(CDAX, Technology, HNL GR)



Buy EUR 29.00	(EUR 30.00)	Value Indicators: DCF: FCF-Value Potential 25e:		Warburg ESG Risk Score: ESG Score (MSCI based): Balance Sheet Score: Market Liquidity Score:	1.4 3.0 0.8 0.5	Description: Leading supplier of specialty adhesives, UV/ IR radiation systems and UV specialty lamps		
		Market Snapshot:	EUR m	Shareholders:		Key Figures (WRe):	2022/23e	
		Market cap:	93.4	Freefloat	80.00 %	Beta:	1.3	
Price	EUR 15.40	No. of shares (m):	6.1	Peter Möhrle Holding	20.00 %	Price / Book:	1.2 x	
Upside	88.3 %	EV:	136.1	Teslin / Gerlin	5.80 %	Equity Ratio:	55 %	
		Freefloat MC:	74.7	Lazard	3.10 %			
		Ø Trad. Vol. (30d):	63.13 th					

Preliminary Q1 figures fall short of expectations on weak equipment demand

Figures Q1/20	23/24:			
Hönle - Q1 2024	prel.			
Figures in EUR m	Q1/24	Q1/24e	Q1/23	yoy
Sales	23.8	25.8	27.6	-13.8%
EBIT	-0.60.8	0.7	2.3	-
margin		2.7%	8.5%	

Hönle released preliminary Q1 results on Friday that were below the expectations.

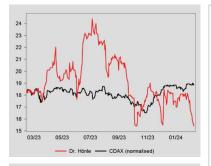
Revenues reached only EUR 23.8m in Q1, which marked a decline of -14% yoy and -10% qoq. We were expecting only a moderate decrease in comparison to the September quarter. Responsible for the weaker development was largely weak demand in the company's equipment business, which has relatively strong exposure to the printing industry. Customers such as Heidelberger Druck reported relatively weak order intake and recently introduced short-time work. According to Heidelberg, the weakness has been more pronounced in the EMEA region while development in other regions was more stable. A negative EBIT in a range of EUR -0.6m to EUR -0.8m reflects the low top-line level.

With the upcoming DRUPA fair (Q2 CY 2024), demand from printing customers should improve at a later stage in 2024. The management also pointed out that the company has already received some larger orders with shipment expected in H2 and it expects to gain further from existing and new clients which will support higher revenue levels in H2 FY 2024.

Hönle left its FY 2024 guidance unchanged, based on the expectation of a stronger H2. We are not expecting, however, that the company will be able to fully compensate for the shortfall in Q1. The estimates are hence reduced and revenues are now expected to be slightly below the midpoint and EBIT at the low end of the guidance range (sales EUR 105–115m; EBIT EUR 6–9m).

The PT is slightly revised to EUR 29 and the Buy rating kept unchanged owing to the valuation upside and significant room for improvement in the midterm with the changed management team (new CEO to take over on May 1).

Changes in Estimates:					Comment on Changes:
FY End: 30.9. in EUR m	2023/24e (old)	+/-	2024/25e (old)	+/-	development was weaker than forecast in H1
Sales EBIT	114.8 9.0	-4.8 % -33.5 %	124.8 13.9	-3.0 % -12.7 %	 EBIT estimated at low end of guidance range after weak Q1 result Return to 10% EBIT margin expected for FY 2024/25
EBIT adj.	9.0	-33.5 %	13.9	-12.7 %	

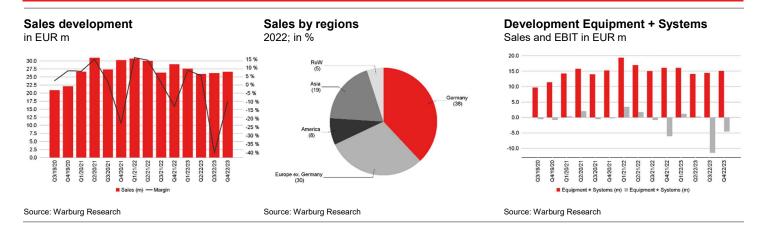


Rel. Performance vs CDAX:	
1 month:	-16.0 %
6 months:	-29.4 %
Year to date:	-12.1 %
Trailing 12 months:	-23.0 %
Company oventor	

Company events:	
26.02.24	Q1
20.03.24	AGM
08.05.24	Q2
07.08.24	Q3

FY End: 30.9. in EUR m	CAGR (22/23-24/25e)	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24e	2024/25e
Sales	6.7 %	107.7	93.9	115.2	116.1	106.3	109.3	121.0
Change Sales yoy		-14.8 %	-12.9 %	22.7 %	0.8 %	-8.4 %	2.8 %	10.7 %
Gross profit margin		67.6 %	64.5 %	60.2 %	54.6 %	50.2 %	62.9 %	64.0 %
EBITDA	585.5 %	20.3	14.7	13.8	12.1	0.4	12.6	18.7
EBIT	-	17.0	8.1	0.3	5.8	-9.4	6.0	12.1
EBIT adj.		17.0	8.1	7.8	11.7	7.1	6.0	12.1
Margin		15.8 %	8.6 %	6.8 %	10.1 %	6.6 %	5.5 %	10.0 %
Net income	-	12.5	5.8	-4.9	-13.4	-11.1	2.9	7.6
EPS	-	2.27	1.01	-0.81	-2.20	-1.84	0.48	1.25
EPS adj.	19.2 %	2.27	1.01	0.45	-1.23	0.88	0.48	1.25
DPS	-	0.80	0.50	0.20	0.00	0.00	0.15	0.30
Dividend Yield		1.5 %	1.1 %	0.4 %	n.a.	n.a.	1.0 %	1.9 %
FCFPS		-0.44	-4.00	-2.67	-3.31	0.03	1.32	0.89
FCF / Market cap		-0.8 %	-9.0 %	-5.3 %	-10.9 %	0.2 %	8.6 %	5.8 %
EV / Sales		n.a.	2.9 x	3.1 x	2.1 x	1.6 x	1.2 x	1.1 x
EV / EBITDA		n.a.	18.6 x	25.6 x	19.8 x	426.3 x	10.8 x	7.0 x
EV / EBIT		n.a.	33.7 x	n.a.	41.1 x	n.a.	22.7 x	10.8 x
P/E		23.8 x	43.8 x	n.a.	n.a.	n.a.	32.1 x	12.3 x
P / E adj.		23.8 x	43.8 x	111.1 x	n.a.	22.3 x	32.1 x	12.3 x
FCF Potential Yield	l	n.a.	3.6 %	1.9 %	-0.2 %	-2.3 %	6.1 %	9.5 %
Net Debt		9.8	20.9	50.1	56.3	50.7	42.7	38.2
ROCE (NOPAT)		13.3 %	4.9 %	1.4 %	2.3 %	n.a.	3.0 %	6.0 %
Guidance:	2024: Sales E	UR 105 - 11	5m; EBIT EU	IR 6-9m				



