

Agenda

Introduction

Kyle Kelleher – Director, Investor Relations and Corporate FP&A

Opening Remarks & Business Update

Jugal Vijayvargiya - President and Chief Executive Officer

Financial Review

Shelly Chadwick – Vice President and Chief Financial Officer

Q&A

Question and Answer Session



Forward-looking Statements and Non-GAAP Financial Information

These slides contain (and the accompanying oral discussion will contain, where applicable) "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. These statements involve known and unknown risks, uncertainties and other factors that could cause our actual results to differ materially from the results expressed or implied by these statements as a result of a variety of factors. These factors include, in addition to those mentioned elsewhere herein: the global economy, including inflationary pressures, potential future recessionary conditions and the impact of tariffs and trade agreements; the impact of any U.S. Federal Government shutdowns or sequestrations; the condition of the markets which we serve, whether defined geographically or by segment; changes in product mix and the financial condition of customers; our success in developing and introducing new products and new product ramp-up rates; our success in passing through the costs of raw materials to customers or otherwise mitigating fluctuating prices for those materials, including the impact of fluctuating prices on inventory values; our success in identifying acquisition candidates and in acquiring and integrating such businesses; the impact of the results of acquisitions on our ability to fully achieve the strategic and financial objectives related to these acquisitions; our success in implementing our strategic plans and the timely and successful start-up and completion of any capital projects; other financial and economic factors, including the cost and availability of raw materials (both base and precious metals), physical inventory valuations, metal consignment fees, tax rates, exchange rates, interest rates, pension costs and required cash contributions and other employee benefit costs, energy costs, regulatory compliance costs, the cost and availability of insurance, credit availability, and the impact of the Company's stock price on the cost of incentive compensation plans; the uncertainties relat

The Company does not undertake and specifically declines any obligation to update or publicly release the results of any revisions to these forward-looking statements that may be made to reflect any future events or circumstances after the date of such statements or to reflect the occurrence of anticipated or unanticipated events.

To supplement our consolidated financial statements presented in accordance with GAAP, the Company considers certain financial measures that are not prepared in accordance with GAAP, including value-added sales (VA sales), adjusted earnings before interest and taxes depreciation and amortization (EBITDA), adjusted net income, adjusted earnings per diluted share and net debt (cash). The Company uses these non-GAAP financial measures, in addition to GAAP financial measures, to evaluate our operating and financial performance and to compare such performance to that of prior periods and to the performance of our competitors. Also, the Company uses these non-GAAP financial measures in making operational and financial decisions and in establishing operational goals. The Company also believes providing these non-GAAP financial measures to investors, as a supplement to GAAP financial measures, helps investors evaluate our operating and financial performance and trends in our business, consistent with how management evaluates such performance and trends. The Company also believes these non-GAAP financial measures may be useful to investors in companing its performance to the performance of other companies, although its non-GAAP financial measures are specific to the Company and the non-GAAP financial measures of other companies may not be calculated in the same manner.

It is not possible for the Company to identify the amount or significance of future adjustments associated with potential insurance and litigation claims, legacy environmental costs, acquisition and integration costs, certain income tax items, or other non-routine costs that the Company adjusts in the presentation of adjusted earnings guidance. These items are dependent on future events that are not reasonably estimable at this time. Accordingly, the Company is unable to reconcile without unreasonable effort the forecasted range of adjusted earnings guidance for the full year to a comparable GAAP range. However, items excluded from the Company's adjusted earnings guidance include the historical adjustments noted in slides 19 through 26 in the appendix.

For more information on Non-GAAP measures, please refer to the appendix.



