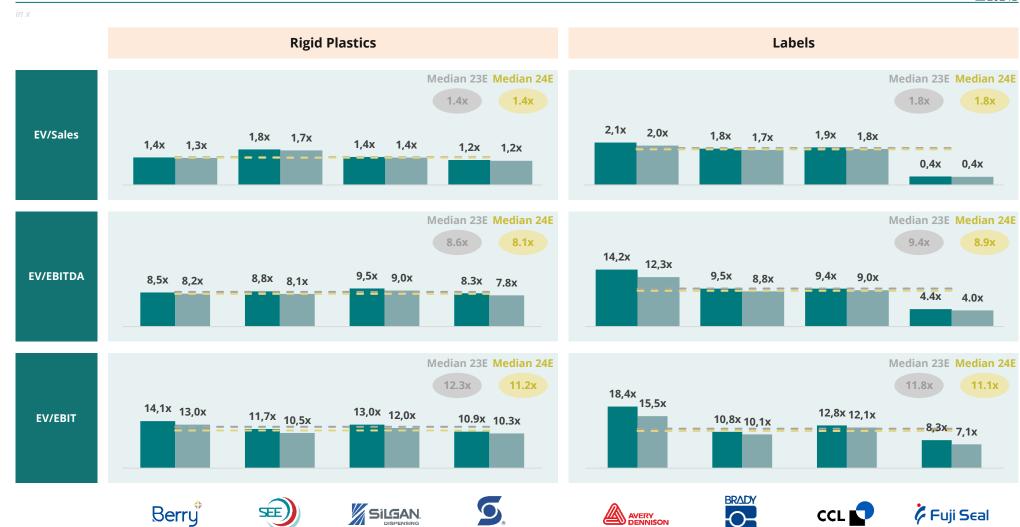
Α

Listed peers in the Rigid Plastics and Labels sectors are expected to trade at a median EV/EBITDA of 8.6x and 9.4x in 2023E

Comparable Public Company Valuation (3/4)

Overview of Multiples of Listed Peers - Rigid Plastics and Labels

2023E 2024E



Α

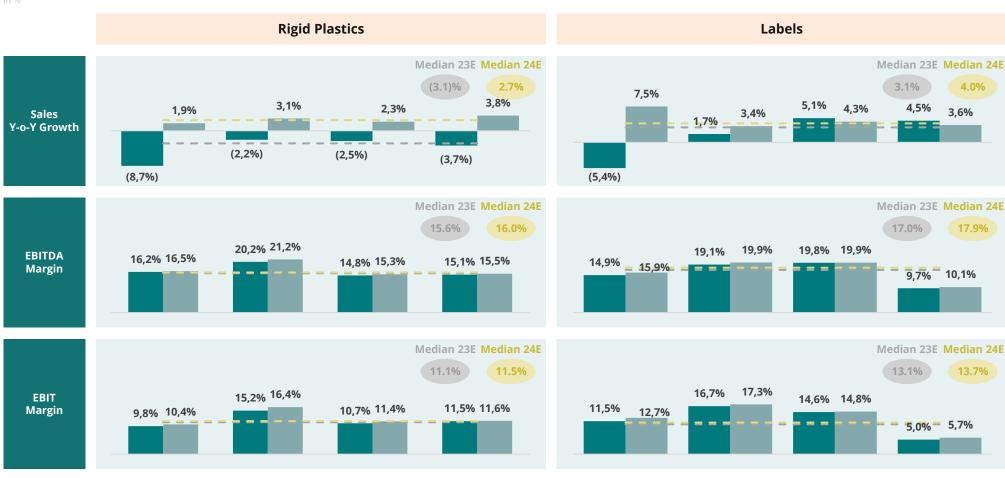
Listed peers in the Rigid Plastics and Labels sectors are expected to trade at a median EBITDA margin of 15.6% and 17.0% in 2023E

Comparable Public Company Valuation (4/4)

Overview of KPIs of Listed Peers - Rigid Plastics and Labels

2023E 2024E





SILGAN

Berry

Α

Fuji Seal

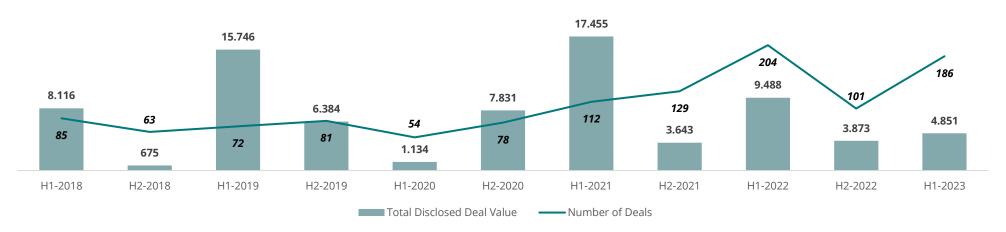


From 2018 to June 2023, 1,165 transactions took place in the European packaging market valued at a median EV/Sales multiple of 1.2x and EV/EBITDA multiple of 8.4x

Transaction Overview | January 2018 - June 2023

Overview of Disclosed Transaction Values and Number of Deals in Europe

n EUR m, in units



Overview of Multiples (LTM)

Key Performance Indicators	Unit
Total Transactions	#1165
Transaction with Disclosed Value	#225
Transaction with Multiples	#112
EV / Sales Median	1.2x
EV / EBITDA Median	8.4x

