Earnings Summary Fourth Quarter 2018

February 5, 2019

SAFE HARBOR

This presentation contains, and management may make, forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. The words “believe,” “expect,” “anticipate,” “intends,” “estimate,” “forecast,” “project,” “should,” “may,” “will,” “would” or the negative thereof and similar expressions are intended to identify such forward-looking statements. These forward-looking statements include statements related to future period guidance; future sales, net income, net income per diluted share, non-GAAP EPS, non-GAAP net income, expenses and other financial metrics; our performance relative to our markets; market and technology trends; the development of new products and the success of their introductions; Company’s capital allocation strategy, which may be modified at any time for any reason, including share repurchases, dividends, debt repayments and potential acquisitions; the effect of the Tax Cuts and Jobs Act on our capital allocation strategy; the impact of the acquisitions we have made and commercial partnerships we have established; our ability to execute on our strategies; the amount and timing of synergies from the proposed transaction with Versum Materials, the closing date for the proposed transaction with Versum Materials; and other matters. These statements involve risks and uncertainties, and actual results may differ. These risks and uncertainties include, but are not limited to, weakening of global and/or regional economic conditions, generally or specifically in the semiconductor industry, which could decrease the demand for our products and solutions; our ability to meet rapid demand shifts; our ability to continue technological innovation and introduce new products to meet our customers’ rapidly changing requirements; our concentrated customer base; our ability to identify, effect and integrate acquisitions, joint ventures or other transactions; our ability to protect and enforce intellectual property rights; operational, political and legal risks of our international operations; our dependence on sole source and limited source suppliers; the increasing complexity of certain manufacturing processes; raw material shortages and price increases; changes in government regulations of the countries in which we operate; fluctuation of currency exchange rates; fluctuations in the market price of Entegris’ stock; the level of, and obligations associated with, our indebtedness; and other risk factors and additional information described in our filings with the Securities and Exchange Commission, including under the heading “Risks Factors” in Item 1A of our Annual Report on Form 10-K for the fiscal year ended December 31, 2017, filed on February 15, 2018, and in our other periodic filings. The Company assumes no obligation to update any forward-looking statements or information, which speak as of their respective dates.

This presentation contains references to “Adjusted EBITDA,” “Adjusted EBITDA Margin,” “Adjusted Operating Income,” “Adjusted Operating Income Margin” and “Non-GAAP Earnings per Share” that are not presented in accordance GAAP. The non-GAAP financial measures should not be considered in isolation or as a substitute for GAAP financial measures but should instead be read in conjunction with the GAAP financial measures. Further information with respect to and reconciliations of such measures to the most directly comparable GAAP financial measure can be found attached to this presentation.

LEGAL DISCLOSURES

Additional Information about the Merger and Where to Find It

This communication does not constitute an offer to buy or sell or the solicitation of an offer to buy or sell any securities or a solicitation of any vote or approval. This communication relates to a proposed business combination between Entegris and Versum Materials. In connection with the proposed transaction, Entegris intends to file with the Securities and Exchange Commission (the "SEC") a registration statement on Form S-4 that will include a joint proxy statement of Entegris and Versum Materials that also constitutes a prospectus of Entegris. Each of Entegris and Versum Materials also plan to file other relevant documents with the SEC regarding the proposed transaction. No offering of securities shall be made, except by means of a prospectus meeting the requirements of Section 10 of the U.S. Securities Act of 1933, as amended. Any definitive joint proxy statement/prospectus (if and when available) will be mailed to stockholders of Entegris and Versum Materials. INVESTORS AND SECURITY HOLDERS ARE URGED TO READ THE REGISTRATION STATEMENT, JOINT PROXY STATEMENT/PROSPECTUS AND OTHER DOCUMENTS THAT MAY BE FILED WITH THE SEC CAREFULLY AND IN THEIR ENTIRETY IF AND WHEN THEY BECOME AVAILABLE BECAUSE THEY WILL CONTAIN IMPORTANT INFORMATION ABOUT THE PROPOSED TRANSACTION. Investors and security holders will be able to obtain free copies of these documents (if and when available) and other documents containing important information about Entegris and Versum Materials, once such documents are filed with the SEC through the website maintained by the SEC at http://www.sec.gov. Copies of the documents filed with the SEC by Entegris will be available free of charge on Entegris' website at http://www.entegris.com or by contacting Entegris' Investor Relations Department by email at irelations@entegris.com or by phone at 978-436-6500. Copies of the documents filed with the SEC by Versum Materials will be available free of charge on Versum Materials' website at investors.versummaterials.com or by phone at 484-275-5907.

Participants in the Solicitation

Entegris, Versum Materials and certain of their respective directors and executive officers may be deemed to be participants in the solicitation of proxies in respect of the proposed transaction. Information about the directors and executive officers of Entegris is set forth in Entegris' proxy statement for its 2018 annual meeting of shareholders, which was filed with the SEC on March 28, 2018, and Entegris' Annual Report on Form 10-K for the fiscal year ended December 31, 2017, which was filed with the SEC on February 15, 2018. Information about the directors and executive officers of Versum Materials is set forth in its proxy statement for its 2019 annual meeting of shareholders, which was filed with the SEC on December 20, 2018, and Versum Materials' Annual Report on Form 10-K for the fiscal year ended September 30, 2018, which was filed with the SEC on November 21, 2018. Other information regarding the participants in the proxy solicitations and a description of their direct and indirect interests, by security holdings or otherwise, will be contained in the joint proxy statement/prospectus and other relevant materials to be filed with the SEC regarding the proposed transaction when such materials become available. Investors should read the joint proxy statement/prospectus carefully when it becomes available before making any voting or investment decisions. You may obtain free copies of these documents from Entegris or Versum Materials using the sources indicated above.