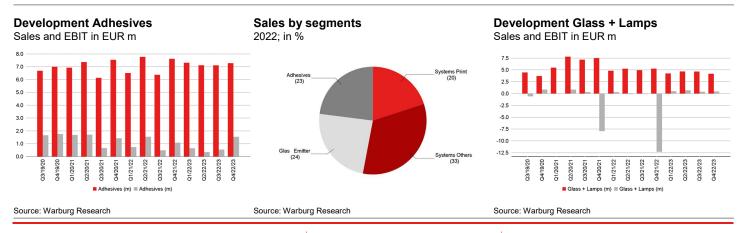


Company Background

- With sales of more than EUR 130m, Dr. Hönle is active in the areas of UV/IR Systems, specialty adhesives, quartz glass products and IR lamps. The company employs > 600 people.
- The company's activities were clearly expanded partly by acquisitions, which strengthened the core business as well as ancillary areas like (UV) adhesives or quartz glass.
- UV technology is used in a wide number of industrial applications. The most important areas of application are paint and lacquer drying, adhesives, and coating and laminating procedures.
- Meanwhile a good one-third of revenues are generated with specialty adhesives, which are predominantly used in the electronics industry.
- The customer structure is largely fragmented with the exception of a few larger customers. The top 5 customers account for roughly 20% of group sales.

Competitive Quality

- The competitive structure is characterised by a high number of smaller mainly regionally-active suppliers and just a handful of larger companies.
- Competitors of a comparable size normally serve only part of the market segments, resulting in a comparatively moderate competitive intensity within the individual segments.
- Established customer relationships present a significant barrier to market entry. UV components seldom account for more than 5-10% of the material costs, which lowers customers' motivation to switch supplier.
- With high vertical integration, Dr. Hönle generates a large part of the value creation in the company.
- This allows the company to achieve higher margins and higher cash flows. The strong competitive quality is expressed in an ROCE of >15%.



Dr. Hönle



DCF model														
	Detaile	d forecas	t period		Transitional period									Term. Value
Figures in EUR m	22/23	23/24e	24/25e	25/26e	26/27e	27/28e	28/29e	29/30e	30/31e	31/32e	32/33e	33/34e	34/35e	
Sales	106.3	109.3	121.0	131.3	139.2	147.6	156.4	164.2	172.4	181.1	188.3	195.8	203.7	
Sales change	-8.4 %	2.8 %	10.7 %	8.5 %	6.0 %	6.0 %	6.0 %	5.0 %	5.0 %	5.0 %	4.0 %	4.0 %	4.0 %	1.8 %
EBIT	-9.4	6.0	12.1	17.2	18.8	19.9	21.1	22.2	23.3	24.4	25.4	26.4	27.5	
EBIT-margin	-8.9 %	5.5 %	10.0 %	13.1 %	13.5 %	13.5 %	13.5 %	13.5 %	13.5 %	13.5 %	13.5 %	13.5 %	13.5 %	
Tax rate (EBT)	-2.5 %	29.0 %	29.0 %	29.0 %	29.5 %	29.5 %	29.5 %	29.5 %	29.5 %	29.5 %	29.5 %	29.5 %	29.5 %	
NOPAT	-9.7	4.3	8.6	12.2	13.2	14.0	14.9	15.6	16.4	17.2	17.9	18.6	19.4	
Depreciation	9.8	6.6	6.6	6.6	8.4	8.5	6.7	7.1	7.2	7.4	7.5	7.4	7.4	
in % of Sales	9.2 %	6.0 %	5.4 %	5.0 %	6.0 %	5.8 %	4.3 %	4.3 %	4.2 %	4.1 %	4.0 %	3.8 %	3.7 %	
Changes in provisions	-0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Change in Liquidity from														
- Working Capital	-11.7	-2.3	4.4	3.9	-0.1	1.4	1.4	2.5	2.6	2.8	2.3	2.4	2.5	
- Capex	2.9	5.3	5.8	5.8	5.7	5.8	5.9	5.9	6.2	6.5	6.8	7.0	8.9	
Capex in % of Sales	2.8 %	4.8 %	4.8 %	4.4 %	4.1 %	3.9 %	3.8 %	3.6 %	3.6 %	3.6 %	3.6 %	3.6 %	4.4 %	
- Other	0.0	0.0	-1.0	-1.0	-1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Free Cash Flow (WACC Model)	8.1	7.8	6.0	10.1	17.0	15.4	14.3	14.3	14.8	15.4	16.4	16.6	15.4	18
PV of FCF	0.0	7.9	5.6	8.7	13.5	11.4	9.8	9.1	8.7	8.4	8.2	7.7	6.6	113
share of PVs		9.79 %						40.01	1 %					50.19 %

Model parameter				Valuation (m)							
Derivation of WACC: Deriva		Derivation of Beta:		Present values 2034/35e	113						
				Terminal Value	113						
Debt ratio	26.00 %	Financial Strength	1.20	Financial liabilities	57						
Cost of debt (after tax)	2.6 %	Liquidity (share)	1.35	Pension liabilities	3						
Market return	8.25 %	Cyclicality	1.35	Hybrid capital	0						
Risk free rate	2.75 %	Transparency	1.30	Minority interest	1						
		Others	1.30	Market val. of investments	1						
				Liquidity	9	No. of shares (m)	6.1				
WACC	8.01 %	Beta	1.30	Equity Value	176	Value per share (EUR)	28.98				