Opening Remarks & Business Update

Jugal Vijayvargiya
President and Chief Executive Officer



Q2 2024 Highlights

Record Second Quarter VA Sales and Adjusted EPS Record Quarterly Adjusted EBITDA

Value-added (VA) sales of \$279.8 million, up 4% YoY

- Driven by strength in aerospace & defense, semiconductor and precision clad strip
 - Partially offset by weakness in industrial, automotive and energy

Record adjusted EBITDA of \$57.8 million or 20.7% of VA, up 4% YoY

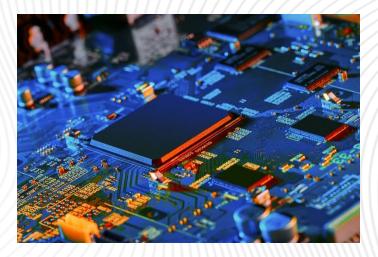
Led by higher volume, improving operational performance and strong cost management

Outperformed mid-term adjusted EBITDA margin target of 20%

Adjusted EPS of \$1.42, up 3% YoY and up ~50% sequentially

New business awards and customer partnerships strengthen organic pipeline

- Announcing Precision Clad Strip application is for PMI's IQOS ILUMA product
- Awarded \$150M, multi-year contract to supply critical materials for space propulsion systems







End Market Performance

			Q2 2024
Market	VA Sales	vs. Q2 2023	Q2 Comments
Semiconductor	\$65.9	6%	 Strength in advanced logic and memory devices, aligned with increasing AI applications Strongest quarter since Q1 '23
Consumer Electronics	\$67.1	33%	 Incorporating precision clad strip project into Consumer Electronics Increase due to precision clad strip and projection display growth
Aerospace & Defense	\$47.2	32%	 Thirteenth consecutive quarter of growth in Aerospace led by significant contribution from emerging Space market Sixth consecutive quarter of growth in Defense
Industrial	\$39.4	-22%	 Down 5% excluding beryllium-nickel spring material Remaining business experienced third consecutive quarter of improvement
Automotive	\$16.3	-16%	 Up 3% sequentially General market weakness and continued inventory correction
Energy	\$14.3	-27%	 Up 7% sequentially Lower rig count continues to impact demand in Oil & Gas Clean energy projects contributing, offsetting weakness in smart glass demand
Telecom & Data Center	\$7.2	-51%	 Significant inventory correction underway after several quarters of global growth in 5G Partially offset by continued strength in undersea cable

New Business Awards and Customer Partnerships

Aerospace & Defense

Awarded a new

\$150M

multiyear contract to supply critical materials for space propulsion systems Secured

~\$60M

in new defense orders

Leading A&D customer to invest

~\$10M

to expand Materion capacity and capabilities for future growth





Semiconductor

Received an "Overall Excellent Supplier"

award from a leading ALD customer



Precision Clad Strip

Announcing Precision Clad
Strip application is for Philip
Morris International's
IQOS ILUMA,
a smoke-free product
gaining popularity in Europe
and Japan





Key Takeaways

Delivered record quarterly earnings

- Record 2nd quarter VA Sales and adjusted EPS
- Record quarterly adjusted EBITDA
- Outperformed mid-term adjusted EBITDA margin target of 20%

Delivering on key strategic growth initiatives

- Announced significant new business awards and customer partnerships; positioning Materion for continued market outgrowth
- Announcing Precision Clad Strip application is for Philip Morris International's IQOS ILUMA product, a smoke-free product gaining popularity in Europe and Japan

Outlook for 2024

- Continued top line improvement expected in second half
- Expect to deliver adjusted EBITDA margin target of 20% in second half
- Continued significant focus on operational excellence; delivering on targeted cost improvement actions
- Adjusting the top end of the full year guidance to reflect softer end market conditions
- Strong emphasis on cash generation in the second half



Financial Review

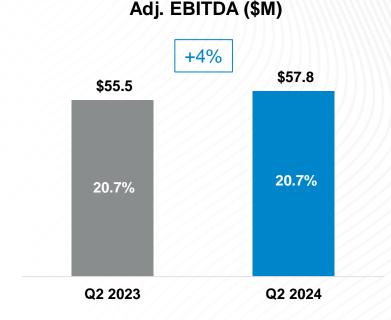
Shelly Chadwick
Vice President and Chief Financial Officer