4Q18 AND FY2018 HIGHLIGHTS

- Fourth-quarter revenue of $402 million grew 15 percent from prior year
- Fourth-quarter GAAP EPS of $0.57; Non-GAAP EPS of $0.47 increased 12% from a year ago
- Fiscal 2018 revenue of $1.6 billion increased 15 percent
- Fiscal 2018 GAAP EPS of $1.69; Non-GAAP EPS of $1.89 increased 31% from a year ago
- During 2018 acquired three companies: PSS, SAES Pure Gas and Flex Concepts
- Fourth-quarter and through the end of January (2019) repurchased a total of 6.6 million shares for approximately $179 million

SUMMARY – CONSOLIDATED STATEMENT OF OPERATIONS (GAAP)

$ in millions, except per share data	4Q18	4Q18 Guidance	3Q18	4Q17	4Q18 over 4Q17	4Q18 over 3Q18
Net Revenue	$401.6	$380 to $400	$398.6	$350.6	14.6%	0.8%
Gross Margin	44.8%		45.6%	46.7%		
Operating Expenses	$108.4	$111 to $114	$113.7	$92.5	17.2%	(4.7%)
Operating Income	$71.3		$68.0	$71.2	0.2%	4.9%
Operating Margin	17.8%		17.1%	20.3%		
Tax Rate	(35.3%)		19.2%	167.6%		
Net Income (Loss)	$80.8	$43 to $53	$48.1	($28.3)	NM	68%
Earnings (loss) per diluted share	$0.57	$0.30 to $0.37	$0.34	($0.20)	NM	68%

SUMMARY – CONSOLIDATED STATEMENT OF OPERATIONS (NON-GAAP)[1]

$ in millions, except per share data	Q418	4Q18 Guidance	3Q18	4Q17	4Q18 over 4Q17	4Q18 over 3Q18
Net Revenue	$401.6	$380 to $400	$398.6	$350.6	14.6%	0.8%
Adjusted Gross Margin[2]	45.7%		46.4%	46.7%		
Non-GAAP Operating Expenses[3]	$90.1	$90 to $93	$91.1	$81.5	10.5%	(1.1%)
Adjusted Operating Income	$93.5		$93.9	$82.2	13.8%	(0.4%)
Adjusted Operating Margin	23.3%		23.6%	23.4%		
Non-GAAP Tax Rate[4]	21.3%		23.2%	18.9%		
Non-GAAP Net Income[5]	$66.3	$59 to $69	$65.6	$59.7	11.1%	1.0%
Non-GAAP EPS	$0.47	$0.41 to $0.48	$0.46	$0.42	11.9%	2.2%

1. See GAAP to Non-GAAP reconciliation tables in the appendix of this presentation.
2. Adjusted Gross Margin excludes certain severance charges and fair value mark-up of acquired inventory.
3. Non-GAAP Operating Expenses exclude amortization expense, severance charges, deal costs, integration costs, loss on sale of subsidiary and impairment of equipment and intangibles.
4. Non-GAAP Tax Rate reflects the tax effect of non-GAAP adjustments and discrete tax items to GAAP taxes.
5. Non-GAAP Net Income excludes amortization expense, severance charges, deal costs, integration costs, loss on debt extinguishment, loss on sale of subsidiary, and impairment of equipment and intangibles.

SUMMARY – CONSOLIDATED STATEMENT OF OPERATIONS (GAAP)

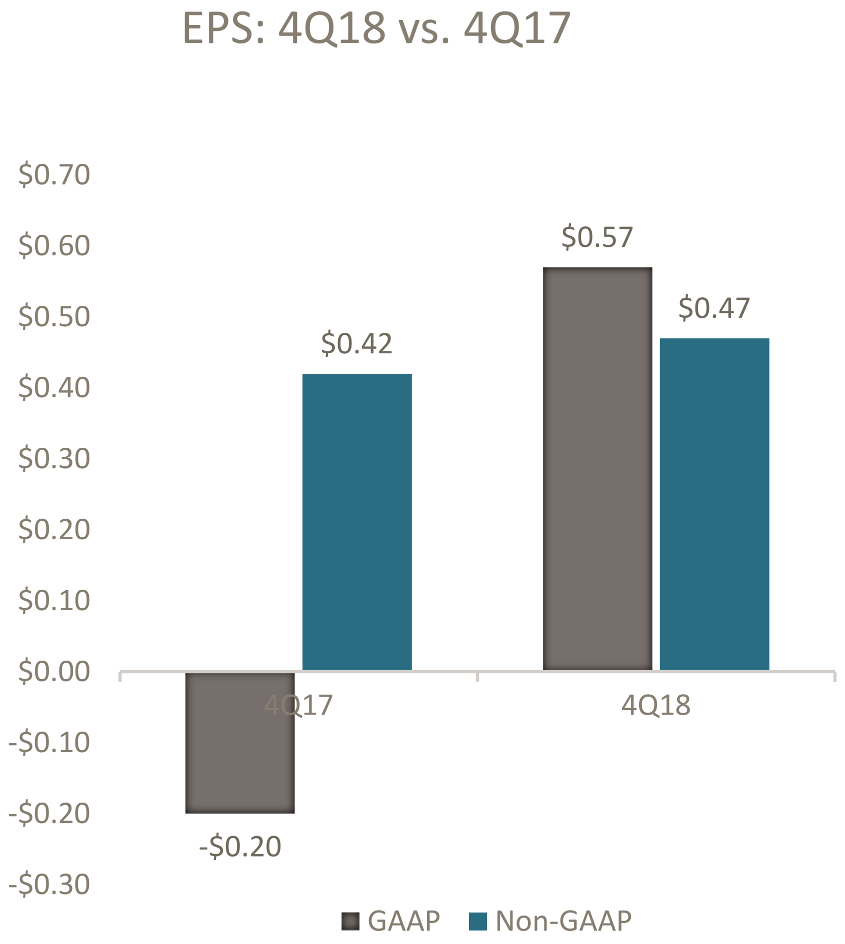
$ in millions, except per share data	**Fiscal Year Ended December 31, 2018**	**Fiscal Year Ended December 31, 2017**	**Year-over-Year**
Net Revenue	$1,550.5	$1,342.5	15.5%
Gross Margin	46.4%	45.4%	
Operating Expenses	$427.1	$367.2	16.3%
Operating Income	$292.7	$241.8	21.0%
Operating Margin	18.9%	18.0%	
Tax Rate	5.4%	54.0%	
Net Income	$240.8	$85.1	183.0%
EPS	$1.69	$0.59	186.4%