Sens	itivity Va	lue per Sh	are (EUR)													
	Terminal Growth Delta EBIT-margin																
Beta	WACC	1.00 %	1.25 %	1.50 %	1.75 %	2.00 %	2.25 %	2.50 %	Beta	WACC	-1.5 pp	-1.0 pp	-0.5 pp	+0.0 pp	+0.5 pp	+1.0 pp	+1.5 pp
1.55	9.0 %	22.43	22.85	23.30	23.78	24.30	24.85	25.45	1.55	9.0 %	19.77	21.11	22.45	23.78	25.12	26.46	27.80
1.42	8.5 %	24.55	25.06	25.60	26.19	26.82	27.50	28.23	1.42	8.5 %	21.88	23.31	24.75	26.19	27.62	29.06	30.50
1.36	8.3 %	25.72	26.28	26.88	27.53	28.23	28.99	29.81	1.36	8.3 %	23.05	24.54	26.04	27.53	29.02	30.51	32.01
1.30	8.0 %	26.98	27.59	28.26	28.98	29.76	30.60	31.53	1.30	8.0 %	24.32	25.87	27.42	28.98	30.53	32.08	33.64
1.24	7.8 %	28.33	29.01	29.75	30.55	31.42	32.37	33.41	1.24	7.8 %	25.69	27.31	28.93	30.55	32.17	33.79	35.41
1.18	7.5 %	29.78	30.54	31.36	32.26	33.23	34.30	35.48	1.18	7.5 %	27.19	28.88	30.57	32.26	33.95	35.64	37.33
1.05	7.0 %	33.06	34.00	35.03	36.16	37.41	38.78	40.30	1.05	7.0 %	30.61	32.46	34.31	36.16	38.02	39.87	41.72

- Growth and mix improvements to drive return to higher profitability
- Disproportionately high growth of adhesive segment provides further upside potential
- Sustainable EBIT margin of 15% anticipated



Free Cash Flow Value Potential

Warburg Research's valuation tool "FCF Value Potential" reflects the ability of the company to generate sustainable free cash flows. It is based on the "FCF potential" - a FCF "ex growth" figure - which assumes unchanged working capital and pure maintenance capex. A value indication is derived via the perpetuity of a given year's "FCF potential" with consideration of the weighted costs of capital. The fluctuating value indications over time add a timing element to the DCF model (our preferred valuation tool).

in EUR m	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24e	2024/25e
Net Income before minorities	n.a.	5.7	-4.9	-13.2	-10.9	3.1	7.8
+ Depreciation + Amortisation	n.a.	6.6	13.5	6.3	9.8	6.6	6.6
- Net Interest Income	n.a.	-0.2	-1.0	-1.4	-1.6	-1.6	-1.2
- Maintenance Capex	n.a.	2.1	2.5	2.6	3.0	3.0	3.0
+ Other	n.a.	-0.4	-0.4	7.5	-1.3	0.0	0.0
= Free Cash Flow Potential	n.a.	10.0	6.6	-0.6	-3.8	8.3	12.5
FCF Potential Yield (on market EV)	n/a	3.6 %	1.9 %	-0.2 %	-2.3 %	6.1 %	9.5 %
WACC	8.01 %	8.01 %	8.01 %	8.01 %	8.01 %	8.01 %	8.01 %
= Enterprise Value (EV)	n.a.	273.1	353.1	239.9	169.7	136.1	131.5
= Fair Enterprise Value	n.a.	124.4	82.9	n.a.	n.a.	103.6	156.5
- Net Debt (Cash)	n.a.	47.5	47.5	47.5	47.5	39.5	35.0
- Pension Liabilities	n.a.	3.2	3.2	3.2	3.2	3.2	3.2
- Other	n.a.	0.0	0.0	0.0	0.0	0.0	0.0
 Market value of minorities 	n.a.	0.0	0.0	0.0	0.0	0.0	0.0
+ Market value of investments	n.a.	0.0	0.0	0.0	0.0	0.0	0.0
= Fair Market Capitalisation	n.a.	73.7	32.2	n.a.	n.a.	60.9	118.3
Number of shares, average	5.5	5.7	6.1	6.1	6.1	6.1	6.1
= Fair value per share (EUR)	n.a.	12.95	5.31	n.a.	n.a.	10.04	19.52
premium (-) / discount (+) in %						-34.8 %	26.8 %
Sensitivity Fair value per Share (EUR)							
11.01 %	n.a.	6.57	1.59	n.a.	n.a.	5.38	12.48
10.01 %	n.a.	8.06	2.58	n.a.	n.a.	6.63	14.36
9.01 %	n.a.	9.89	3.80	n.a.	n.a.	8.14	16.65
WACC 8.01 %		12.95	5.31	n.a.	n.a.	10.04	19.52
7.01 %		15.09	7.27	n.a.	n.a.	12.48	23.20
6.01 %		19.00	9.87	n.a.	n.a.	15.73	28.12
5.01 %	n.a.	24.46	13.51	n.a.	n.a.	20.27	34.99

[•] Rising value indication triggered by margin expansion

Dr. Hönle



Valuation							
	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24e	2024/25e
Price / Book	3.3 x	2.2 x	2.7 x	1.7 x	1.2 x	0.9 x	0.9 x
Book value per share ex intangibles	12.47	15.72	14.30	13.80	12.56	13.08	14.22
EV / Sales	n.a.	2.9 x	3.1 x	2.1 x	1.6 x	1.2 x	1.1 x
EV / EBITDA	n.a.	18.6 x	25.6 x	19.8 x	426.3 x	10.8 x	7.0 x
EV / EBIT	n.a.	33.7 x	n.a.	41.1 x	n.a.	22.7 x	10.8 x
EV / EBIT adj.*	n.a.	33.7 x	45.2 x	20.4 x	24.0 x	22.7 x	10.8 x
P/FCF	n.a.	n.a.	n.a.	n.a.	580.3 x	11.7 x	17.2 x
P/E	23.8 x	43.8 x	n.a.	n.a.	n.a.	32.1 x	12.3 x
P / E adj.*	23.8 x	43.8 x	111.1 x	n.a.	22.3 x	32.1 x	12.3 x
Dividend Yield	1.5 %	1.1 %	0.4 %	n.a.	n.a.	1.0 %	1.9 %
FCF Potential Yield (on market EV)	n.a.	3.6 %	1.9 %	-0.2 %	-2.3 %	6.1 %	9.5 %
*Adjustments made for: -							