Q2 2024 Operating Performance

Value-added Sales (\$M) \$268.3 +4% \$279.8

Q2 2024





Value-added sales were \$279.8 million, up 4% from prior year

- Driven by continued strength in aerospace and defense, consumer electronics (precision clad strip) and gradual improvement in semiconductor
- Slightly offset by weakness in the industrial, automotive and energy markets

Record adjusted EBITDA at \$57.8 million, margin of 20.7%, up 4% from prior year

- Outperformed mid-term adjusted EBITDA margin target of 20%
- Increase driven by higher volume, improving operational performance and strong cost management, partially offset by weaker price/mix

Adjusted EPS of \$1.42, up 3% from prior year

 Interest expense headwind of ~\$.05/share YoY

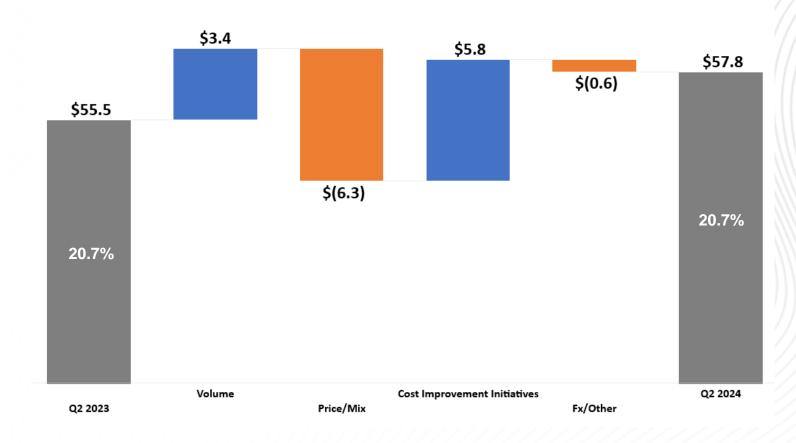


Q2 2023

Q2 2024 Financial Comparison

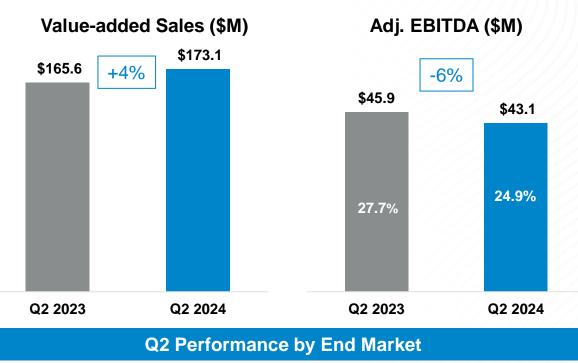
Record adjusted EBITDA of \$57.8 million, or 20.7% of VA Sales

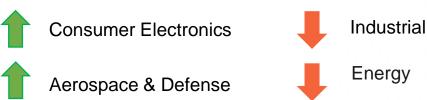
- Outperformed the mid-term adjusted EBITDA margin target of 20%
- Record adjusted EBITDA for any quarter
- Increase driven by higher volume, improving operational performance and targeted cost improvements, more than offsetting weaker price/mix
- Cost improvement initiatives include impact of lower incentive compensation
- Fx/Other includes lower production credit benefit





Performance Materials Segment







Value-added sales of \$173.1 million

- Increase due to strength in the aerospace and defense market and consumer electronics (precision clad strip)
- Partially offset by weakness in industrial, automotive and energy end markets