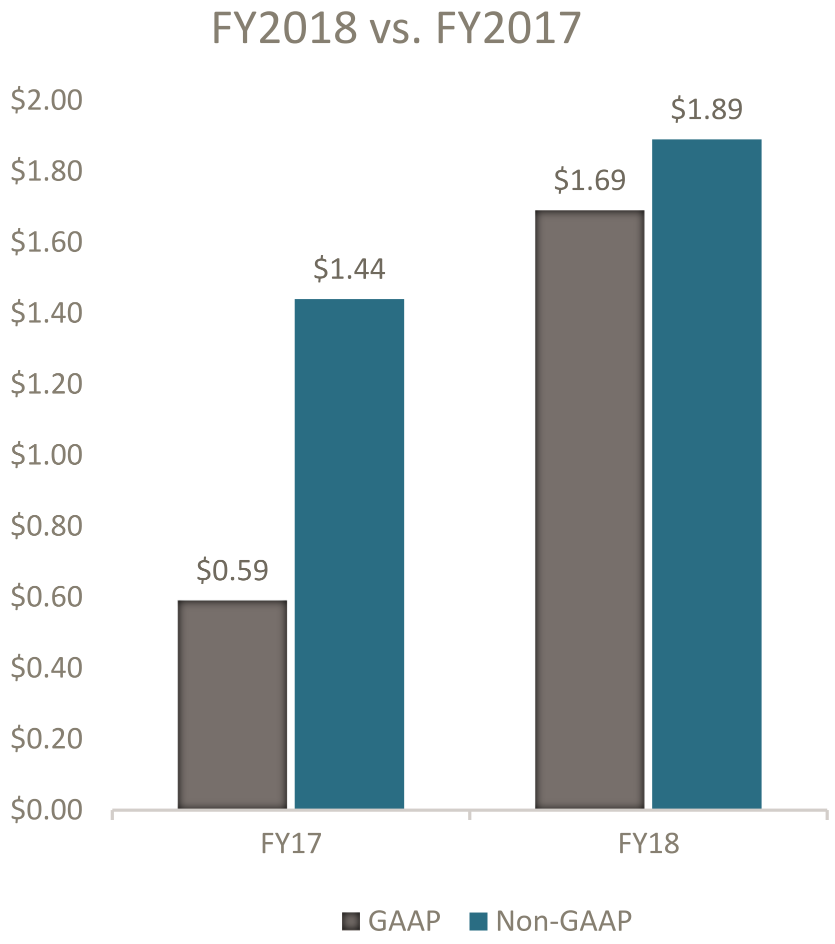
SUMMARY – CONSOLIDATED STATEMENT OF OPERATIONS (NON-GAAP)[1] – YEAR TO DATE

$ in millions, except per share data	Fiscal Year Ended December 31, 2018	Fiscal Year Ended December 31, 2017	Year-over-Year
Net Revenue	$1,550.5	$1,342.5	15.5%
Adjusted Gross Margin[2]	46.9%	45.8%	
Non-GAAP Operating Expenses[3]	$356.2	$316.1	12.7%
Adjusted Operating Income	$371.0	$298.9	24.1%
Adjusted Operating Margin	23.9%	22.3%	
Non-GAAP Tax Rate[4]	19.5%	22.2%	
Non-GAAP Net Income[5]	$269.8	$206.3	30.8%
Non-GAAP EPS	$1.89	$1.44	31.3%

1. See GAAP to Non-GAAP reconciliation tables in the appendix of this presentation.
2. Adjusted Gross Margin excludes certain impairment of equipment and severance charges and fair value mark-up of acquired inventory.
3. Non-GAAP Operating Expense Exclude amortization expense, severance charges, deal costs, integration costs, loss on sale of subsidiary and impairment of equipment and intangibles.
4. Non-GAAP Tax Rate reflects the tax effect of non-GAAP adjustments and discrete tax items to GAAP taxes.
5. Non-GAAP Net Income excludes amortization expense, severance charges, deal costs, integration costs, loss on debt extinguishment, loss on sale of subsidiary, and impairment of equipment and intangibles.

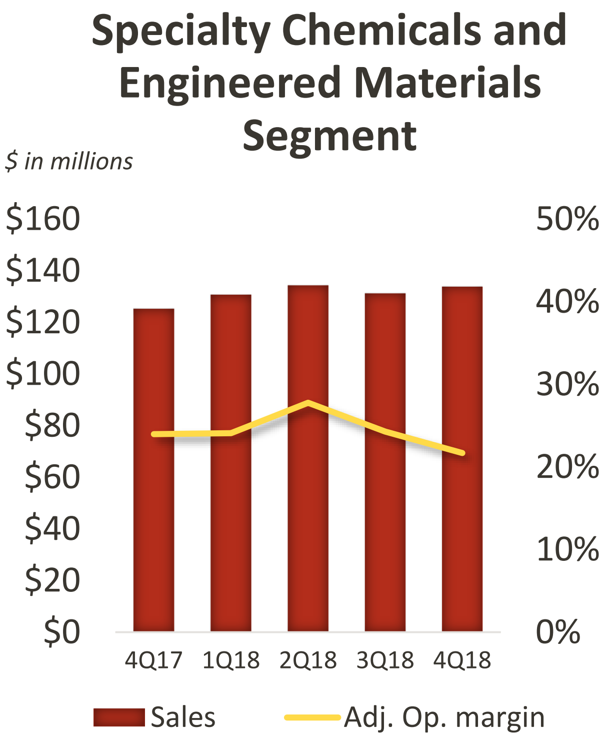
(LOSS) EARNINGS PER SHARE[1]