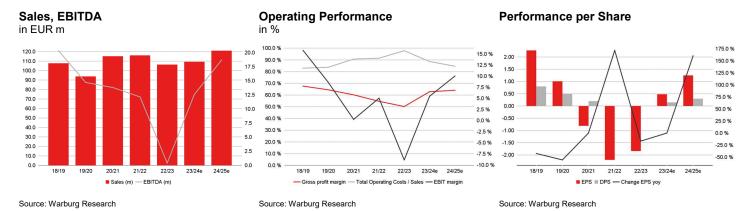
Company Specific Items							
	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24e	2024/25e
Adj. FCFPS	1.73	-0.66	-0.19	-0.83	2.51	3.79	3.37



Consolidated profit & loss							
In EUR m	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24e	2024/25
Sales	107.7	93.9	115.2	116.1	106.3	109.3	121.0
Change Sales yoy	-14.8 %	-12.9 %	22.7 %	0.8 %	-8.4 %	2.8 %	10.7 %
Increase / decrease in inventory	1.9	-0.6	3.1	1.7	-1.9	0.0	0.0
Own work capitalised	0.1	0.0	0.0	0.4	0.1	0.1	0.1
Total Sales	109.7	93.3	118.3	118.2	104.5	109.4	121.1
Material expenses	36.9	32.7	48.9	54.8	51.1	40.7	43.6
Gross profit	72.8	60.5	69.3	63.4	53.3	68.7	77.5
Gross profit margin	67.6 %	64.5 %	60.2 %	54.6 %	50.2 %	62.9 %	64.0 %
Personnel expenses	35.8	33.2	39.7	39.7	39.5	41.8	43.6
Other operating income	1.5	1.2	1.6	3.6	3.3	2.1	2.0
Other operating expenses	18.2	13.8	17.5	15.2	16.7	16.4	17.2
Unfrequent items	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBITDA	20.3	14.7	13.8	12.1	0.4	12.6	18.7
Margin	18.9 %	15.7 %	12.0 %	10.4 %	0.4 %	11.5 %	15.5 %
Depreciation of fixed assets	2.8	6.0	9.0	5.6	5.4	6.0	6.0
EBITA	17.6	8.7	4.8	6.6	-5.0	6.6	12.7
Amortisation of intangible assets	0.5	0.6	1.1	0.7	1.8	0.6	0.6
Goodwill amortisation	0.0	0.0	3.4	0.0	2.6	0.0	0.0
EBIT	17.0	8.1	0.3	5.8	-9.4	6.0	12.1
Margin	15.8 %	8.6 %	0.3 %	5.0 %	-8.9 %	5.5 %	10.0 %
EBIT adj.	17.0	8.1	7.8	11.7	7.1	6.0	12.1
Interest income	0.0	0.2	0.1	0.1	0.2	0.0	0.0
Interest expenses	0.2	0.5	1.1	1.5	1.8	1.6	1.2
Other financial income (loss)	0.0	0.1	0.0	0.0	0.1	0.0	0.0
EBT	16.9	7.9	-0.7	4.4	-11.0	4.4	10.9
Margin	15.7 %	8.5 %	-0.6 %	3.8 %	-10.3 %	4.0 %	9.0 %
Total taxes	4.5	2.2	4.3	1.6	0.3	1.3	3.2
Net income from continuing operations	12.4	5.7	-4.9	2.8	-11.3	3.1	7.8
Income from discontinued operations (net of tax)	0.0	0.0	0.0	-16.0	0.3	0.0	0.0
Net income before minorities	12.4	5.7	-4.9	-13.2	-10.9	3.1	7.8
Minority interest	-0.1	-0.1	0.0	0.2	0.2	0.2	0.2
Net income	12.5	5.8	-4.9	-13.4	-11.1	2.9	7.6
Margin	11.6 %	6.2 %	-4.2 %	-11.5 %	-10.5 %	2.7 %	6.2 %
Number of shares, average	5.5	5.7	6.1	6.1	6.1	6.1	6.1
EPS	2.27	1.01	-0.81	-2.20	-1.84	0.48	1.25
EPS diluted	2.27	0.95	-0.81	-2.20	-1.84	0.48	1.25
*Adjustments made for:							

Guidance: 2024: Sales EUR 105 - 115m; EBIT EUR 6-9m

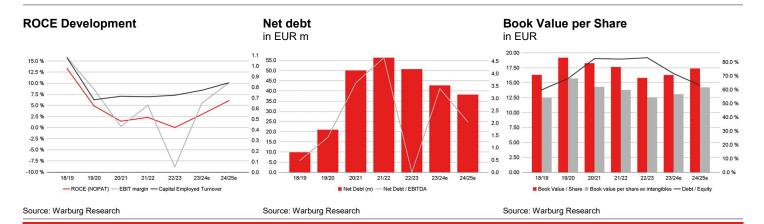
Financial Ratios							
	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24e	2024/25e
Total Operating Costs / Sales	82.9 %	83.7 %	90.7 %	91.4 %	97.9 %	88.6 %	84.6 %
Operating Leverage	3.0 x	4.1 x	-4.3 x	2395.4 x	n.a.	n.a.	9.5 x
EBITDA / Interest expenses	125.6 x	32.2 x	12.3 x	8.0 x	0.2 x	7.9 x	15.4 x
Tax rate (EBT)	26.5 %	28.2 %	-635.7 %	35.9 %	-2.5 %	29.0 %	29.0 %
Dividend Payout Ratio	35.5 %	49.9 %	n.m.	0.0 %	0.0 %	29.1 %	23.5 %
Sales per Employee	173,785	160,472	175,297	176,971	181,471	170,832	183,383