Adjusted EBITDA of \$43.1 million

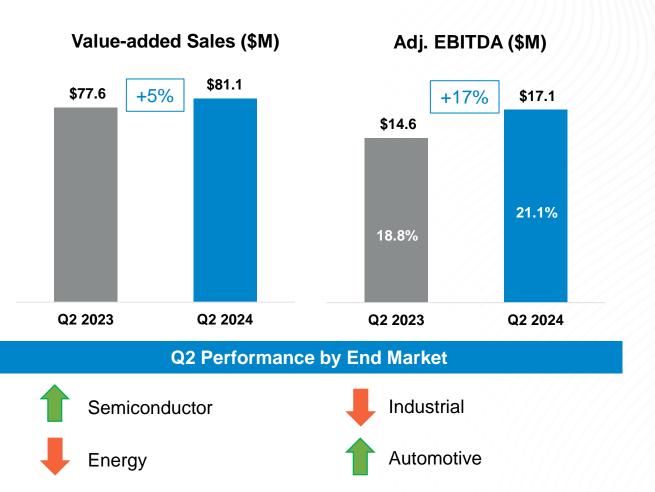
- Decrease largely driven by unfavorable price/mix, the impact of Q1 operational challenges and lower production credit benefit
- Partially offset by strong cost management

2024 Outlook:

- Continued strong demand in space & defense
- Slightly weaker market outlook across industrial and automotive
- Normalized output in 2H with operational challenges resolved



Electronic Materials Segment



Value-added sales of \$81.1 million

- Driven by semiconductor market improvement
- Energy and industrial markets remain challenged

Adjusted EBITDA of \$17.1 million

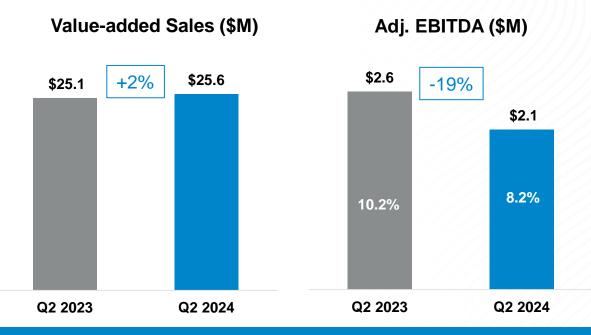
- Increase driven by higher volume and the impact of cost improvement initiatives
- Highest adjusted EBITDA margin profile in eight quarters
- Delivered 240 bps of margin expansion sequentially

2024 Outlook:

- Semiconductor market recovery slower than prior expectations
- Continued benefit from cost improvement initiatives



Precision Optics Segment



Q2 Performance by End Market



Life Sciences



Industrial



Aerospace & Defense



Consumer Electronics



Automotive

Value-added sales of \$25.6 million

- Driven by strength in aerospace, life sciences and consumer electronics
- Slightly offset by defense order timing

Adjusted EBITDA of \$2.1 million

- Operational performance and unfavorable mix driving YoY decrease
- Sequential improvement driven by higher volume and cost management

2024 Outlook:

- Expect continued improvement in margin performance
- Continue to drive targeted cost improvement initiatives



Cash, Debt and Liquidity

	00000	22 2224
(\$M)	Q2 2023	Q2 2024
Short-term Debt	\$27.5	\$38.8
Long-term Debt	\$412.7	\$446.0
Total Debt	\$440.2	\$484.8
Cash & Cash Equivalents	\$16.6	\$17.1
Net Debt (Cash)	\$423.6	\$467.7
TTM Adjusted EBITDA	\$213.3	\$211.8
Net Debt (Cash) / TTM Adj. EBITDA	2.0x	2.2x

Leverage at midpoint of target range of 1.5x – 3x Approximately \$106 million available on existing credit facility

Adequate liquidity remains to support growth initiatives

No share buyback activity in the quarter

Board authorization in place for up to \$50M worth of shares with \$8.3M remaining