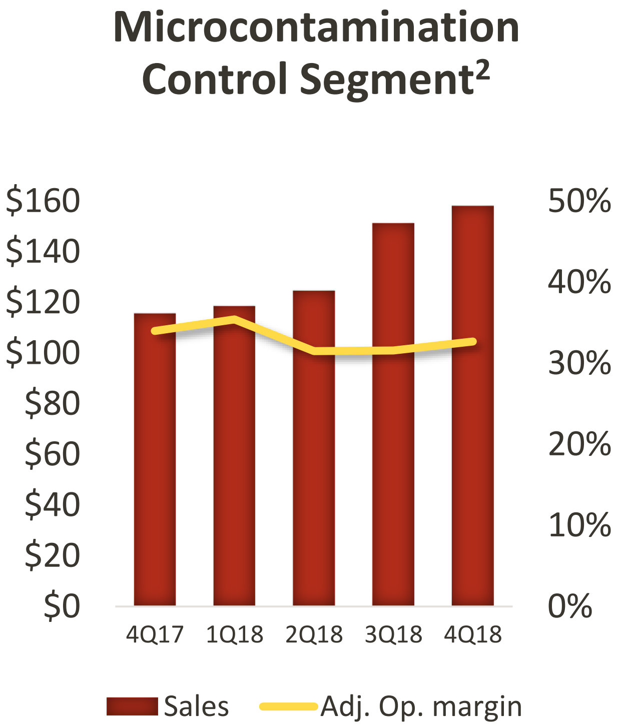


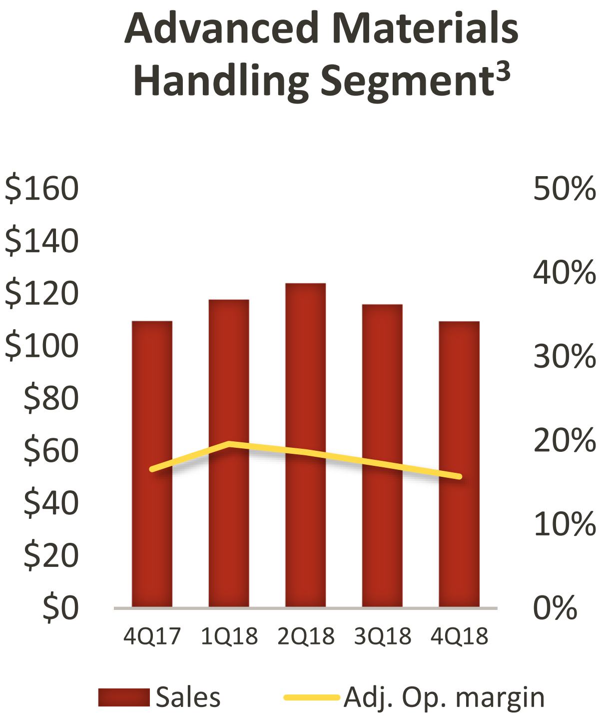


1. Represents diluted (loss) earnings per share. See Reconciliation of GAAP Net Income to Non-GAAP Earnings per Share in the appendix of this presentation.

RESULTS BY SEGMENT[1]