Consolidated balance sheet							
In EUR m	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24e	2024/25e
Assets							
Goodwill and other intangible assets	21.2	21.0	24.0	23.3	19.7	19.4	19.2
thereof other intangible assets	2.4	2.2	2.9	2.1	1.3	1.0	0.8
thereof Goodwill	18.8	18.8	21.1	21.1	18.4	18.4	18.4
Property, plant and equipment	42.2	76.8	87.8	79.6	75.1	74.1	73.6
Financial assets	1.2	1.1	1.1	1.1	1.0	1.0	1.0
Other long-term assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fixed assets	64.6	99.0	112.9	103.9	95.8	94.6	93.8
Inventories	35.9	35.2	46.7	46.4	35.0	31.2	34.6
Accounts receivable	17.0	14.3	17.1	19.7	15.6	17.4	19.2
Liquid assets	14.6	34.2	12.1	7.1	9.3	8.1	7.6
Other short-term assets	12.1	13.6	14.1	18.4	20.3	18.8	17.3
Current assets	79.5	97.2	90.0	91.6	80.3	75.5	78.8
Total Assets	144.1	196.2	202.9	195.5	176.2	170.1	172.6
Liabilities and shareholders' equity							
Subscribed capital	5.5	6.1	6.1	6.1	6.1	6.1	6.1
Capital reserve	16.6	42.0	42.0	42.0	42.0	42.0	42.0
Retained earnings	67.9	68.3	62.7	58.8	47.8	50.7	57.4
Other equity components	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Shareholders' equity	90.0	116.3	110.7	106.9	95.8	98.7	105.4
Minority interest	0.1	0.3	0.4	0.4	0.3	0.3	0.3
Total equity	90.1	116.7	111.1	107.2	96.1	99.1	105.7
Provisions	8.8	9.5	9.3	4.7	3.6	3.6	3.6
thereof provisions for pensions and similar obligations	8.3	8.8	8.6	4.0	3.2	3.2	3.2
Financial liabilities (total)	16.2	46.3	53.5	59.4	56.8	47.6	42.6
Short-term financial liabilities	1.7	3.5	3.9	26.4	12.4	0.0	0.0
Accounts payable	7.9	6.5	9.4	10.3	7.6	7.8	8.6
Other liabilities	21.2	17.3	19.5	13.8	12.1	12.1	12.1
Liabilities	54.0	79.5	91.8	88.2	80.0	71.1	66.9
Total liabilities and shareholders' equity	144.1	196.2	202.9	195.5	176.2	170.1	172.6

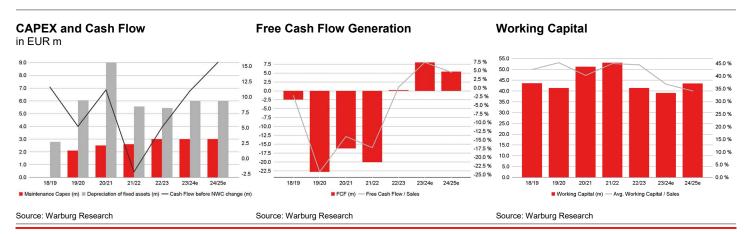
Financial Ratios							
	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24e	2024/25e
Efficiency of Capital Employment							
Operating Assets Turnover	1.3 x	0.8 x	0.8 x	0.9 x	0.9 x	1.0 x	1.0 x
Capital Employed Turnover	1.1 x	0.7 x	0.7 x	0.7 x	0.7 x	0.8 x	0.8 x
ROA	19.3 %	5.8 %	-4.3 %	-12.9 %	-11.6 %	3.1 %	8.1 %
Return on Capital							
ROCE (NOPAT)	13.3 %	4.9 %	1.4 %	2.3 %	n.a.	3.0 %	6.0 %
ROE	14.1 %	5.6 %	-4.3 %	-12.3 %	-11.0 %	3.0 %	7.4 %
Adj. ROE	14.1 %	5.6 %	2.4 %	-6.9 %	5.3 %	3.0 %	7.4 %
Balance sheet quality							
Net Debt	9.8	20.9	50.1	56.3	50.7	42.7	38.2
Net Financial Debt	1.6	12.1	41.5	52.3	47.5	39.5	35.0
Net Gearing	10.9 %	17.9 %	45.1 %	52.5 %	52.7 %	43.1 %	36.1 %
Net Fin. Debt / EBITDA	7.8 %	82.4 %	300.7 %	431.5 %	n.a.	314.1 %	187.0 %
Book Value / Share	16.3	19.2	18.3	17.6	15.8	16.3	17.4
Book value per share ex intangibles	12.5	15.7	14.3	13.8	12.6	13.1	14.2





Consolidated cash flow statement							
In EUR m	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24e	2024/25e
Net income	12.5	5.8	-4.9	-13.4	-11.1	2.9	7.6
Depreciation of fixed assets	2.8	6.0	9.0	5.6	5.4	6.0	6.0
Amortisation of goodwill	0.0	0.0	3.4	0.0	2.6	0.0	0.0
Amortisation of intangible assets	0.5	0.6	1.1	0.7	1.8	0.6	0.6
Increase/decrease in long-term provisions	0.0	0.3	0.4	-0.2	-0.8	0.0	0.0
Other non-cash income and expenses	-4.2	-7.5	2.1	5.1	7.2	1.5	1.5
Cash Flow before NWC change	11.6	5.2	11.2	-2.2	5.1	11.0	15.6
Increase / decrease in inventory	-2.4	0.6	-12.5	-11.6	-1.8	3.8	-3.4
Increase / decrease in accounts receivable	6.5	2.7	-1.3	-2.7	0.7	-1.8	-1.8
Increase / decrease in accounts payable	1.1	-1.2	3.6	8.0	-0.9	0.2	0.8
Increase / decrease in other working capital positions	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Increase / decrease in working capital (total)	5.2	2.2	-10.2	-13.5	-1.9	2.3	-4.4
Net cash provided by operating activities [1]	16.8	7.4	0.9	-15.7	3.1	13.3	11.2
Investments in intangible assets	-0.2	-0.3	-0.2	-0.1	-1.0	-0.3	-0.3
Investments in property, plant and equipment	-19.1	-35.1	-16.9	- 5.2	-4.1	-5.0	- 5.5
Payments for acquisitions	0.0	-0.2	-7.7	0.0	0.0	0.0	0.0
Financial investments	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Income from asset disposals	0.1	0.0	0.2	2.7	5.5	0.0	0.0
Net cash provided by investing activities [2]	-19.2	-30.4	-24.6	-1.7	2.6	-5.3	-5.8
Change in financial liabilities	9.1	21.9	4.3	4.9	-3.3	-9.2	-5.0
Dividends paid	-4.4	-4.4	-3.0	-1.2	-0.1	0.0	-0.9
Purchase of own shares	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital measures	0.0	25.7	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Net cash provided by financing activities [3]	4.7	43.3	1.2	3.7	-3.4	-9.2	-5.9
Change in liquid funds [1]+[2]+[3]	2.4	20.3	-22.5	-13.6	2.3	-1.2	-0.5
Effects of exchange-rate changes on cash	0.1	-0.1	0.0	0.4	-0.2	0.0	0.0
Cash and cash equivalent at end of period	14.5	34.7	11.7	-1.1	9.2	8.1	7.6