Balanced capital allocation approach, prioritizing organic investment

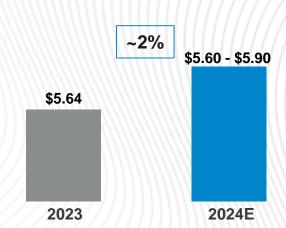
 Expect debt pay down in 2H, ending year at < 2.0X leverage



Full Year 2024 Guidance

2024 Guidance

- Updating full year adjusted EPS to \$5.60-\$5.90, an increase of 2% from 2023 at the midpoint
- Guidance revision lowers top end of the range to reflect softer end market conditions



Adj. EPS Guidance

2024 Modeling Assumptions			////////
Capital Expenditures	\$80M	Interest Expense	\$32M
Precision Clad Strip Plant – Phase Two	\$20M	Effective Tax Rate	16-17%
HCS-Electronic Materials	\$15M	Mine Development – New Pit Opening	\$11M
Normal Segment Capex	\$45M	Depreciation and Amortization	\$66M
		Acquisition Amortization	\$12M



Invest in Materion as We Advance Our Strategy



Becoming a global leader in high-performing advanced materials serving diverse and attractive markets well aligned with megatrends



Building robust pipeline with investments in R&D as we focus on developing innovative solutions for our customers



Leveraging strong cash flow and deploying a disciplined, strategic approach toward profitable growth opportunities, both organic and inorganic



Energized management team laser focused on execution and increasing value for all stakeholders



Appendix



Reconciliation for Value-added Sales

		Second Qua	arter E	nded
(Millions)	June	28, 2024	Ju	ne 30, 2023
Net Sales				
Performance Materials	\$	187.5	\$	182.8
Electronic Materials		212.7		190.7
Precision Optics		25.7		25.1
Other		_		_
Total	\$	425.9	\$	398.6
Less: Pass-through Metal Cost				
Performance Materials	\$	14.4	\$	17.2
Electronic Materials		131.6		113.1
Precision Optics		0.1		_
Other		_		_
Total	\$	146.1	\$	130.3
Value-added Sales (non-GAAP)				
Performance Materials	\$	173.1	\$	165.6
Electronic Materials		81.1		77.6
Precision Optics		25.6		25.1
Other		_		_
Total	\$	279.8	\$	268.3



Reconciliation for Non-GAAP Measures

		Second Qua	rter Er	ıded
(Millions)	June 2	28, 2024	Jun	e 30, 2023
Operating Profit				
Performance Materials	S	31.9	\$	36.5
Electronic Materials		8.9		9.1
Precision Optics		(1.4)		(1.5)
Other		(7.3)		(8.7)
Total	\$	32.1	\$	35.4
Non-Operating (Income)/Expense				
Performance Materials	\$	0.2	\$	0.1
Electronic Materials		_		_
Precision Optics		(0.2)		(0.2)
Other		(0.6)		(0.6)
Total	\$	(0.6)	\$	(0.7)
Depreciation, Depletion, and Amortization				
Performance Materials	S	8.7	\$	8.5
Electronic Materials		4.5		4.3
Precision Optics		2.8		3.0
Other		0.5		0.5
Total	s	16.5	\$	16.3
Segment EBITDA				
Performance Materials	\$	40.4	\$	44.9
Electronic Materials		13.4		13.4
Precision Optics		1.6		1.7
Other		(6.2)		(7.6)
Total	s	49.2	\$	52.4



Special Items ⁽²⁾		
Performance Materials	\$ 2.7	\$ 1.0
Electronic Materials	3.7	1.2
Precision Optics	0.5	0.9
Other	 1.7	
Total	\$ 8.6	\$ 3.1
Adjusted EBITDA Excluding Special Items		
Performance Materials	\$ 43.1	\$ 45.9
Electronic Materials	17.1	14.6
Precision Optics	2.1	2.6
Other	(4.5)	(7.6)
Total	\$ 57.8	\$ 55.5