Selected Transaction Overview

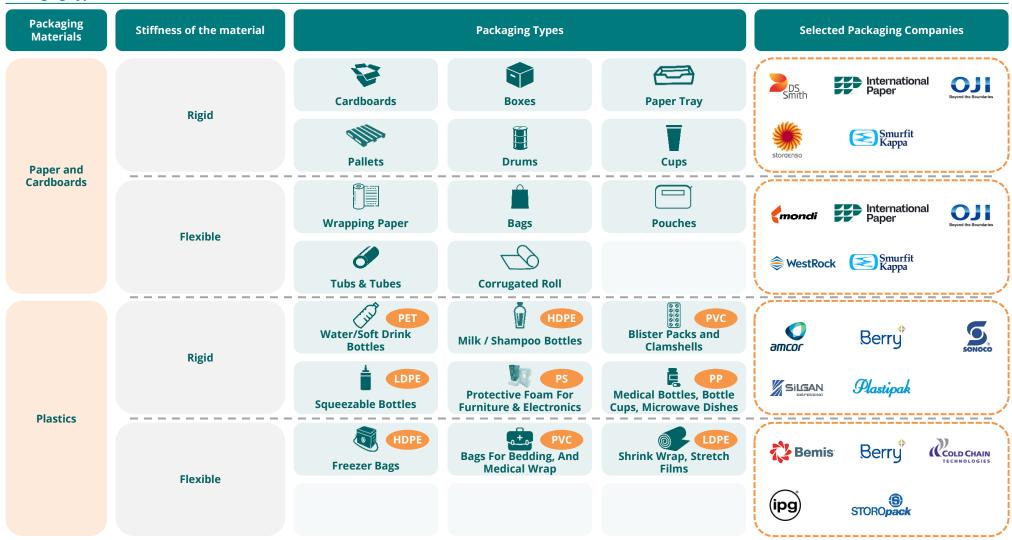
	Date	Target	Acquirer	Description	Details
Private Equity		Constantia	ONE ROCK	Manufacturer of various packaging materials for several industries	EV: 1,097m EV/Sales: n.a. EV/EBITDA: n.a.
	Mar-23	Suttons PRITORNAMICE PACKAGES	MACFARLANE GROUP	Manufacturer of various types of packaging and corrugated cases	EV: 10.2m EV/Sales: 1.2x EV/EBITDA: 8.2x
Private Equity		FINLOGIC LEASING A FEOSIS SELECTION	PM & PARTNERS	Manufacturer of labels and automatic identification solutions	EV: 92.1m EV/Sales: 1.6x EV/EBITDA: 11.0x
	May-21	Packaging for Life	Huhtamaki	Supplier of flexible packaging solutions for several industries	EV: 412m EV/Sales: 2.5x EV/EBITDA: n.a.
Private Equity	Eab 71	🗂 Logoplaste	ONTARIO TEACHERS' PENSION PLAN	Manufacturer of rigid plastic packaging for several industries	EV: 1,400m EV/Sales: 2.3x EV/EBITDA: 10.0x

Αl

Different types of packaging, both rigid and flexible, reflect the diversity of the global packaging industry, illustrated by a dynamic landscape of players

Overview Of The Packaging Market (1/2)

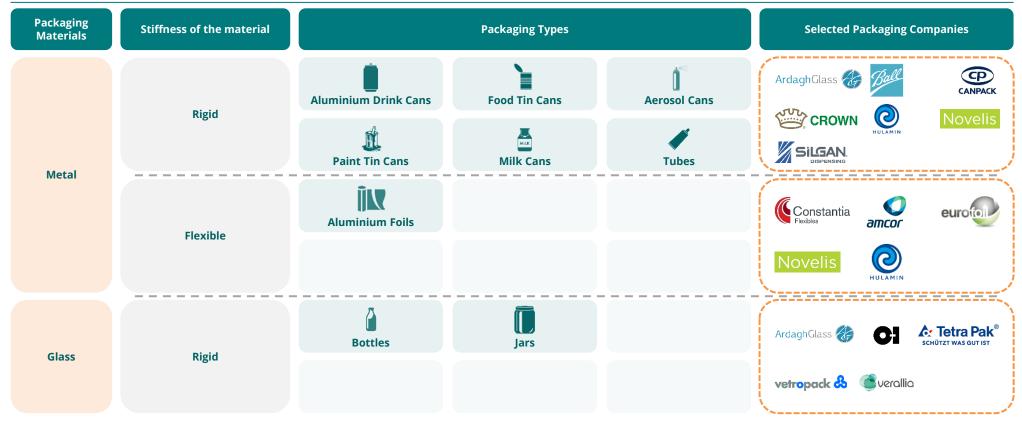
Packaging Types

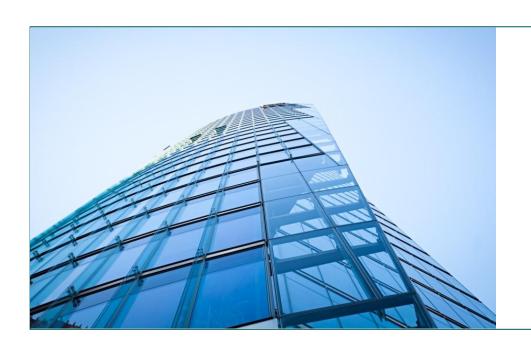


Different types of packaging, both rigid and flexible, reflect the diversity of the global packaging industry, illustrated by a dynamic landscape of players

Overview Of The Packaging Market (2/2)

Packaging Types





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