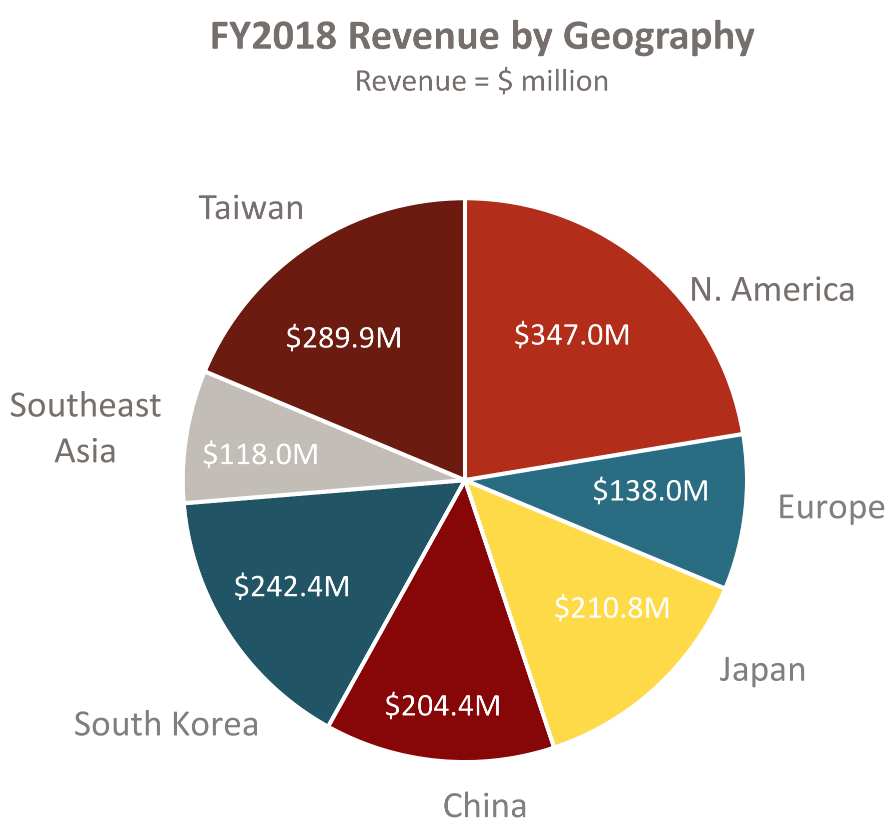


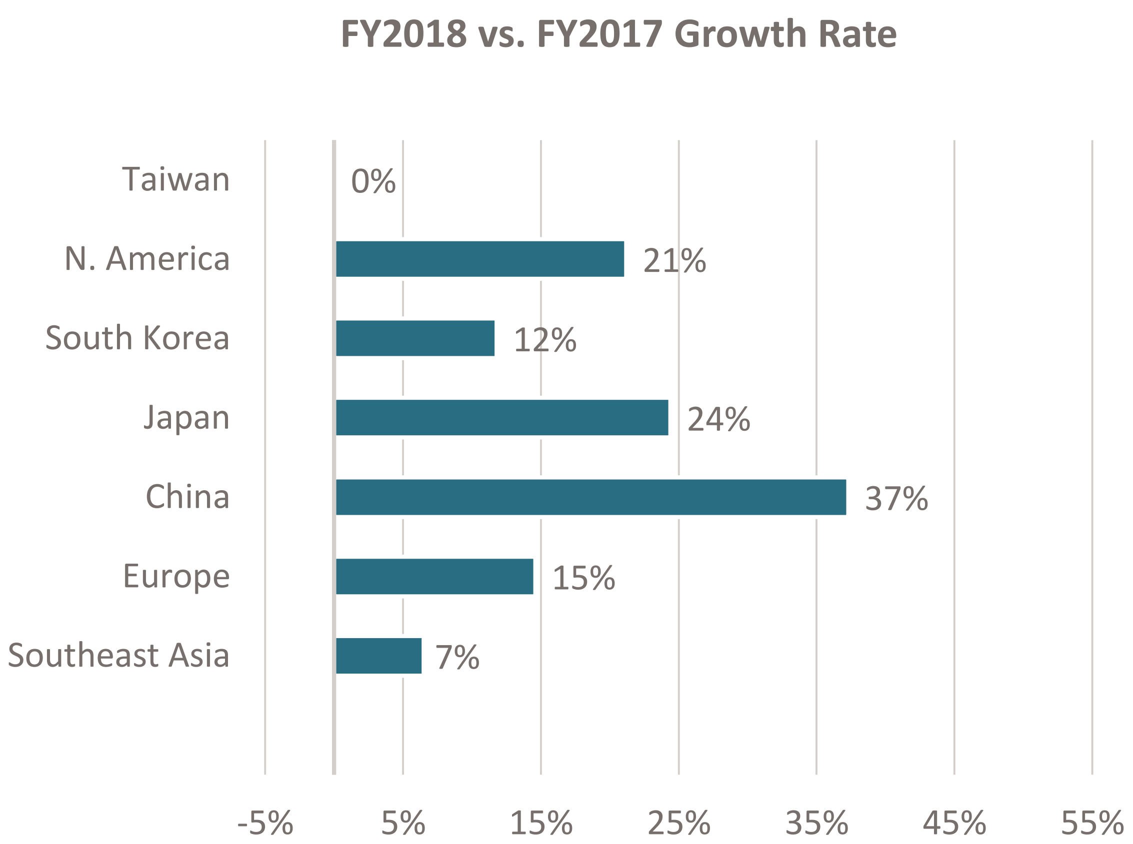




1. Adjusted segment operating margin excludes amortization of intangibles and unallocated expenses.
2. Segment profit for MC includes a charge for fair value write-up of inventory of $208K, $3,281K, and $3,379K for 2Q18, 3Q18, and 4Q18, respectively.
3. Segment profit for AMH for 3Q18 includes charges for loss on sale of subsidiary of $466K. Segment profit for AMH for 4Q18 includes severance and restructuring charges of $460K

REVENUE BY GEOGRAPHY: STRONG GROWTH IN SOUTH KOREA AND CHINA





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SUMMARY – BALANCE SHEET ITEMS

$ in millions	4Q18		3Q18		4Q17	
	$ Amount	% Total	$ Amount	% Total	$ Amount	% Total
Cash & Cash Equivalents	$482.1	20.8%	$294.9	14.0%	$625.4	31.6%
Accounts Receivable, net	$222.1	9.6%	$212.7	10.1%	$183.4	9.3%
Inventories	$268.1	11.6%	$264.1	12.6%	$198.1	10.0%
Net PP&E	$419.5	18.1%	$393.7	18.7%	$359.5	18.2%
Total Assets	$2,317.6		$2,103.5		$1,976.2	
Current Liabilities[1]	$269.7	11.6%	$211.0	10.0%	$291.0	14.7%
Long-term debt, excluding current maturities	$934.9	40.3%	$650.6	30.9%	$574.4	29.1%
Total Liabilities	$1,305.6	56.3%	$1,019.8	48.5%	$983.2	49.8%
Total Shareholders' Equity	$1,012.0	43.7%	$1,083.7	51.5%	$993.0	50.2%
AR – DSOs	50.4		48.7		47.7	
Inventory Turns	3.3		3.3		3.8	

1. Current Liabilities in 4Q18, 3Q17 and 4Q17 includes $4 million, $100 million and $100 million of current maturities of long term debt, respectively.

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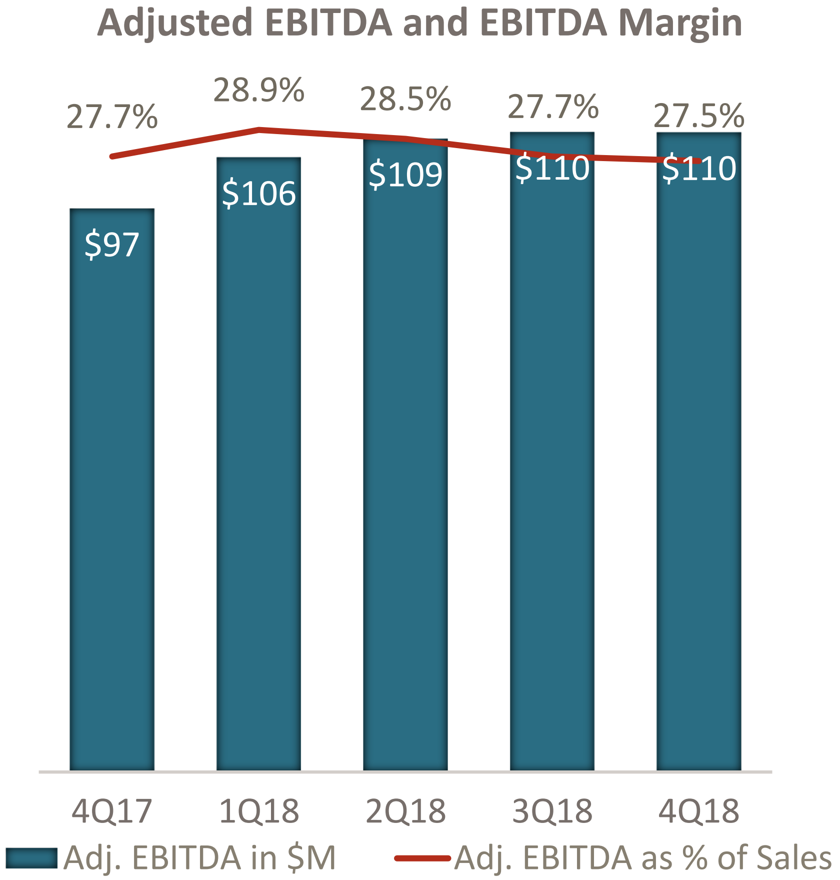
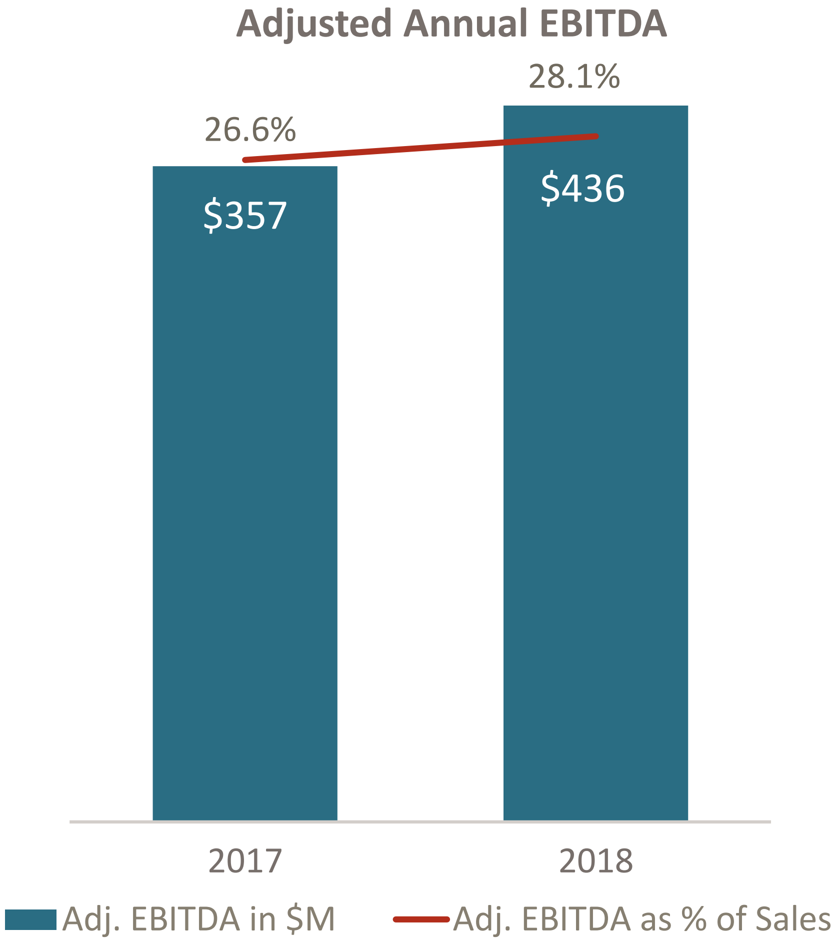
ADJUSTED EBITDA MARGIN[1]