Financial Ratios							
	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24e	2024/25e
Cash Flow							
FCF	-2.4	-22.8	-16.2	-20.0	0.2	8.0	5.4
Free Cash Flow / Sales	-2.3 %	-24.2 %	-14.0 %	-17.3 %	0.2 %	7.3 %	4.5 %
Free Cash Flow Potential	n.a.	10.0	6.6	-0.6	-3.8	8.3	12.5
Free Cash Flow / Net Profit	-19.6 %	-393.9 %	331.2 %	150.0 %	-1.8 %	273.3 %	71.7 %
Interest Received / Avg. Cash	0.1 %	0.8 %	0.6 %	0.7 %	2.4 %	0.0 %	0.0 %
Interest Paid / Avg. Debt	1.4 %	1.5 %	2.2 %	2.7 %	3.1 %	3.1 %	2.7 %
Management of Funds							
Investment ratio	17.9 %	37.7 %	14.8 %	4.5 %	4.8 %	4.8 %	4.8 %
Maint. Capex / Sales	n.a.	2.2 %	2.2 %	2.2 %	2.8 %	2.7 %	2.5 %
Capex / Dep	581.5 %	535.7 %	126.5 %	83.8 %	51.8 %	80.7 %	88.3 %
Avg. Working Capital / Sales	42.6 %	45.3 %	40.2 %	44.9 %	44.4 %	36.8 %	34.1 %
Trade Debtors / Trade Creditors	215.9 %	219.7 %	180.9 %	191.0 %	206.6 %	223.1 %	223.3 %
Inventory Turnover	1.0 x	0.9 x	1.0 x	1.2 x	1.5 x	1.3 x	1.3 x
Receivables collection period (days)	58	55	54	62	54	58	58
Payables payment period (days)	78	72	70	69	54	70	72
Cash conversion cycle (Days)	321	358	309	284	238	253	261





LEGAL DISCLAIMER

This research report ("investment recommendation") was prepared by the Warburg Research GmbH, a fully owned subsidiary of the M.M.Warburg & CO (AG & Co.) KGaA and is passed on by the M.M.Warburg & CO (AG & Co.) KGaA. It is intended solely for the recipient and may not be passed on to another company without their prior consent, regardless of whether the company is part of the same corporation or not. It contains selected information and does not purport to be complete. The investment recommendation is based on publicly available information and data ("information") believed to be accurate and complete. Warburg Research GmbH neither examines the information for accuracy and completeness, nor guarantees its accuracy and completeness. Possible errors or incompleteness of the information do not constitute grounds for liability of M.M.Warburg & CO (AG & Co.) KGaA or Warburg Research GmbH for damages of any kind whatsoever, and M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH are not liable for indirect and/or direct and/or consequential damages. In particular, neither M.M.Warburg & CO (AG & Co.) KGaA nor Warburg Research GmbH are liable for the statements, plans or other details contained in these investment recommendations concerning the examined companies, their affiliated companies, strategies, economic situations, market and competitive situations, regulatory environment, etc. Although due care has been taken in compiling this investment recommendation, it cannot be excluded that it is incomplete or contains errors. M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH, their shareholders and employees are not liable for the accuracy and completeness of the statements, estimations and the conclusions derived from the information contained in this investment recommendation. Provided a investment recommendation is being transmitted in connection with an existing contractual relationship, i.e. financial advisory or similar services, the liability of M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH shall be restricted to gross negligence and wilful misconduct. In case of failure in essential tasks, M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH are liable for normal negligence. In any case, the liability of M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH is limited to typical, expectable damages. This investment recommendation does not constitute an offer or a solicitation of an offer for the purchase or sale of any security. Partners, directors or employees of M.M.Warburg & CO (AG & Co.) KGaA, Warburg Research GmbH or affiliated companies may serve in a position of responsibility, i.e. on the board of directors of companies mentioned in the report. Opinions expressed in this investment recommendation are subject to change without notice. The views expressed in this research report accurately reflect the research analyst's personal views about the subject securities and issuers. Unless otherwise specified in the research report, no part of the research analyst's compensation was, is, or will be directly or indirectly related to the specific recommendations or views contained in the research report. All rights reserved.

COPYRIGHT NOTICE

This work including all its parts is protected by copyright. Any use beyond the limits provided by copyright law without permission is prohibited and punishable. This applies, in particular, to reproductions, translations, microfilming, and storage and processing on electronic media of the entire content or parts thereof.

DISCLOSURE ACCORDING TO §85 OF THE GERMAN SECURITIES TRADING ACT (WPHG), MAR AND MIFID II INCL. COMMISSION DELEGATED REGULATION (EU) 2016/958 AND (EU) 2017/565

The valuation underlying the investment recommendation for the company analysed here is based on generally accepted and widely used methods of fundamental analysis, such as e.g. DCF Model, Free Cash Flow Value Potential, NAV, Peer Group Comparison or Sum of the Parts Model (see also http://www.mmwarburg.de/disclaimer/disclaimer.htm#Valuation). The result of this fundamental valuation is modified to take into consideration the analyst's assessment as regards the expected development of investor sentiment and its impact on the share price.