			Second Qua	ırteı	r Ended	
(Millions)	J	une 28, 2024	% of VA		June 30, 2023	% of VA
Net sales	\$	425.9		\$	398.6	
Pass-through metal cost		146.1			130.3	
Value-added sales	\$	279.8		\$	268.3	
Net income	\$	19.0	6.8 %	\$	24.1	9.0 %
Income tax expense		4.9	1.8 %		4.3	1.6 %
Interest expense - net		8.8	3.1 %		7.7	2.8 %
Depreciation, depletion and amortization		16.5	5.9 %		16.3	6.1 %
Consolidated EBITDA	\$	49.2	17.6 %	\$	52.4	19.5 %
Special items						
Restructuring and cost reduction(1)	\$	6.7	2.4 %	\$	3.1	1.2 %
Additional start up resources and scrap ⁽²⁾		1.2	0.4 %		_	— %
Merger, acquisition and divestiture related						
costš ⁽³⁾	_	0.7	0.3 %	_		<u> </u>
Total special items		8.6	3.1 %		3.1	1.2 %
Adjusted EBITDA	\$	57.8	20.7 %	\$	55.5	20.7 %



P	er	f(01	m	a	n	ce	M	a	te:	ri	a	S	

		Second Quarter Ended									
(Millions)		une 28, 2024	% of VA	June 30, 2023		% of VA					
Net sales	\$	187.5		S	182.8						
Pass-through metal cost		14.4			17.2						
Value-added sales	\$	173.1		\$	165.6						
EBITDA	\$	40.4	23.3 %	\$	44.9	27.1 %					
Restructuring and cost reduction		1.5	0.9 %		1.0	0.6 %					
Additional start up resources and scrap		1.2	0.7 %			_ %					
Adjusted EBITDA	\$	43.1	24.9 %	\$	45.9	27.7 %					

Electronic Materials

	Second Quarter Ended					
(Millions)		ine 28, 2024	% of VA	June 30, 2023		% of VA
Net sales	\$	212.7		\$	190.7	
Pass-through metal cost		131.6			113.1	
Value-added sales	\$	81.1		S	77.6	
EBITDA	\$	13.4	16.5 %	\$	13.4	17.3 %
Restructuring and cost reduction		3.7	4.6 %		1.2	1.5 %
Adjusted EBITDA	\$	17.1	21.1 %	\$	14.6	18.8 %

Precision Optics								
	Second Quarter Ended							
(Millions)		ine 28, 2024	% of VA		me 30, 2023	% of VA		
Net sales	\$	25.7		S	25.1			
Pass-through metal cost		0.1			_			
Value-added sales	\$	25.6		\$	25.1			
EBITDA	\$	1.6	6.3 %	\$	1.7	6.8 %		
Restructuring and cost reduction		0.5	2.0 %		0.9	3.6 %		
Adjusted EBITDA	\$	2.1	8.2 %	S	2.6	10.4 %		
Other								
			Second Qua	rter l	Ended			
(Millions)		ne 28, 2024	% of VA		me 30, 2023	% of VA		
EBITDA	\$	(6.2)		\$	(7.6)			
Restructuring and cost reduction		1.0			_			
Merger, acquisition and divestiture related costs		0.7			_			
Adjusted EBITDA	\$	(4.5)		S	(7.6)			



	Second Quarter Ended								
(Millions)		me 28, 2024	Diluted EPS		une 30, 2023	Diluted EPS	l		
Net income and EPS	\$	19.0	\$ 0.91	\$	24.1	\$ 1.15	,		
Special items									
Restructuring and cost reduction	S	6.7		\$	3.1				
Additional start up resources and scrap		1.2			_				
Merger, acquisition and divestiture related costs		0.7			_				
Provision for income taxes ⁽¹⁾		(0.3)			(0.8)				
Total special items		8.3	0.40		2.3	0.12	2		
Adjusted net income and adjusted EPS	\$	27.3	\$ 1.31	\$	26.4	\$ 1.27	7		
Acquisition amortization (net of tax)		2.4	0.11		2.5	0.11	l		
Adjusted net income and adjusted EPS excl. amortization	s	29.7	\$ 1.42	\$	28.9	\$ 1.38	3		