1. See Reconciliation of GAAP Income to Adjusted Operating Income and Adjusted EBITDA in the appendix of this presentation.

CASH FLOWS

$ in millions	**4Q18**	**3Q18**	**4Q17**
Beginning Cash Balance	$294.9	$257.1	$435.2
Cash from operating activities	$91.3	$84.1	$85.7
Capital expenditures	($34.8)	($27.9)	($25.7)
Proceeds from long-term debt	$400.0	-	550.0
Payments on long-term debt	($108.9)	-	($385.0)
Payments for debt extinguishment costs	-	-	($16.2)
Repurchase and retirement of common stock	($143.8)	($10.0)	($10.0)
Dividend payments	($9.9)	($9.9)	($9.9)
Other investing activities	($0.5)	$3.1	$0.1
Other financing activities	($6.1)	($0.4)	($5.5)
Effect of exchange rates	($0.1)	($1.2)	$6.7
Ending Cash Balance	$482.1	$294.9	$625.4

Free Cash Flow[1]	$56.5	$56.2	$60.1
Adjusted EBITDA	$110.4	$110.4	$97.2

1. Free cash flow equals cash from operations less capital expenditures.

OUTLOOK (1Q19)

- For the first quarter ending March 30, 2019, the Company expects sales will be approximately at the same level as the fourth quarter of 2018.
- The Company expects GAAP EPS will be approximately on the same level as the fourth quarter of 2018, excluding the one-time tax benefit (which impacted GAAP net income from the fourth quarter 2018).
- Non-GAAP EPS is expected to be approximately at the same level as the fourth quarter of 2018.

50 YEARS OF PURE ADVANTAGE

NON-GAAP RECONCILIATION TABLE
RECONCILIATION OF GAAP GROSS PROFIT TO ADJUSTED GROSS PROFIT

In thousands	Three months ended			Twelve months ended	
	December 31, 2018	December 31, 2017	September 29, 2018	December 31, 2017	December 31, 2018
Net Sales	$401,642	$350,562	$398,597	$1,550,497	$1,342,532
Gross profit-GAAP	$179,740	$163,679	$181,716	$719,831	$608,985
Adjustments to gross profit:					
Charge for fair value mark-up of acquired inventory sold	3,379	-	3,281	6,868	-
Severance related to organizational realignment	460	-	-	460	740
Impairment of equipment	-	-	-		5,330
Adjusted gross profit	$183,579	$163,679	$184,997	$727,159	$615,055
Gross margin - as a % of net sales	44.8 %	46.7%	45.6%	46.4%	45.4%
Adjusted gross margin - as a % of net sales	45.7%	46.7%	46.4%	46.9%	45.8%

NON-GAAP RECONCILIATION TABLE
RECONCILIATION OF GAAP SEGMENT PROFIT TO ADJUSTED OPERATING INCOME

$ in thousands	Three months ended			Twelve months ended	
Segment profit-GAAP	December 31, 2018	December 31, 2017	September 29, 2018	December 31, 2018	December 31, 2017
Specialty Chemicals and Engineered Materials	$29,016	$30,075	$31,860	$129,754	$111,802
Microcontamination Control	48,389	39,328	44,530	179,964	141,413
Advanced Materials Handling	16,791	18,226	19,494	82,541	59,838
Total segment profit	94,196	87,629	95,884	386,259	313,053
Amortization of intangible assets	17,050	11,020	21,419	62,152	44,023
Unallocated expenses	5,838	5,457	6,490	31,418	85,705
Total operating income	$71,308	$71,152	$67,975	$292,689	$241,817