Independent of the applied valuation methods, there is the risk that the price target will not be met, for instance because of unforeseen changes in demand for the company's products, changes in management, technology, economic development, interest rate development, operating and/or material costs, competitive pressure, supervisory law, exchange rate, tax rate etc. For investments in foreign markets and instruments there are further risks, generally based on exchange rate changes or changes in political and social conditions.

This commentary reflects the opinion of the relevant author at the point in time of its compilation. A change in the fundamental factors underlying the valuation can mean that the valuation is subsequently no longer accurate. Whether, or in what time frame, an update of this commentary follows is not determined in advance.

Additional internal and organisational arrangements to prevent or to deal with conflicts of interest have been implemented. Among these are the spatial separation of Warburg Research GmbH from M.M.Warburg & CO (AG & Co.) KGaA and the creation of areas of confidentiality. This prevents the exchange of information, which could form the basis of conflicts of interest for Warburg Research GmbH in terms of the analysed issuers or their financial instruments.

The analysts of Warburg Research GmbH do not receive a gratuity – directly or indirectly – from the investment banking activities of M.M.Warburg & CO (AG & Co.) KGaA or of any company within the Warburg-Group.

All prices of financial instruments given in this investment recommendation are the closing prices on the last stock-market trading day before the publication date stated, unless another point in time is explicitly stated.

M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH are subject to the supervision of the Federal Financial Supervisory Authority, BaFin. M.M.Warburg & CO (AG & Co.) KGaA is additionally subject to the supervision of the European Central Bank (ECB).

SOURCES

All data and consensus estimates have been obtained from FactSet except where stated otherwise.

The Warburg ESG Risk Score is based on information © 2020 MSCI ESG Research LLC. Reproduced by permission. Although Warburg Research's information providers, including without limitation, MSCI ESG Research LLC and its affiliates (the "ESG Parties"), obtain information (the "Information") from sources they consider reliable, none of the ESG Parties warrants or guarantees the originality, accuracy and/or completeness, of any data herein and expressly disclaim all express or implied warranties, including those of merchantability and fitness for a particular purpose. The Information may only be used for your internal use, may not be reproduced or redisseminated in any form and may not be used as a basis for, or a component, of any financial instruments or products indices. Further, none of the Information can in and of itself be used to determine which securities to buy or sell or when to buy or sell them. None of the ESG Parties shall have any liability for any errors or omissions in connection with any data herein, or any liability for any direct, indirect, special, punitive, consequential or any other damage (including lost profits) even if notified of the possibility.

9



Additional information for clients in the United States

- 1. This research report (the "Report") is a product of Warburg Research GmbH, Germany, a fully owned subsidiary of M.M.Warburg & CO (AG & Co.) KGaA, Germany (in the following collectively "Warburg"). Warburg is the employer of the research analyst(s), who have prepared the Report. The research analyst(s) reside outside the United States and are not associated persons of any U.S. regulated broker-dealer and therefore are not subject to the supervision of any U.S. regulated broker-dealer.
- 2. The Report is provided in the United States for distribution solely to "major U.S. institutional investors" under Rule 15a-6 of the U.S. Securities Exchange Act of 1934 by CIC.
- 3. CIC (Crédit Industriel et Commercial) and M.M. Warburg & CO have concluded a Research Distribution Agreement that gives CIC Market Solutions exclusive distribution in France, the US and Canada of the Warburg Research GmbH research product.
- 4. The research reports are distributed in the United States of America by CIC ("CIC") pursuant to a SEC Rule 15a-6 agreement with CIC Market Solutions Inc ("CICI"), a U.S. registered broker-dealer and a related company of CIC, and are distributed solely to persons who qualify as "Major U.S. Institutional Investors" as defined in SEC Rule 15a-6 under the Securities Exchange Act of 1934.
- 5. Any person who is not a Major U.S. Institutional Investor must not rely on this communication. The delivery of this research report to any person in the United States of America is not a recommendation to effect any transactions in the securities discussed herein, or an endorsement of any opinion expressed herein.

Reference in accordance with section 85 of the German Securities Trading Act (WpHG) and Art. 20 MAR regarding possible conflicts of interest with companies analysed:

- -1- Warburg Research, or an affiliated company, or an employee of one of these companies responsible for the compilation of the research, hold a **share of more than 5%** of the equity capital of the analysed company.
- -2- Warburg Research, or an affiliated company, within the last twelve months participated in the **management of a consortium** for an issue in the course of a public offering of such financial instruments, which are, or the issuer of which is, the subject of the investment recommendation.
- Companies affiliated with Warburg Research **manage financial instruments**, which are, or the issuers of which are, subject of the investment recommendation, in a market based on the provision of buy or sell contracts.
- MMWB, Warburg Research, or an affiliated company, reached an agreement with the issuer to provide **investment banking and/or**investment services and the relevant agreement was in force in the last 12 months or there arose for this period, based on the relevant agreement, the obligation to provide or to receive a service or compensation provided that this disclosure does not result in the disclosure of confidential business information.
- -5- The company compiling the analysis or an affiliated company had reached an **agreement on the compilation of the investment recommendation** with the analysed company.
- -6a- Warburg Research, or an affiliated company, holds a **net long position of more than 0.5%** of the total issued share capital of the analysed company.
- -6b- Warburg Research, or an affiliated company, holds a **net short position of more than 0.5%** of the total issued share capital of the analysed company.
- -6c- The issuer holds shares of more than 5% of the total issued capital of Warburg Research or an affiliated company.
- -7- The company preparing the analysis as well as its affiliated companies and employees have **other important interests** in relation to the analysed company, such as, for example, the exercising of mandates at analysed companies.

This report has been made accessible to the company analysed.

Company	Disclosure	Link to the historical price targets and rating changes (last 12 months)
Dr. Hönle	3, 5	https://www.mmwarburg.com/disclaimer/disclaimer en/DE0005157101.htm



INVESTMENT RECOMMENDATION

Investment recommendation: expected direction of the share price development of the financial instrument up to the given <u>price target</u> in the opinion of the analyst who covers this financial instrument.