(\$ in millions)	Q2 2	.024	Q2 2	023	Q2 202	4 TTM	Q2 202	з ттм
GAAP as Reported								
Net income	\$	19.0	\$	24.1	\$	78.5	\$	98.4
Income tax expense (benefit)		4.9		4.3		9.3		17.9
Interest expense		8.8		7.7		33.3		28.6
Depreciation, depletion, and amortization		16.5		16.3		62.8		58.8
Consolidated EBITDA	\$	49.2	\$	52.4	\$	183.9	\$	203.7
Special Items								
Restructuring and cost reduction	\$	6.7	\$	3.1	\$	16.4	\$	4.1
Merger, acquisition and divestiture related costs		0.7		<u> </u>		0.7		1.9
Pension settlement		/// / //		<u> </u>		0.2		(0.5)
Additional start-up resources and scrap		1.2		<u> </u>		10.5		4.1
Total Special Items		8.6		3.1		27.9		9.6
Adjusted EBITDA	\$	57.8	\$	55.5	\$	211.8	\$	213.3



Value-Added (VA) Sales - As Reported												
		Q1 2024	Q4 2023		Q3 2023		Q2 2023		Q1 2023		FY 2023	
Semiconductor	\$	64.0	\$	64.4	\$	59.7	\$	61.9	\$	85.5	\$	271.6
Aerospace and Defense	\$	46.6	\$	58.1	\$	35.9	\$	35.8	\$	33.1	\$	162.9
Industrial	\$	36.7	\$	45.3	\$	42.2	\$	50.4	\$	52.6	\$	190.5
Automotive	\$	15.8	\$	16.7	\$	18.2	\$	19.3	\$	23.4	\$	77.6
Energy	\$	13.3	\$	17.5	\$	19.6	\$	19.5	\$	20.7	\$	77.3
Consumer Electronics	\$	12.8	\$	15.6	\$	13.6	\$	12.1	\$	11.1	\$	52.4
Telecom & Data Center	\$	11.0	\$	11.1	\$	13.3	\$	14.5	\$	14.2	\$	53.1
Other	\$	57.6	\$	60.9	\$	68.0	\$	54.7	\$	58.0	\$	241.7
Total:	\$	257.8	\$	289.7	\$	270.5	\$	268.3	\$	298.6	\$	1,127.1

Value-Added (VA) Sales - Reclassified												
	C	1 2024	Q4 2023		Q3 2023		Q2 2023		Q1 2023		FY 2023	
Semiconductor	\$	64.0	\$	64.4	\$	59.7	\$	61.9	\$	85.5	\$	271.6
Aerospace and Defense	\$	46.6	\$	58.1	\$	35.9	\$	35.8	\$	33.1	\$	162.9
Industrial	\$	36.7	\$	45.3	\$	42.2	\$	50.4	\$	52.6	\$	190.5
Automotive	\$	15.8	\$	16.7	\$	18.2	\$	19.3	\$	23.4	\$	77.6
Energy	\$	13.3	\$	17.5	\$	19.6	\$	19.5	\$	20.7	\$	77.3
Consumer Electronics	\$	57.0	\$	62.0	\$	63.1	\$	50.6	\$	57.5	\$	233.1
Telecom & Data Center	\$	11.0	\$	11.1	\$	13.3	\$	14.5	\$	14.2	\$	53.1
Other	\$	13.4	\$	14.6	\$	18.5	\$	16.2	\$	11.6	\$	60.9
Total:	\$	257.8	\$	289.7	\$	270.5	\$	268.3	\$	298.6	\$	1,127.1



Materion enables what's next™

Materion Corporation +1 216.486.4200 http://www.materion.com

Connect With Us