	Three months ended			Twelve months ended	
Adjusted segment profit	December 31, 2018	December 31, 2017	September 29, 2018	December 31, 2018	December 31, 2017
Specialty Chemicals and Engineered Materials[1]	$29,016	$30,075	$31,860	$129,754	$111,802
Microcontamination Control[2]	51,768	39,328	47,811	180,832	1430,52
Advanced Materials Handling[3]	17,251	18,226	19,960	83,467	67,345
Total segment profit	98,035	87,629	99,631	394,053	322,213
Amortization of intangible assets[4]	-	-	-	-	-
Unallocated expenses[5]	4,550	5,457	5,738	23,060	23,273
Total adjusted operating income	$93,485	$82,172	$93,893	$370,993	$298,940

1. Adjusted segment profit for Specialty Chemicals and Engineered Materials for the twelve months ended December 31, 2017 excludes charges for severance related to organizational realignment of $14.
2. Adjusted segment profit for Microcontamination Control excludes charges for fair value mark-up of acquired inventory sold of $3,379 and$3,281 for the three months ended December 31, 2018 and September 29, 2018, respectively, and $6,868 for the twelve months ended December 31, 2018. Adjusted segment profit for Microcontamination Control excludes impairment of equipment and charges for severance related to organizational realignment of $1,639 for the twelve months ended December 31, 2017.
3. Adjusted segment profit for Advanced Material Handling excludes loss on sale of subsidiary $466 for the three months ended September 29, 2018, Adjusted segment profit for Advanced Material Handling excludes charges for impairment of equipment and severance related to organizational realignment of $460 for the three and twelve months ended December 31, 2018 and $7,507 for the twelve months ended December 31, 2017, respectively.
4. Adjusted amortization of intangible assets excludes amortization expense of $17,050, $11,020, and $21,419 for the three months ended December 31, 2018, December 31, 2017, and September 29, 2018, respectively, and $62,152 and $44,023 for the twelve months ended December 31, 2018 and December 31, 2017, respectively.
5. Adjusted unallocated expenses excludes integration expenses of $1,288, $752 and $3,237 for the three months ended December 31, 2018 and September 29, 2018 and the twelve months ended December 31, 2018, respectively. Adjusted unallocated expenses excludes deal costs of $5,121 for the twelve months ended December 31, 2018. Adjusted unallocated expenses excludes charges for impairment of intangibles and severance related to organizational realignment of $3,940 for the twelve months ended December 31, 2017.

NON-GAAP RECONCILIATION TABLE
RECONCILIATION OF GAAP TO ADJUSTED OPERATING INCOME AND ADJUSTED EBITDA

$ in thousands	Three months ended			Twelve months ended	
	December 31, 2018	December 31, 2017	September 29, 2018	December 31, 2018	December 31, 2017
Net sales	$401,642	$350,562	$398,597	$1,550,497	$1,342,532
Net income (loss)	$80,784	($28,341)	$48,060	$240,755	$85,066
Adjustments to net (loss) income:					
Income tax (benefit) expense	(21,078)	70,264	11,427	13,677	99,665
Interest expense, net	8,426	7,533	7,678	30,255	31,628
Other expense (income), net	3,176	21,696	810	8,002	25,458
GAAP - Operating income	71,308	71,152	67,975	292,689	241,817
Charge for fair value write-up of acquired inventory sold	3,379	-	3,281	6,868	-
Deal costs	-	-	-	5,121	
Integration costs	1,288	-	752	3,237	-
Severance	460	-	-	460	2,700
Impairment of equipment and intangibles[1]	-	-	-	-	10,400
Loss on sale of subsidiary	-	-	466	466	-
Amortization of intangible assets	17,050	11,020	21,419	62,152	44,023
Adjusted operating income	93,485	82,172	93,893	370,993	298,940
Depreciation	16,468	15,035	16,537	65,116	58,208
Adjusted EBITDA	$109,953	$97,207	$110,430	436,109	$357,148
Adjusted operating margin	23.3%	23.4%	23.6%	23.9%	22.3%
Adjusted EBITDA - as a % of net sales	27.4%	27.7%	27.7%	28.1%	26.6%

1. Includes product line impairment charges of $5,330 classified as cost of sales for the twelve months ended December 31, 2017.
Includes intangible impairment charge of $3,866 classified as selling general and administrative expense for the twelve months ended December 31, 2017.
Includes product line impairment charge of $320 classified as selling general and administrative expense for the twelve months ended December 31, 2017.
Includes product line impairment charge of $884 classified as engineering, research and development expense for the twelve months ended December 31, 2017.

NON-GAAP RECONCILIATION TABLE
RECONCILIATION OF GAAP TO NON-GAAP EARNINGS (LOSS) PER SHARE

$ in thousands, except per share data	Three months ended			Twelve months ended	
	December 31, 2018	December 31, 2017	September 29, 2018	December 31, 2018	December 31, 2017
GAAP net income (loss)	$80,784	($28,341)	$48,060	$240,755	$85,066
Adjustments to net income (loss):					
Severance	460	-	-	460	2,700
Charge for fair value write-up of inventory acquired	3,379		3,281	6,868	-
Deal costs	-	-	-	5,121	-
Integration costs	1,288		752	3,237	-
Impairment of equipment and intangibles[1]	-	-	-	-	13,200
Loss on debt extinguishment	2,319	20,687	-	2,319	20,687
Loss on sale of subsidiary	-	-	466	466	-
Amortization of intangible assets	17,050	11,020	21,419	62,152	44,023
Tax effect of adjustments to net income and discrete items	(5,603)	(10,385)	(5,797)	(17,812)	(26,046)
Ax effect of legal entity restructuring	(34,478)	-	-	(34,478)	-
Tax effect of Tax Cuts and Jobs Act	1,101	66,713	(2,560)	683	66,713
Non-GAAP net income	$66,300	$59,694	$65,621	$269,771	$206,343
Diluted earnings (loss) per common share	$0.57	($0.20)	$0.34	$1.69	$0.59
Effect of adjustments to net income (loss)	($0.10)	$0.61	$0.12	($0.20)	$0.85
Diluted non-GAAP earnings per common share	$0.47	$0.42	$0.46	$1.89	$1.44

1. Includes product line impairment charges of $5,330 classified as cost of sales for the twelve months ended December 31, 2017.
Includes intangible impairment charge of $3,866 classified as selling general and administrative expense for the twelve months ended December 31, 2017.
Includes product line impairment charge of $320 classified as selling general and administrative expense for the twelve months ended December 31, 2017.
Includes product line impairment charge of $884 classified as engineering, research and development expense for the twelve months ended December 31, 2017.
Includes product line impairment charge of $2,800 classified as other expense for the twelve months ended December 31, 2017.
2.The tax effect of pre-tax adjustments to net income was calculated using the applicable marginal tax rate during the respective years.