<u>"_"</u>	Rating suspended:	The available information currently does not permit an evaluation of the company.
-S-	Sell:	The price of the analysed financial instrument is expected to fall over the next 12 months.
-H-	Hold:	The price of the analysed financial instrument is expected to remain mostly flat over the next 12 months.
-B-	Buy:	The price of the analysed financial instrument is expected to rise over the next 12 months.

WARBURG RESEARCH GMBH -	ANALYSED RESEAR	CH UNIVERSE BY RATING

Rating	Number of stocks	% of Universe
Buy	150	71
Hold	48	23
Sell	7	3
Rating suspended	7	3
Total	212	100

WARBURG RESEARCH GMBH - ANALYSED RESEARCH UNIVERSE BY RATING ...

... taking into account only those companies which were provided with major investment services in the last twelve months.

Rating	Number of stocks	% of Universe
Buy	47	82
Hold	7	12
Sell	0	0
Rating suspended	3	5
Total	57	100

PRICE AND RATING HISTORY DR. HÖNLE AS OF 12.02.2024



Markings in the chart show rating changes by Warburg Research GmbH in the last 12 months. Every marking details the date and closing price on the day of the rating change.



EQUITIES			
Matthias Rode	+49 40 3282-2678		
Head of Equities	mrode@mmwarburg.com		
RESEARCH			
Michael Heider Head of Research	+49 40 309537-280 mheider@warburg-research.com	Hannes Müller Software, IT	+49 40 309537-255 hmueller@warburg-research.com
Henner Rüschmeier Head of Research	+49 40 309537-270 hrueschmeier@warburg-research.com	Andreas Pläsier Banks, Financial Services	+49 40 309537-246 aplaesier@warburg-research.com
Stefan Augustin	+49 40 309537-168	Malte Schaumann	+49 40 309537-170
Cap. Goods, Engineering	saugustin@warburg-research.com	Technology	mschaumann@warburg-research.com
Jan Bauer Renewables	+49 40 309537-155 jbauer@warburg-research.com	Oliver Schwarz Chemicals, Agriculture	+49 40 309537-250 oschwarz@warburg-research.com
Christian Cohrs	+49 40 309537-175	Simon Stippig	+49 40 309537-265
Industrials & Transportation	ccohrs@warburg-research.com	Real Estate, Telco	sstippig@warburg-research.com
Dr. Christian Ehmann BioTech, Life Science	+49 40 309537-167 cehmann@warburg-research.com	Marc-René Tonn Automobiles, Car Suppliers	+49 40 309537-259 mtonn@warburg-research.com
Felix Ellmann	+49 40 309537-120	Robert-Jan van der Horst	+49 40 309537-290
Software, IT	fellmann@warburg-research.com	Technology	rvanderhorst@warburg-research.com
Jörg Philipp Frey Retail, Consumer Goods	+49 40 309537-258 jfrey@warburg-research.com	Andreas Wolf Software, IT	+49 40 309537-140 awolf@warburg-research.com
Marius Fuhrberg Financial Services	+49 40 309537-185 mfuhrberg@warburg-research.com		
Fabio Hölscher Automobiles, Car Suppliers	+49 40 309537-240 fhoelscher@warburg-research.com		
Philipp Kaiser	+49 40 309537-260		
Real Estate, Construction	pkaiser@warburg-research.com		
Thilo Kleibauer Retail, Consumer Goods	+49 40 309537-257 tkleibauer@warburg-research.com		
INSTITUTIONAL EQU	ITY SALES		
Marc Niemann	+49 40 3282-2660	Rudolf Alexander Michaelis	+49 40 3282-2649
Head of Equity Sales, Germany Tim Beckmann	mniemann@mmwarburg.com +49 40 3282-2665	Germany Roman Alexander Niklas	rmichaelis@mmwarburg.com +49 69 5050-7412
United Kingdom	tbeckmann@mmwarburg.com	Switzerland	rniklas@mmwarburg.com
Lea Bogdanova United Kingdom, Ireland	+49 69 5050-7411 lbogdanova@mmwarburg.com		
Jens Buchmüller	+49 69 5050-7415	Antonia Möller	+49 69 5050-7417
Scandinavia, Austria	jbuchmueller@mmwarburg.com	Roadshow/Marketing	amoeller@mmwarburg.com
Matthias Fritsch	+49 40 3282-2696	Charlotte Wernicke Roadshow/Marketing	+49 40 3282-2669
United Kingdom Maximilian Martin	mfritsch@mmwarburg.com +49 69 5050-7413	Juliane Niemann	cwernicke@mmwarburg.com +49 40 3282-2694
Austria, Poland	mmartin@mmwarburg.com	Roadshow/Marketing	jniemann@mmwarburg.com
SALES TRADING		DESIGNATED SPONSOR	ING
Oliver Merckel	+49 40 3282-2634	Marcel Magiera	+49 40 3282-2662
Head of Sales Trading	omerckel@mmwarburg.com	Designated Sponsoring	mmagiera@mmwarburg.com
Rico Müller Sales Trading	+49 40 3282-2685 rmueller@mmwarburg.com	Sebastian Schulz Designated Sponsoring	+49 40 3282-2631 sschulz@mmwarburg.com
Bastian Quast	+49 40 3282-2701	Jörg Treptow	+49 40 3282-2658
Sales Trading	bquast@mmwarburg.com	Designated Sponsoring	jtreptow@mmwarburg.com
MACRO RESEARCH	40 /	B 01 1 (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	40
Carsten Klude Macro Research	+49 40 3282-2572 cklude@mmwarburg.com	Dr. Christian Jasperneite Investment Strategy	+49 40 3282-2439 cjasperneite@mmwarburg.com
Our research can be f	ound under:		
Warburg Research	research.mmwarburg.com/en/index.html	LSEG	www.lseg.com
Bloomberg	RESP MMWA GO	Capital IQ	www.capitaliq.com
FactSet	www.factset.com		
For access please conta	act:		
Andrea Schaper	+49 40 3282-2632	Kerstin Muthig	+49 40 3282-2703
Sales Assistance	aschaper@mmwarburg.com	Sales Assistance	kmuthig@mmwarburg.com