GAAP SEGMENT TREND DATA

$ in thousands	Q116	Q216	Q316	Q416	Q117	Q217	Q317	Q417	Q118	Q218	Q318	Q418
Sales												
SCEM	$ 101,107	$ 111,782	$ 104,494	$ 110,945	$ 114,435	$ 121,174	$ 124,522	$ 125,339	$ 130,743	$ 134,336	$ 131,234	$ 133,928
MC	77,619	91,584	94,738	98,717	100,055	104,407	116,113	115,650	118,637	124,681	151,345	158,181
AMH	88,298	99,686	97,460	98,840	102,887	103,421	104,956	109,573	117,819	124,042	116,018	109,533
Total Sales	$ 267,024	$ 303,052	$ 296,692	$ 308,502	$ 317,377	$ 329,002	$ 345,591	$ 350,562	$ 367,199	$ 383,059	$ 398,597	$ 401,642
Segment Profit[1]												
SCEM	$ 17,818	$ 24,205	$ 14,244	$ 21,061	$ 23,128	$ 29,060	$ 29,539	$ 30,075	$ 31,562	$ 37,316	$ 31,860	$ 29,016
MC	14,181	24,511	27,684	27,535	30,987	31,796	39,302	39,328	41,991	39,054	44,530	48,389
AMH	14,697	18,203	11,192	12,190	13,960	15,169	12,483	18,226	23,142	23,114	19,494	16,791
Total Segment Profit	$ 46,696	$ 66,919	$ 53,120	$ 60,786	$ 68,075	$ 76,025	$ 81,324	$ 87,629	$ 96,695	$ 99,484	$ 95,884	$ 94,196
Segment Profit Margin												
SCEM	17.6%	21.7%	13.6%	19.0%	20.2%	24.0%	23.7%	24.0%	24.1%	27.8%	24.3%	21.7%
MC	18.3%	26.8%	29.2%	27.9%	31.0%	30.5%	33.8%	34.0%	35.4%	31.3%	29.4%	30.6%
AMH	16.6%	18.3%	11.5%	12.3%	13.6%	14.7%	11.9%	16.6%	19.6%	18.6%	16.8%	15.3%

1. In the first quarter of 2018, the Company updated its definition of segment profit. Segment profit is now defined as net sales less direct segment operating expenses, including certain general and administrative costs for the Company's human resources, finance and information technology functions previously unallocated by the Company. The remaining unallocated expenses consist mainly of the Company's corporate functions as well as interest expense, amortization of intangible assets and income tax expense. Prior year information was recast to reflect the change in the Company's definition of segment profit.

NON-GAAP SEGMENT TREND DATA

$ in thousands

	Q116	Q216	Q316	Q416	Q117	Q217	Q317	Q417	Q118	Q218	Q318	Q418
Sales												
SCEM	$ 101,107	$ 111,782	$ 104,494	$ 110,945	$ 114,435	$ 121,174	$ 124,522	$ 125,339	$ 130,743	$ 134,336	$ 131,234	$ 133,928
MC	77,619	91,584	94,738	98,717	100,055	104,407	116,113	115,650	118,637	124,681	151,345	158,181
AMH	88,298	99,686	97,460	98,840	102,887	103,421	104,956	109,573	117,819	124,042	116,018	109,533
Total Sales	$ 267,024	$ 303,052	$ 296,692	$ 308,502	$ 317,377	$ 329,002	$ 345,591	$ 350,562	$ 367,199	$ 383,059	$ 398,597	$ 401,642
Adjusted Segment Profit												
SCEM[1]	$ 17,818	$ 24,205	$ 14,943	$ 21,061	$ 23,128	$ 29,060	$ 29,553	$ 30,075	$ 31,562	$ 37,316	$ 31,860	$ 29,016
MC[2]	14,181	24,511	28,421	27,535	30,987	33,239	39,498	39,328	41,991	39,262	47,811	51,768
AMH[3]	14,697	18,203	17,987	12,190	13,960	17,455	17,704	18,226	23,142	23,114	19,960	17,251
Total Adj. Segment Profit	$ 46,696	$ 66,919	$ 61,351	$ 60,786	$ 68,075	$ 79,754	$ 86,755	$ 87,629	$ 96,695	$ 99,692	$ 99,631	$ 98,035
Adjusted Segment Profit Margin												
SCEM	17.6%	21.7%	14.3%	19.0%	20.2%	24.0%	23.7%	24.0%	24.1%	27.8%	24.3%	21.7%
MC	18.3%	26.8%	30.0%	27.9%	31.0%	31.8%	34.0%	34.0%	35.4%	31.5%	31.6%	32.7%
AMH	16.6%	18.3%	18.5%	12.3%	13.6%	16.9%	16.9%	16.6%	19.6%	18.6%	17.2%	15.7%

1. Adjusted segment profit for Specialty Chemicals and Engineered Materials for the twelve months ended December 31, 2017 excludes charges for severance related to organizational realignment of $14.
2. Adjusted segment profit for Microcontamination Control excludes charges for fair value mark-up of acquired inventory sold of $3,379 and $3,281 for the three months ended December 31, 2018 and September 29, 2018, respectively, and $6,868 for the twelve months ended December 31, 2018. Adjusted segment profit for Microcontamination Control excludes impairment of equipment and charges for severance related to organizational realignment of $1,639 for the twelve months ended December 31, 2017.
3. Adjusted segment profit for Advanced Material Handling excludes loss on sale of subsidiary $466 for the three months ended September 29, 2018 and the twelve months ended December 31, 2018. Adjusted segment profit for Advanced Material Handling excludes charges for impairment of equipment and severance related to organizational realignment of $460 for the three and twelve months ended December 31, 2018 and $7,507 for the twelve months ended December 31, 2017, respectively.